



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA



LAPORAN SURVEI SEKTOR INFORMAL DAN PEKERJAAN INFORMAL

*INFORMAL SECTOR AND INFORMAL EMPLOYMENT
SURVEY REPORT*

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JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA



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MALAYSIA 2023

Pemakluman

Jabatan Perangkaan Malaysia (DOSM) akan menjalankan Banci Ekonomi pada tahun 2023. DOSM amat menghargai kerjasama daripada responden untuk memberikan maklumat kepada DOSM serta menjayakan banci ini. Sila layari www.dosm.gov.my untuk maklumat lanjut.

DOSM telah melancarkan OpenDOSM NextGen sebagai platform yang menyediakan katalog data dan visualisasi bagi memudahkan pengguna menganalisis pelbagai jenis data. OpenDOSM NextGen ialah medium perkongsian data sumber terbuka dan boleh diakses melalui portal <https://open.dosm.gov.my>.

Dimaklumkan bahawa Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober setiap tahun. Tema sambutan MyStats Day adalah "Connecting the World with Data We Can Trust".

Announcement

The Department of Statistics Malaysia (DOSM) will conduct the Economic Census in 2023. DOSM greatly appreciates the cooperation from respondents to provide information with DOSM and make this census a success. Please visit www.dosm.gov.my for more information.

DOSM has launched OpenDOSM NextGen as a platform that provides a catalogue of data and visualisation that facilitates users in analysing various types of data. OpenDOSM NextGen is an open source data sharing medium and accessible through <https://open.dosm.gov.my> portal.

Please be informed that the Government of Malaysia has declared National Statistics Day (MyStats Day) on October 20 each year. MyStats Day theme is "Connecting the World with Data We Can Trust".

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KATA PENGANTAR

Laporan Survei Sektor Informal dan Pekerjaan Informal membentangkan statistik guna tenaga tahunan dalam sektor informal dan pekerjaan informal bersumberkan Survei Sektor Informal 2023. Penyusunan statistik ini adalah berpandukan kepada garis panduan dan syor daripada *International Labour Organization (ILO)* dengan merujuk kepada *Measuring Informality: A Statistical Manual on the Informal Sector and Informal Employment* dan amalan terbaik organisasi statistik negara lain.

Statistik guna tenaga dalam sektor informal bukan pertanian diperincikan mengikut ciri-ciri demografi dan sosioekonomi antaranya jantina, kumpulan umur, strata, pencapaian pendidikan, kategori pekerjaan dan industri. Dalam laporan terkini ini, statistik guna tenaga dalam sektor informal dan pekerjaan informal termasuk sektor pertanian bagi tahun 2023 turut dimuatkan buat pertama kali. Statistik guna tenaga dalam sektor informal dan pekerjaan informal merupakan maklumat penting yang digunakan sebagai input untuk menganalisis pasaran buruh, menggubal dasar serta merancang, melaksana dan memantau program berkaitan pembangunan sumber manusia. Statistik ini juga menjadi rujukan penting kepada penyelidik, ahli ekonomi, ahli akademik, pihak swasta dan individu dalam kajian berkaitan sektor informal dan pekerjaan informal.

Penerbitan ini terbahagi kepada empat bahagian utama. Bahagian pertama membentangkan ringkasan penemuan guna tenaga dalam sektor informal bukan pertanian, guna tenaga dalam sektor informal termasuk pertanian dan pekerjaan informal. Manakala, bahagian kedua memaparkan jadual statistik terperinci meliputi statistik guna tenaga dalam sektor informal bukan pertanian dan termasuk pertanian serta pekerjaan informal. Seterusnya, diikuti dengan jadual ralat piawai relatif pada bahagian ketiga. Aspek teknikal seperti objektif survei, kaedah pengumpulan data, skop & liputan dan konsep & definisi, disediakan di bahagian terakhir bagi memudahkan pengguna memahami statistik yang diterbitkan.

Jabatan Perangkaan Malaysia (DOSM) merakamkan setinggi-tinggi penghargaan kepada responden dan semua pihak yang terlibat dalam pelaksanaan survei dan penyediaan penerbitan ini. Pandangan dan cadangan ke arah penambahbaikan penerbitan ini pada masa hadapan amat dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN

Ketua Perangkawan Malaysia

November 2024

PREFACE

The Informal Sector and Informal Employment Survey Report presents annual employment statistics in the informal sector and informal employment from the Informal Sector Survey 2021. The statistics published are based on the guidelines and recommendations from the International Labour Organization (ILO) with reference to Measuring Informality: A Statistical Manual on the Informal Sector and Informal Employment and best practices of other national statistical offices.

Employment statistics in the informal sector for non-agriculture are presented according to demographic and socio-economic characteristics such as sex, age group, strata, educational attainment, occupational and industrial categories. In this latest report, the employment statistics in the informal sector and informal employment including agriculture sector for 2023 are also included for the first time. The employment statistics in the informal sector and informal employment are important information which were used as an input for labour market analysis, policy formulation as well as planning, implementing and monitoring programmes related to human resource development. These statistics also serve as an essential reference to researcher, economists, academicians, private sector and individuals in research related to informal sector and informal employment.

This publication is divided into four main parts. The first section presents the summary findings of employment in the informal sector for non-agriculture, employment in the informal sector include agriculture and informal employment. Meanwhile, the second part displays the detailed statistical tables cover employment in the informal sector for non-agriculture, employment in the informal sector include agriculture and informal employment. Next, followed by relative standard error tables in the third part. Technical aspects such as objective of the survey, method of data collection, coverage & scope and concepts & definitions are provided in the last part to facilitate and assist users' understanding of the published statistics.

The Department of Statistics Malaysia (DOSM) gratefully acknowledges the utmost appreciation towards the respondents and all parties involved in the survey and preparation of this publication. Feedbacks and suggestions towards the improvement of future publications are highly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician Malaysia

December 2022

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NOTA PENERANGAN

EXPLANATORY NOTES

Nota Penerangan

Bermula dengan penerbitan Statistik Sektor Informal dan Pekerjaan Informal, Malaysia (SIPIIM), 2023, statistik utama dianggarkan berdasarkan anggaran penduduk semasa Malaysia.

Semakan semula data SIPIIM dilaksanakan apabila data Banci Penduduk dan Perumahan tahun 2020 yang terkini telah tersedia. Data banci ini kemudiannya digunakan untuk semakan semula data SIPIIM bagi meliputi maklumat tambahan yang tersedia daripada Banci Penduduk dan Perumahan terkini. Proses penggabungan penanda aras populasi yang disemak semula ini dirujuk sebagai 'rebased'. Pada masa yang sama semakan semula dibuat bagi data SIPIIM 2021.

Bagi perincian penjadualan siri data semakan semula, sila layari <https://newss.statistics.gov.my/>.

Explanatory Notes

Starting with the annual release of Informal Sector and Informal Employment Statistics, Malaysia (ISIEM), 2023, the principal statistics are estimated based on the current population estimates of Malaysia.

The revision of the ISIEM data is carried out when the most recent Population and Housing Census data of 2020 is available. This census data is then used to revise the ISIEM data to cover additional information available from the latest Population and Housing Census. This process of incorporating revised population benchmarks is referred to as 'rebasings'. At the same time revisions are made for ISIEM 2021.

For the details on tabulation of revised data series, please visit <https://newss.statistics.gov.my/>

BAHAGIAN A: RINGKASAN PENEMUAN

*PART A:
SUMMARY OF FINDINGS*

STATISTIK SEKTOR INFORMAL DAN PEKERJAAN INFORMAL, 2023

PEKERJAAN INFORMAL

Pada 2023, **pekerjaan informal** termasuk pertanian adalah sebanyak 3.45 juta orang, merangkumi 21.8 peratus daripada jumlah guna tenaga di Malaysia

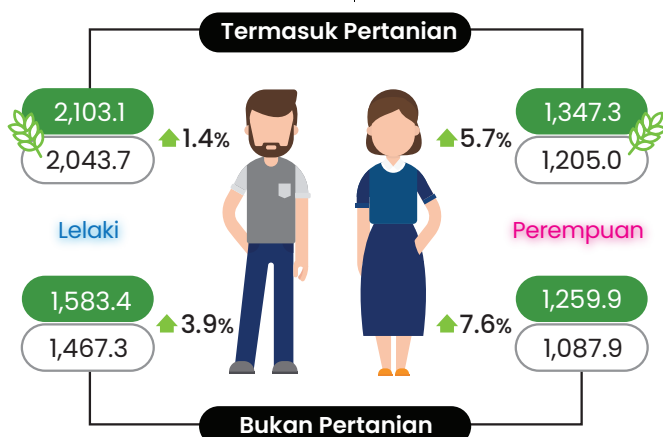


Pekerjaan informal terdiri daripada:

- Bekerja sendiri dan majikan yang bekerja di pertubuhan sektor informal miliknya sendiri.
- Pekerja keluarga tanpa gaji dalam sektor formal dan informal.
- Pekerja di dalam kesemua sektor pengeluaran (sektor formal, sektor informal & isi rumah) yang tidak mempunyai kontrak penggajian serta tidak menerima sumbangan KWSP atau PERKESO atau cuti tahunan bergaji atau cuti sakit bergaji atau cuti bersalin bergaji atau perlindungan kesihatan daripada majikan.

Jantina

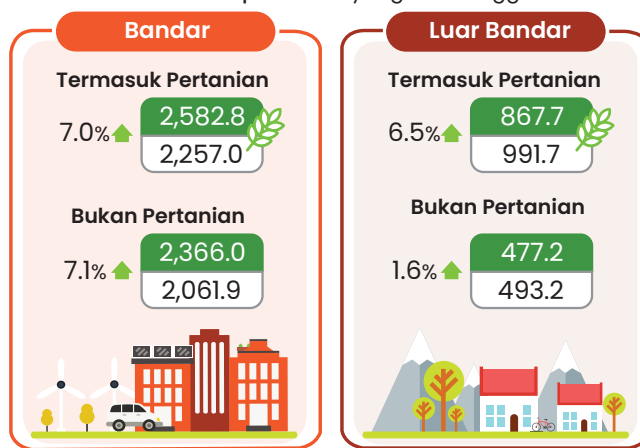
Pekerjaan informal termasuk pertanian adalah lebih tinggi bagi lelaki berbanding perempuan



Kedua-dua pekerja lelaki dan perempuan dalam pekerjaan informal bagi bukan pertanian mencatat peningkatan

Strata

Bandar mencatatkan bilangan pekerjaan informal termasuk pertanian yang lebih tinggi



Kebanyakan pekerjaan informal bagi bukan pertanian adalah di bandar

○ 2021 ('000) ● 2023 ('000) ▼▲ CAGR (%)

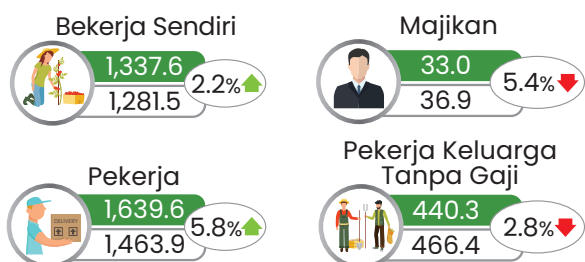
Sumber: Laporan Survei Sektor Informal dan Pekerjaan Informal, 2023, Jabatan Perangkaan Malaysia (DOSM)

STATISTIK SEKTOR INFORMAL DAN PEKERJAAN INFORMAL, 2023

PEKERJAAN INFORMAL TERMASUK PERTANIAN

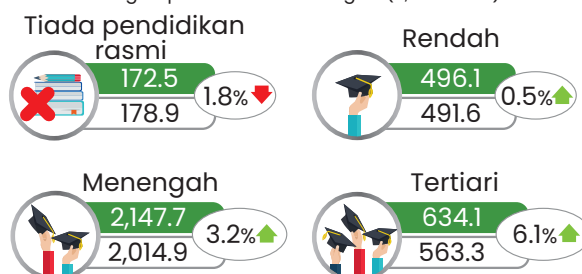
Taraf Pekerjaan

Kebanyakan pekerjaan informal merupakan pekerja (1,639.6 ribu)



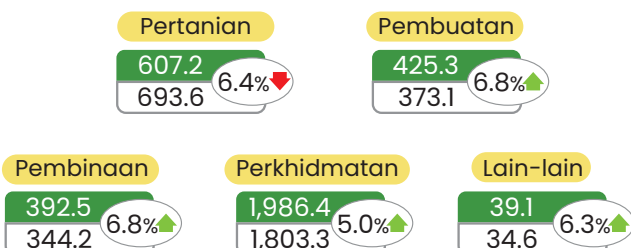
Pencapaian pendidikan

Kebanyakan pekerjaan informal terdiri daripada mereka dengan pendidikan menengah (2,147.7 ribu)



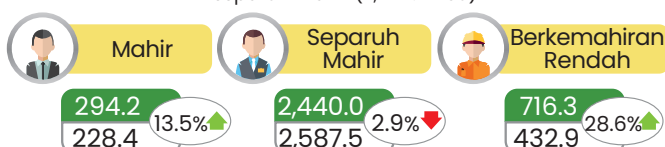
Sektor

Sektor perkhidmatan merupakan penyumbang pekerjaan informal termasuk pertanian tertinggi (1,986.4 ribu)



Kemahiran

Pekerjaan informal termasuk pertanian tertumpu pada pekerja separuh mahir (2,440.0 ribu)

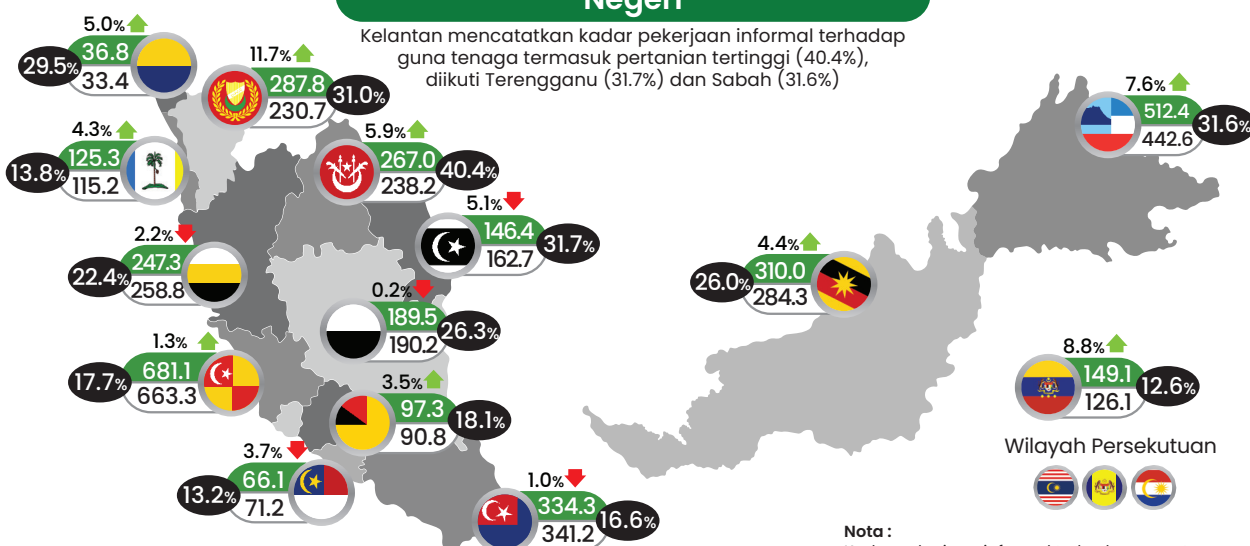


Pekerjaan informal tertinggi

1. Pembantu Kedai
2. Telemarketer
3. Penjaja(makanan)

Negeri

Kelantan mencatatkan kadar pekerjaan informal terhadap guna tenaga termasuk pertanian tertinggi (40.4%), diikuti Terengganu (31.7%) dan Sabah (31.6%)



Nota :
Kadar pekerjaan informal terhadap guna tenaga di Malaysia

Sumber: Laporan Survei Sektor Informal dan Pekerjaan Informal, 2023, Jabatan Perangkaan Malaysia (DOSM)

STATISTIK SEKTOR INFORMAL DAN PEKERJAAN INFORMAL, 2023

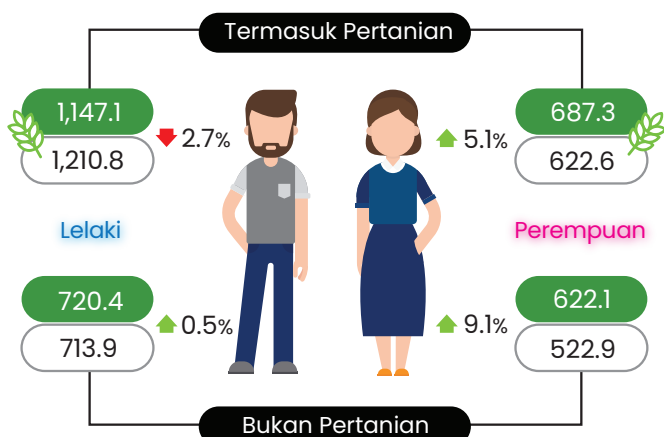
GUNA TENAGA DALAM SEKTOR INFORMAL

Guna tenaga dalam sektor informal termasuk pertanian pada 2023 merekodkan **1.83 juta** orang, merangkumi 8.6 peratus daripada jumlah guna tenaga di Malaysia



Jantina

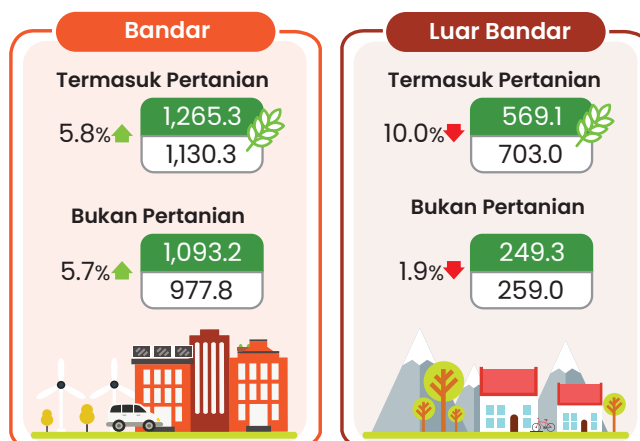
Guna tenaga dalam sektor informal termasuk pertanian adalah lebih tinggi bagi lelaki berbanding perempuan



Kedua-dua pekerja lelaki dan perempuan bagi guna tenaga dalam sektor informal bukan pertanian mencatat peningkatan

Strata

Bandar mencatatkan bilangan guna tenaga dalam sektor informal termasuk pertanian yang lebih tinggi

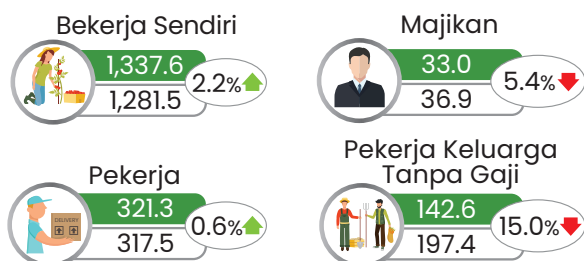


Kebanyakan guna tenaga dalam sektor informal bagi bukan pertanian adalah di bandar

GUNA TENAGA DALAM SEKTOR INFORMAL TERMASUK PERTANIAN

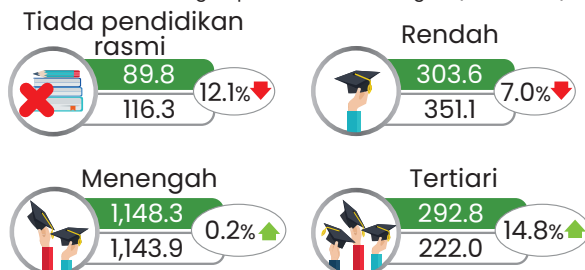
Taraf Pekerjaan

Kebanyakan guna tenaga dalam sektor informal termasuk pertanian merupakan kategori pekerja bekerja sendiri (1,337.6 ribu)



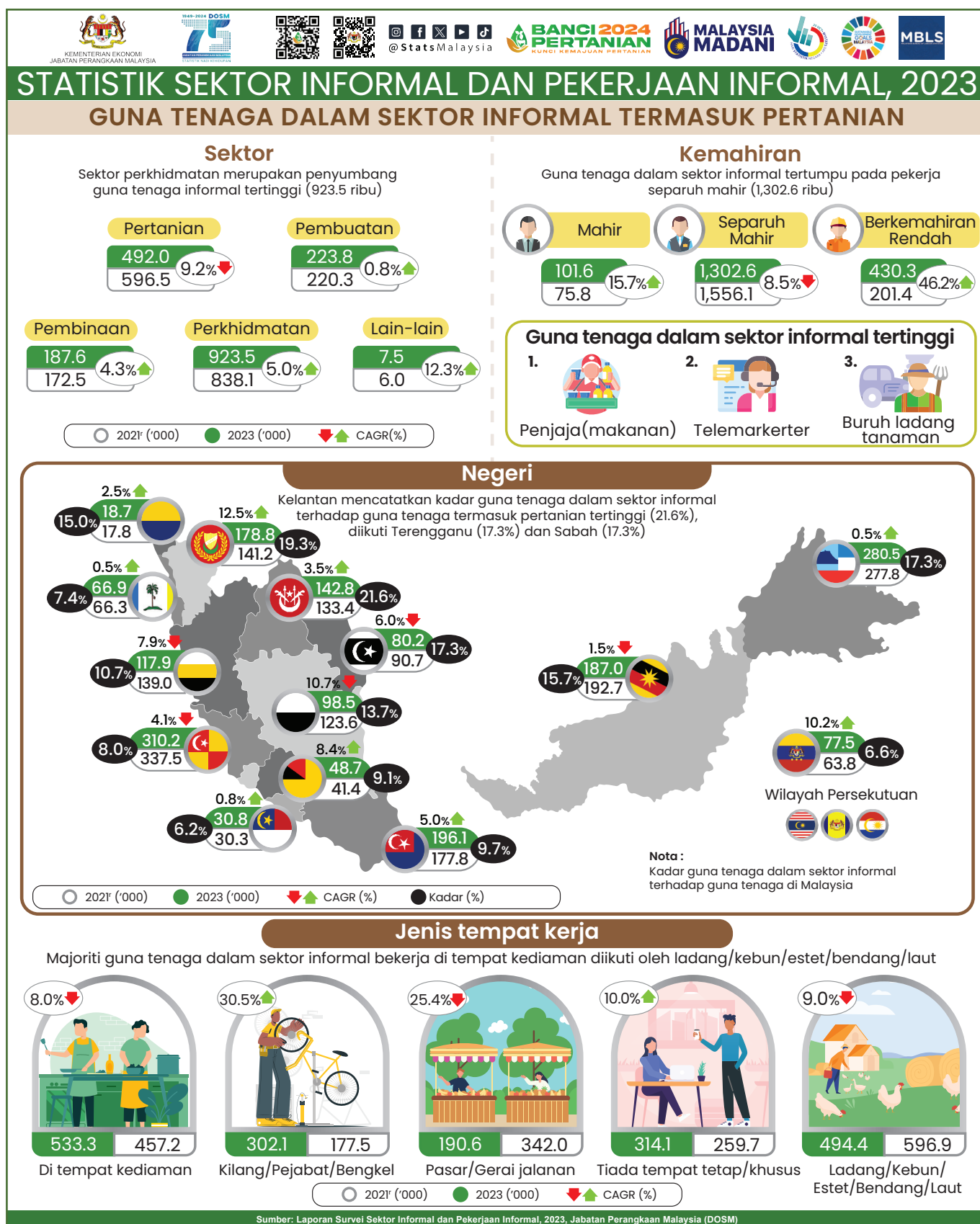
Pencapaian pendidikan

Kebanyakan guna tenaga dalam sektor informal termasuk pertanian adalah mereka dengan pendidikan menengah (1,148.3 ribu)



○ 2021 ('000) ● 2023 ('000) ▼▲ CAGR (%)

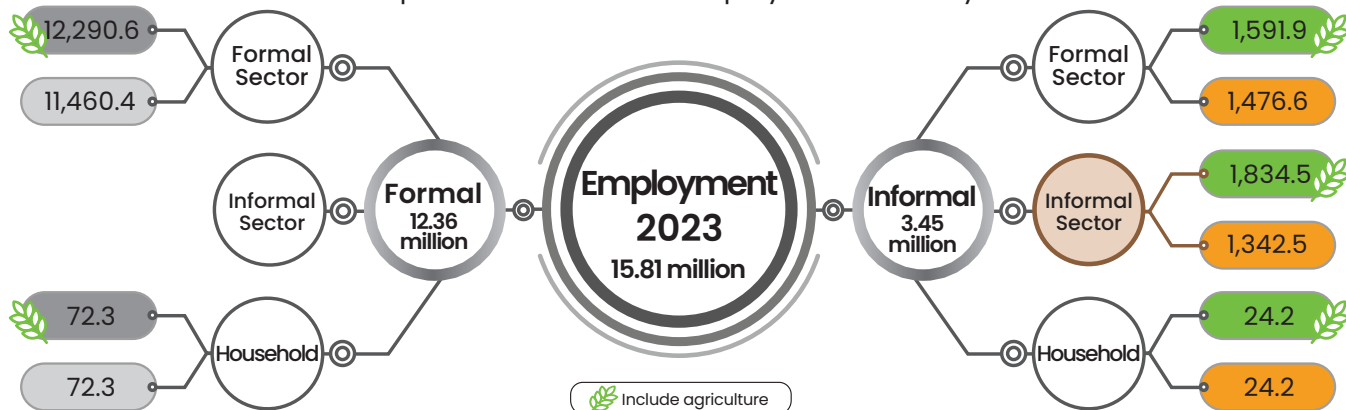
Sumber: Laporan Survei Sektor Informal dan Pekerjaan Informal, 2023, Jabatan Perangkaan Malaysia (DOSM)



STATISTICS ON INFORMAL SECTOR AND INFORMAL EMPLOYMENT, 2023

INFORMAL EMPLOYMENT

In 2023, **informal employment** including agriculture is 3.45 million persons, representing 21.8 per cent of the total employment in Malaysia



3,450.5 Total number of informal employment including agriculture ('000)

2,843.3 Total number of informal employment for non-agriculture sector ('000)

Informal employment consist of:

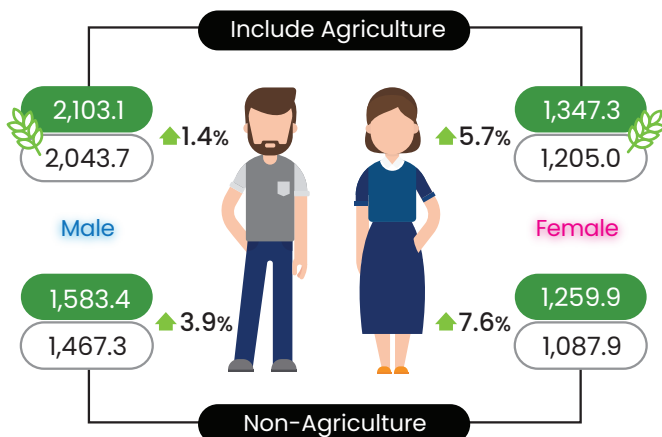
Own account worker and employer managing their own establishment in the informal sector.

Unpaid family workers in the formal and informal sectors.

Employees across all production sectors (formal sector, informal sector & household) who do not have an employment contract and do not receive contributions to the Employees Provident Fund (EPF) or the Social Security Organization (SOCSO), as well as those who do not receive paid annual leave, paid sick leave, paid maternity leave or health insurance from their employers.

Sex

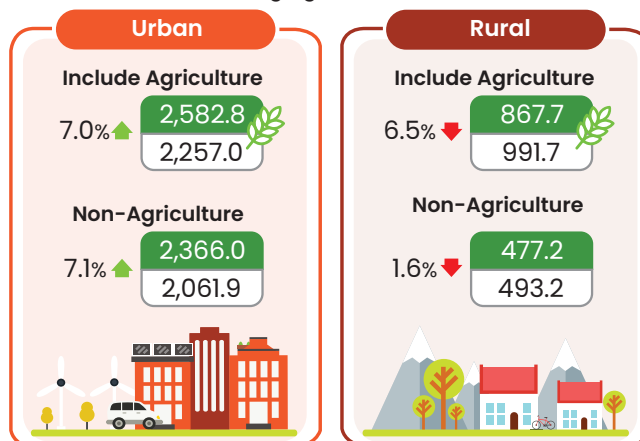
Informal employment including agriculture sector for male higher than female



Both male and female workers in informal employment for non-agriculture sector continue to increase

Strata

Urban registered higher number of informal employment including agriculture sector



Most employment in informal employment for non-agriculture sector was in urban

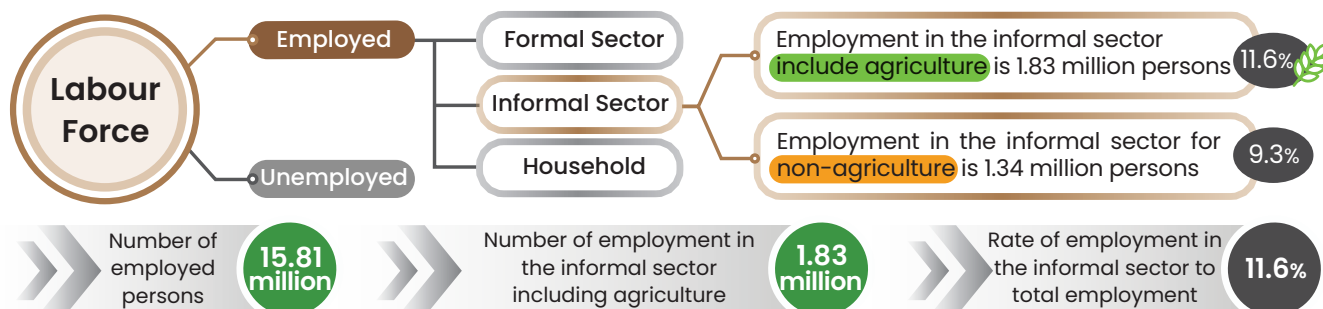
○ 2021 ('000) ● 2023 ('000) ▼▲ CAGR (%)

Source: Informal Sector and Informal Employment Survey Report, 2023, Department of Statistics Malaysia (DOSM)

STATISTICS ON INFORMAL SECTOR AND INFORMAL EMPLOYMENT, 2023

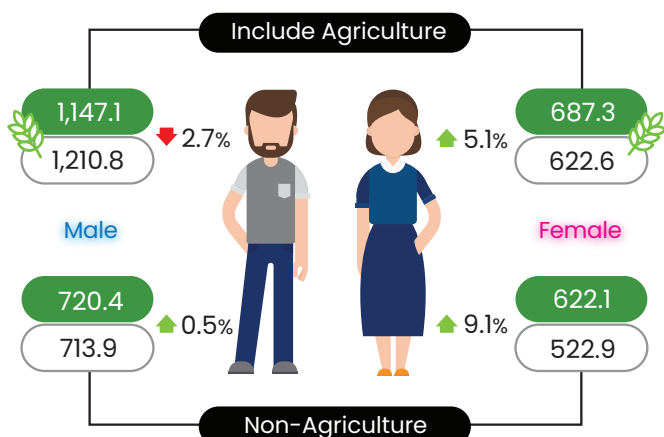
EMPLOYMENT IN THE INFORMAL SECTOR

Employment in the informal sector including agriculture in 2023 recorded **1.83 million** persons, comprising **11.6 per cent** of the total employment in Malaysia



Sex

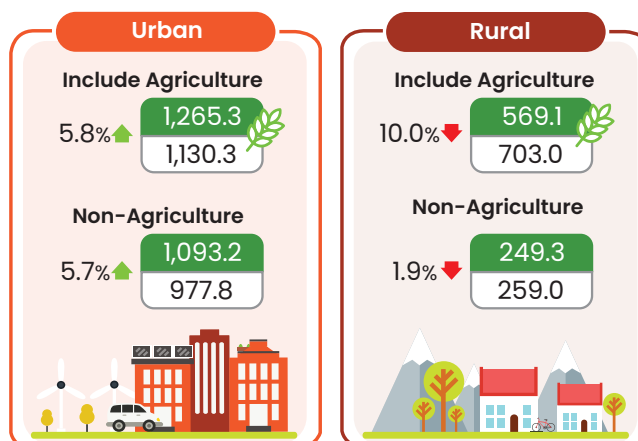
Informal employment including agriculture sector for male higher than female



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Strata

Urban registered higher number of informal employment including agriculture sector

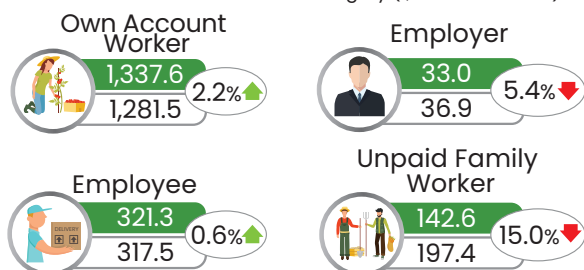


Most employment in informal employment for non-agriculture sector was in urban

EMPLOYMENT IN THE INFORMAL SECTOR INCLUDING AGRICULTURE

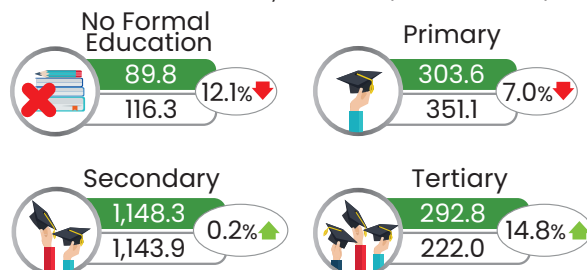
Status in Employment

Most of the employment in the informal sector including agriculture was in own account worker category (1,337.6 thousand)



Educational Attainment

Most of the employment in the informal sector for non-agriculture was those with secondary education (1,148.3 thousand)



○ 2021 ('000) ● 2023 ('000) ▼▲ CAGR (%)

Source: Informal Sector and Informal Employment Survey Report, 2023, Department of Statistics Malaysia (DOSM)

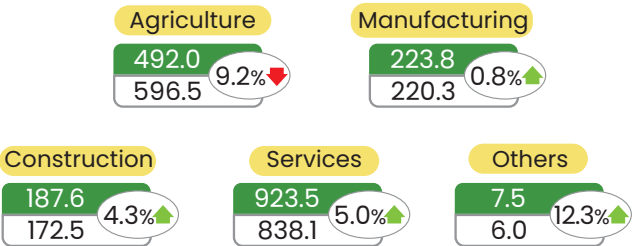
A
B1
B2
B3
B4
C
D

STATISTICS ON INFORMAL SECTOR AND INFORMAL EMPLOYMENT, 2023

EMPLOYMENT IN THE INFORMAL SECTOR INCLUDING AGRICULTURE

Industry

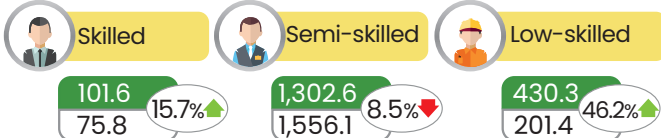
The services sector is the largest contributor to the employment in the informal sector (923.5 thousand)



○ 2021r ('000)
● 2023 ('000)
▼▲ CAGR (%)

Skills

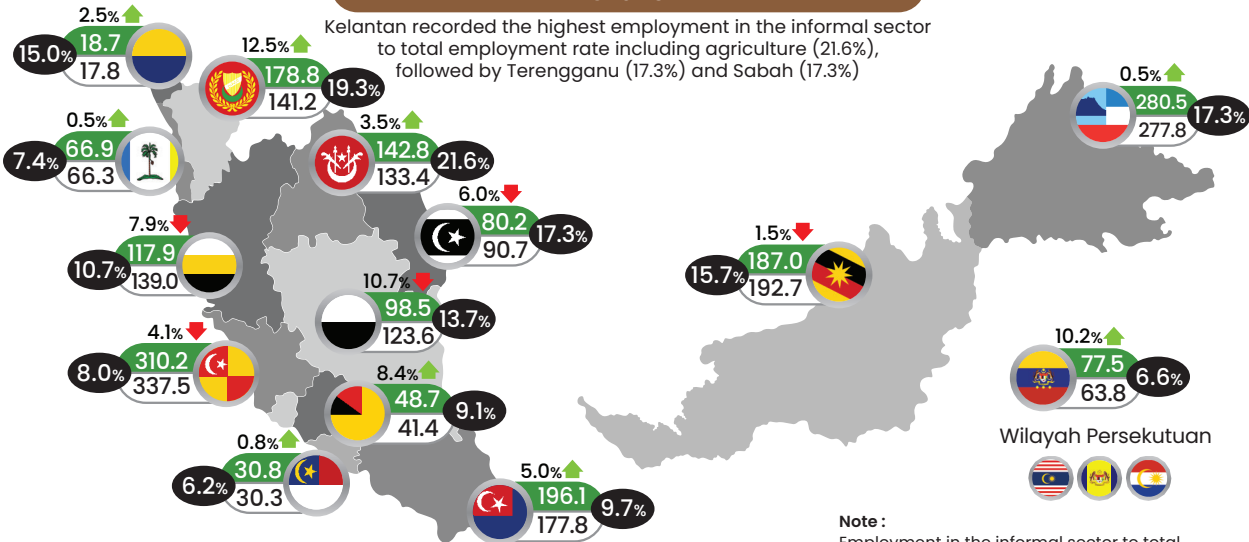
Employment in the informal sector is concentrated within semi-skilled employees (1,302.6 thousand)



Highest employment in the informal sector



State

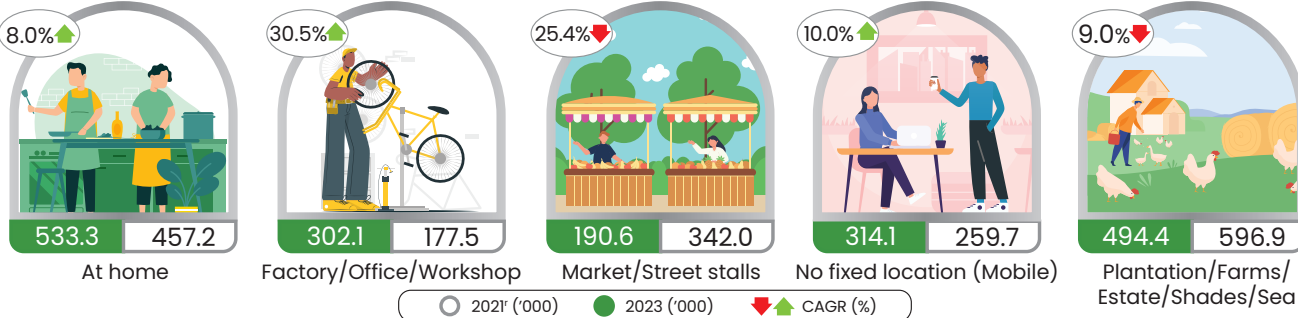


○ 2021r ('000)
● 2023 ('000)
▼▲ CAGR (%)
● Rate (%)

Note :
Employment in the informal sector to total employment rate in Malaysia

Type of Workplace

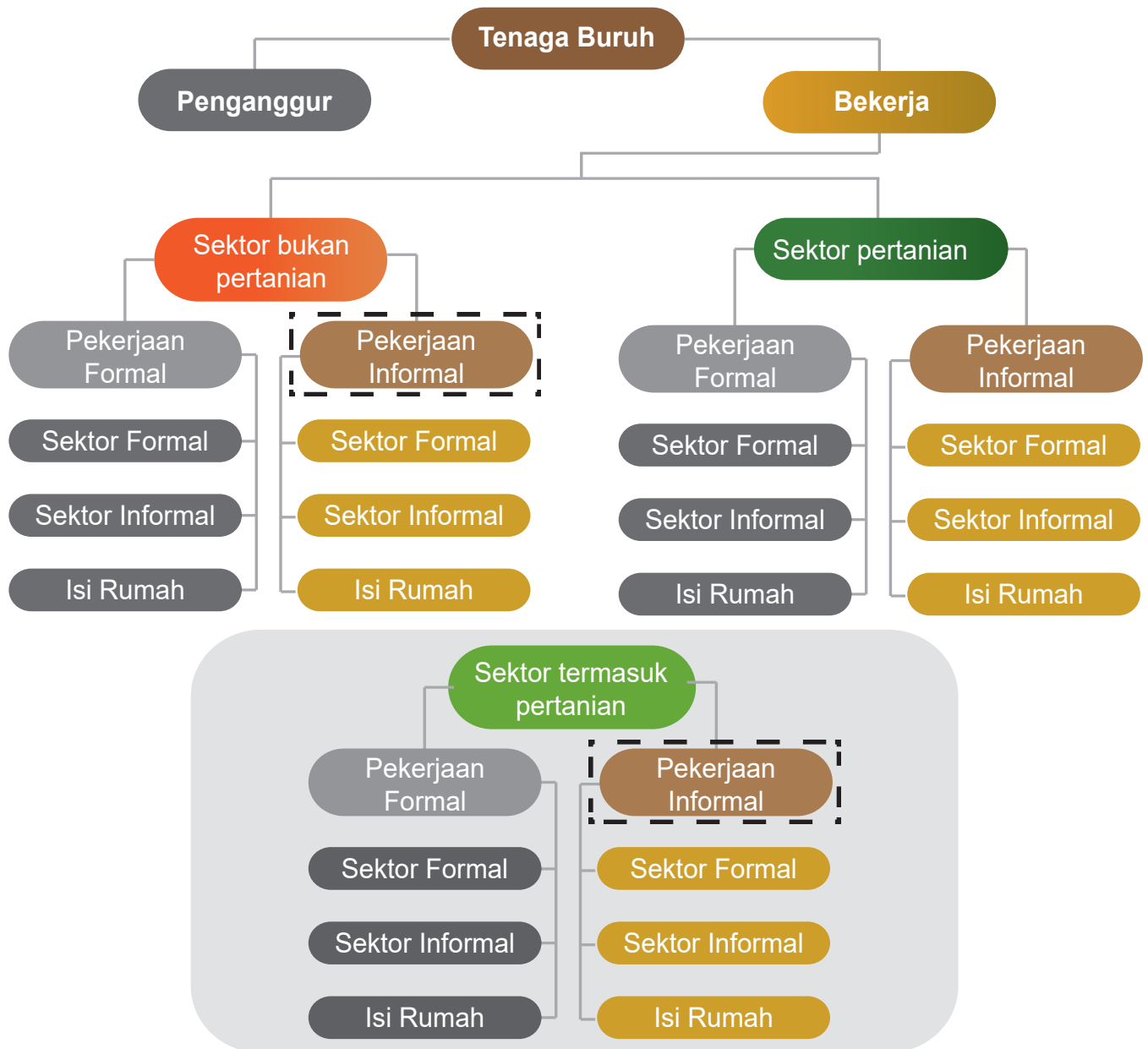
The majority of informal sector work at home followed by plantation/farms/estate/shades/sea



○ 2021r ('000)
● 2023 ('000)
▼▲ CAGR (%)

Source: Informal Sector and Informal Employment Survey Report, 2023, Department of Statistics Malaysia (DOSM)

0. RANGKA KERJA SEKTOR INFORMAL DAN PEKERJAAN INFORMAL



1. PENGENALAN

Sudah hampir tiga tahun sejak Wabak COVID-19 secara rasmi diisytihar oleh Pertubuhan Kesihatan Sedunia (WHO) sebagai pandemik global pada Mac 2020. Namun demikian, memasuki tahun 2023, ekonomi global mula menunjukkan tanda-tanda pemulihan meskipun dengan pelbagai cabaran seperti ketegangan geopolitik, gangguan rantai bekalan akibat daripada konflik Ukraine-Rusia dan peningkatan inflasi yang menyumbang kepada situasi ekonomi global yang mencabar. Bagi Malaysia pula, situasi ekonomi pada tahun ini mencatatkan pertumbuhan yang sederhana sejajar dengan semua aktiviti ekonomi dan sosial terus beroperasi seperti biasa. Prospek positif ini telah mendorong kepada pewujudan lebih banyak peluang pekerjaan dan menggalakkan lebih ramai tenaga buruh mengambil bahagian dalam pasaran, yang membawa kepada pemulihan pasaran buruh yang stabil.

Pasaran buruh Malaysia terus bertambah baik pada bulan Mac 2023, didorong oleh peningkatan ketara dalam bilangan ketibaan pelancong dan lebih ramai orang yang melancong ke luar negara sejak pembukaan semula sempadan antarabangsa. Tambahan pula, seluruh masyarakat beragama Islam menyambut kedatangan bulan puasa dan membuat persiapan sempena perayaan Hari Raya Aidilfitri. Pembukaan bazar Ramadan dan Aidilfitri pada bulan ini membuka lebih banyak peluang pekerjaan dalam pasaran, sama ada dalam membuka perniagaan baharu atau mengembangkan perniagaan yang sedia ada, seterusnya meningkatkan ekonomi dan pasaran buruh supaya terus berkembang. Justeru, semua situasi ini telah mendorong kepada prestasi pasaran buruh yang lebih baik pada bulan tersebut.

Menuju ke separuh kedua tahun 2023, kerajaan telah mengumumkan pelbagai dasar dan pelan induk untuk meningkatkan prestasi pasaran buruh. Sebagai contoh, pelaksanaan naratif Ekonomi MADANI termasuk Pelan Induk Perindustrian Baharu 2030 (NIMP 2030) yang secara objektif untuk memacu industri Malaysia ke arah kemajuan teknologi, kemampanan dan integrasi yang lebih terperinci ke dalam rantai nilai global. Selain itu, program Bina Kerjaya PERKESO akan dilaksanakan di bawah Pertubuhan Keselamatan Sosial (PERKESO) bertujuan untuk meningkatkan peluang pekerjaan baharu dan memperkukuh rangkaian perlindungan sosial. Selain itu, Kajian Separuh Penggal Rancangan Malaysia Kedua Belas (KSP RMK12) juga diperkenalkan untuk memperkasa dan membangunkan ekonomi negara dalam tempoh sepuluh tahun di samping meningkatkan kualiti hidup rakyat. Selain itu, menambah baik kebajikan pekerja informal juga menjadi salah satu keutamaan kerajaan dalam KSP RMK12.

Beberapa tahun kebelakangan ini, kesan daripada pandemik global telah menjadikan ekonomi informal sebagai tumpuan. Ia telah mendapat perhatian bukan sahaja disebabkan oleh kekurangan peluang dalam sektor formal, tetapi ia juga didorong oleh perkembangan pasaran buruh semasa. Dengan kemajuan pesat ekonomi gig dan tekanan daripada kesan pandemik COVID-19, ramai orang telah memilih bekerja sendiri sama ada secara pilihan atau paksaan.

Laporan Survei Sektor Informal dan Pekerjaan Informal 2021 ini memaparkan statistik guna tenaga berdasarkan ciri-ciri demografi dan sosioekonomi terpilih iaitu jantina, kumpulan umur, pencapaian pendidikan, taraf pekerjaan, kategori pekerjaan dan industri. Survei ini yang merupakan salah satu modul dalam Survei Tenaga Buruh (STB), telah dilaksanakan dari Januari hingga Disember 2021.

Objektif survei ini adalah menyediakan statistik guna tenaga dalam sektor informal di peringkat nasional. Pendekatan yang lengkap dan sistematik dalam pengumpulan dan prosesan data dikekalkan dari semasa ke semasa, dengan tujuan untuk mendapatkan perbandingan statistik siri masa. Kaedah temu ramah bersemuka ke atas ahli isi rumah di tempat kediaman terpilih digunakan untuk mendapatkan maklumat guna tenaga yang bekerja dalam sektor informal.

Merujuk kepada International Labour Organization (ILO), sektor informal ditakrifkan sebagai subset kepada households unincorporated enterprises¹ yang mana definisi terperinci bagi sektor informal adalah seperti berikut:

- *"The informal sector may be broadly characterised as consisting of units engaged in the production of goods or services with the primary objective of generating employment and incomes to the persons concerned. These units typically operate at a low level of organisation, with little or no division between labour and capital as factors of production and on a small scale."*
- *"Production units of the informal sector have the characteristic features of household enterprises. The fixed and other assets used do not belong to the production units as such but to their owners. The units as such cannot engage in transactions or enter into contracts with other units, nor incur liabilities, on their own behalf. The owners have to raise the necessary finance at their own risk and are personally liable, without limit, for any debts or obligations incurred in the production process. Expenditure for production is often indistinguishable from household expenditure. Similarly, capital goods such as buildings or vehicles may be used indistinguishably for business and household purposes."*

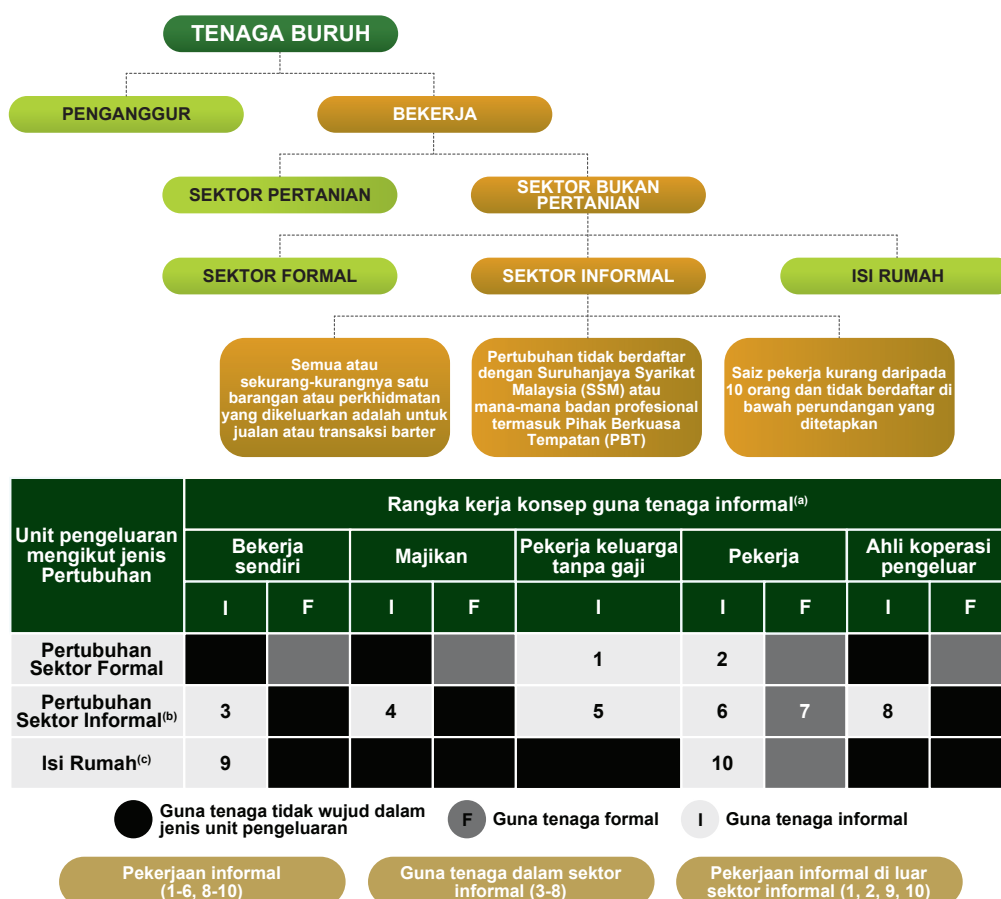
Statistik guna tenaga dalam sektor informal ini juga bertujuan untuk mendapatkan anggaran saiz guna tenaga dalam sektor informal, yang merupakan komponen penting bagi mengukur sumbangan sektor informal kepada Keluaran Dalam Negeri Kasar (KDNK).

2. RANGKA KONSEPTUAL GUNA TENAGA DALAM SEKTOR INFORMAL

Rangka konseptual guna tenaga dalam sektor informal seperti di Paparan 1 merangkumi maklumat ahli isi rumah yang berumur 15 hingga 64 tahun, yang terdiri daripada guna tenaga di dalam kategori bekerja sendiri (3), majikan (4), pekerja keluarga tanpa gaji (5) dan pekerja (6,7). Manakala, ahli koperasi pengeluar (8) tidak diliputi dalam survei ini.

Statistik guna tenaga dalam sektor informal dalam survei ini termasuk guna tenaga dalam sektor dan aktiviti berkaitan pertanian. Pada dasarnya, mengikut Manual Measuring Informality: A Statistical Manual on the Informal Sector and Informal Employment oleh International Labour Organization (ILO), aktiviti berkaitan pertanian dikecualikan dalam liputan Survei Sektor Informal. Namun, menyedari keperluan dan kepentingan statistik guna tenaga dalam sektor informal yang komprehensif, Survei Sektor Informal telah mengumpul data guna tenaga informal termasuk sektor Pertanian di Malaysia mulai tahun 2021.

Paparan 1: Malaysia: Rangka kerja konsep guna tenaga informal



Nota:

I : Informal; F : Formal

(a) Sel yang dilorek warna hitam merujuk kepada pekerjaan, mengikut definisi, tidak wujud dalam unit pengeluaran berkenaan. Sel yang dilorek warna kelabu tua merujuk kepada pekerjaan formal. Sel yang dilorek warna kelabu muda merujuk kepada pelbagai jenis pekerjaan informal.

(b) Berdasarkan takrif 15th International Conference of Labour Statisticians (tidak termasuk isi rumah yang menggaji pekerja).

(c) Isi rumah yang mengeluarkan produk (tidak termasuk untuk kegunaan sendiri) dan isi rumah yang menggaji pekerja.

(d) Ahli koperasi pengeluaran dan sel 8 tidak diliputi di Malaysia.

3. INDIKATOR PASARAN BURUH 2023

Tenaga buruh merujuk kepada penduduk dalam kumpulan umur bekerja (15 hingga 64 tahun) iaitu bekerja dan penganggur. Kadar pertumbuhan tahunan tenaga buruh di Malaysia meningkat sebanyak 2.6 peratus kepada 16.37 juta orang pada tahun 2023 berbanding 15.53 juta orang pada tahun 2021^r. Kadar Penyertaan Tenaga Buruh (KPTB) pada tahun 2023 meningkat 1.4 mata peratus kepada 70.0 peratus berbanding 68.6 peratus pada tahun 2021^r.

Bilangan penduduk guna tenaga pula meningkat sebanyak 988.2 ribu orang kepada 15.81 juta dalam tempoh yang sama, dengan kadar pertumbuhan tahunan 3.3 peratus. Sementara itu, kadar pengangguran pada tahun 2023 adalah 3.4 peratus berbanding 4.6 peratus pada tahun 2021^r. **[Paparan 2]**

Paparan 2: Indikator pasaran buruh, Malaysia, 2021^r dan 2023

	Tenaga buruh	Guna tenaga	Kadar penyertaan tenaga buruh	Kadar pengangguran
2023	16.37 juta	15.81 juta	70.0%	3.4%
2021 ^r	15.53 juta	14.83 juta	68.6%	4.6%

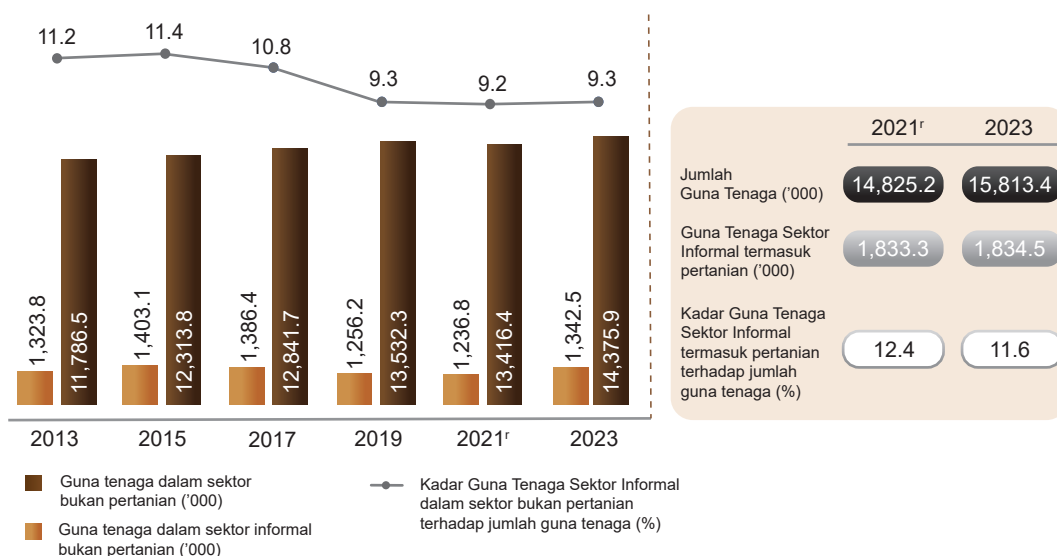
4. GUNA TENAGA DALAM SEKTOR INFORMAL

4.1 Statistik Utama

Jumlah guna tenaga di Malaysia pada tahun 2023 mencapai 15.81 juta, menunjukkan pertumbuhan yang konsisten berbanding tahun-tahun sebelumnya. Selain itu, guna tenaga dalam sektor bukan pertanian turut meningkat secara konsisten, mencapai 14.38 juta pada tempoh yang sama. Guna tenaga dalam sektor informal bagi sektor bukan pertanian meningkat daripada 1,386.4 ribu pada tahun 2017 kepada 1,342.5 ribu pada tahun 2023, manakala guna tenaga dalam sektor informal bagi sektor termasuk pertanian kekal stabil dengan pertumbuhan yang perlahan daripada 1,833.3 ribu pada tahun 2021^r kepada 1,834.5 ribu pada tahun 2023.

Walau bagaimanapun, kadar guna tenaga dalam sektor informal bagi sektor bukan pertanian menunjukkan penurunan, dengan kadar penurunan daripada 10.8 peratus pada tahun 2017 kepada 9.3 peratus pada tahun 2019 dan 2023. Beralih kepada sektor termasuk pertanian, kadar guna tenaga dalam sektor informal terhadap jumlah guna tenaga turut mencatatkan sedikit penurunan, daripada 12.4 peratus pada tahun 2021^r kepada 11.6 peratus pada tahun 2023. Trend ini menunjukkan perubahan struktur dalam dinamik pasaran buruh, di mana jumlah guna tenaga semakin meningkat tetapi bahagian pekerja dalam sektor informal semakin berkurangan.

Carta 1: Bilangan dan sumbangan guna tenaga sektor informal dalam pasaran buruh, Malaysia, 2010 hingga 2023



4.2 Guna tenaga dalam sektor informal mengikut jantina

Secara keseluruhannya, bilangan guna tenaga lelaki mencatatkan seramai 9.85 juta orang dengan merekodkan sumbangan sebanyak 62.3 peratus pada tahun 2023 berbanding tahun 2021^r (9.19 juta orang; 62.0%). Pada masa yang sama, penduduk guna tenaga perempuan merekodkan 5.96 juta orang atau bersamaan dengan 37.7 peratus (2021: 5.63 juta orang; 38.0%). Melihat kepada sektor informal pula, guna tenaga lelaki terus menunjukkan peningkatan sebanyak 0.5 peratus kepada 720.4 ribu orang yang meliputi sebanyak 53.7 peratus daripada jumlah guna tenaga. Begitu juga, guna tenaga perempuan merekodkan pertambahan ketara iaitu sebanyak 9.1 peratus kepada 622.1 ribu orang atau bersamaan dengan 46.3 peratus.

Pada tahun 2023, guna tenaga lelaki sektor informal termasuk Pertanian merekodkan sedikit penurunan iaitu sebanyak -2.7 peratus kepada 1.15 juta orang berbanding tahun 2021^r (1.21 juta orang). Oleh itu, peratus sumbangan lelaki berkurang dari 66.0 peratus pada tahun 2019 kepada 62.5 peratus pada tahun tersebut, walaupun kekal mendominasi sumbangan terbesar dalam sektor informal termasuk Pertanian. Di samping itu, guna tenaga perempuan pula menyumbang sebanyak 37.5 peratus (687.3 ribu orang). **[Carta 2]**

Paparan 2: Guna tenaga dalam sektor informal mengikut jantina, Malaysia, 2021^r dan 2023

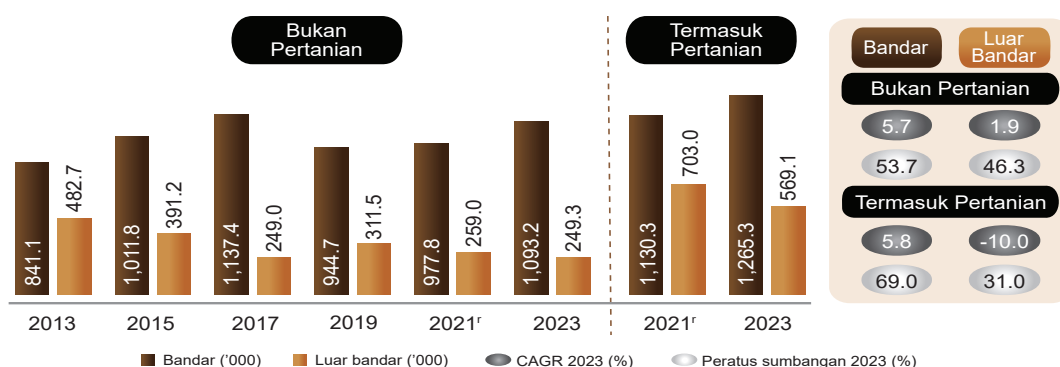


4.3. Guna tenaga dalam sektor informal mengikut strata

Melihat kepada perbandingan mengikut strata, bilangan guna tenaga dalam sektor informal di kawasan bandar menunjukkan pertumbuhan positif, meningkat sebanyak 5.7 peratus atau 115.4 ribu orang kepada 1,093.2 ribu orang pada tahun 2023 (2021^r: 977.8 ribu orang). Walau bagaimanapun, bilangan guna tenaga dalam sektor informal di kawasan luar bandar berkurang sebanyak 1.9 peratus atau bersamaan 9.7 ribu orang kepada 249.3 ribu orang, berbanding 259.0 ribu orang yang direkodkan pada tahun 2021^r.

Majoriti guna tenaga dalam sektor informal termasuk Pertanian juga adalah di kawasan bandar, dengan sumbangan sebanyak 69.0 peratus atau bersamaan 1,265.3 ribu orang, manakala guna tenaga di kawasan luar bandar menyumbang sebanyak 31.0 peratus (569.1 ribu orang). **[Carta 3]**

Carta 2: Guna tenaga dalam sektor informal mengikut strata, Malaysia, 2013 hingga 2023

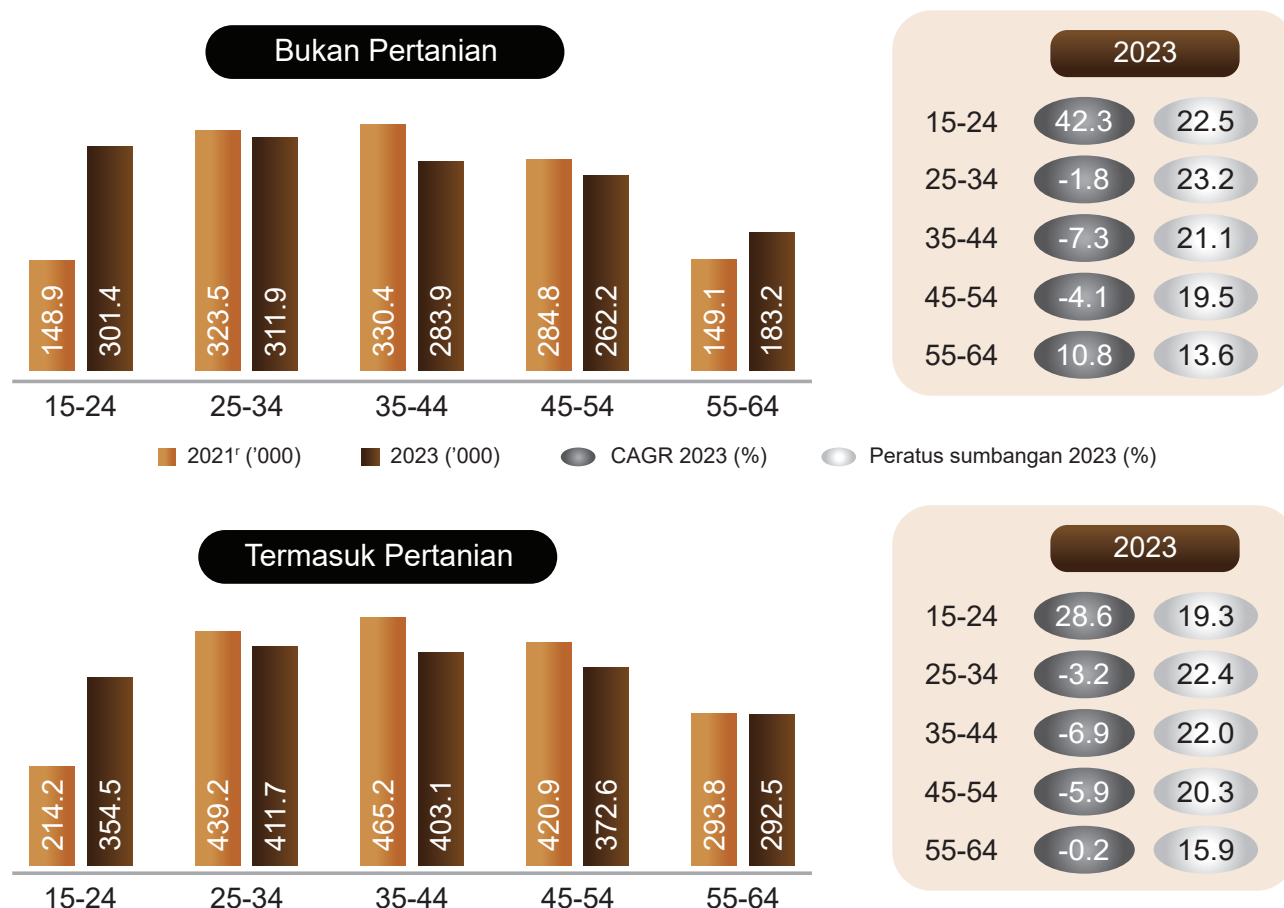


4.4. Guna tenaga dalam sektor informal mengikut taraf pekerjaan

Perincian guna tenaga dalam sektor informal mengikut kumpulan umur, kumpulan umur 25 hingga 34 tahun mencatatkan jumlah guna tenaga yang tertinggi iaitu sebanyak 311.9 ribu orang (23.2%) berbanding 323.5 ribu pada 2021^r. Jumlah ini berkurang sebanyak 1.8 peratus atau bersamaan dengan 11.6 ribu orang. Manakala, kumpulan umur 55 hingga 64 tahun menunjukkan jumlah guna tenaga dalam sektor informal yang paling rendah (183.2 ribu orang, 13.6%) pada 2023 dengan merekodkan peningkatan sebanyak 10.8 peratus berbanding 149.1 ribu orang pada 2021.

Bagi guna tenaga dalam sektor informal termasuk Pertanian, kumpulan umur 25 hingga 34 tahun merangkumi komposisi terbesar iaitu 411.7 ribu orang daripada guna tenaga, mewakili peratus sumbangan sebanyak 22.4 peratus. Ini diikuti oleh kumpulan umur 35 hingga 44 tahun iaitu sebanyak 403.1 ribu orang, merangkumi 22.0 peratus daripada jumlah keseluruhan. Majoriti kumpulan umur mencatatkan penurunan guna tenaga dalam sektor informal kecuali bagi kumpulan umur 15 hingga 24 tahun, iaitu merekodkan peningkatan tertinggi sebanyak 28.6 peratus. [Carta 4]

Carta 3: Guna tenaga dalam sektor informal mengikut kumpulan umur, Malaysia, 2021^r dan 2023



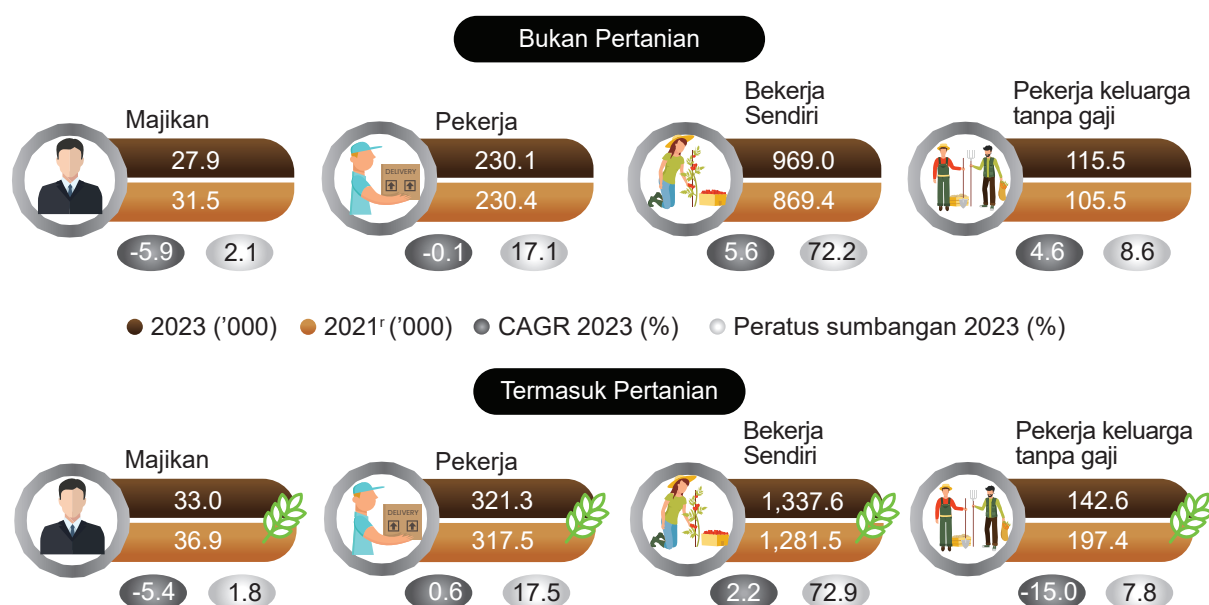
4.5. Guna tenaga dalam sektor informal mengikut taraf pekerjaan

Berdasarkan definisi 15th International Conference of Labour Statisticians, taraf guna tenaga merujuk kepada kedudukan atau taraf seseorang yang bekerja di dalam pertubuhan atau organisasi tempat beliau bekerja dan disesuaikan berasaskan *International Classification of Status in Employment* (ICSE-93). Penduduk bekerja dikelaskan mengikut taraf guna tenaga iaitu majikan, pekerja, bekerja sendiri dan pekerja keluarga tanpa gaji.

Komposisi terbesar guna tenaga dalam sektor informal pada tahun 2023 adalah kategori bekerja sendiri dengan peratus sumbangan sebanyak 72.2 peratus atau bersamaan 969.0 ribu orang, diikuti oleh kategori pekerja (17.1%; 230.1 ribu orang), pekerja keluarga tanpa gaji (8.6%; 115.5 ribu orang) dan majikan (2.1%; 27.9 ribu orang).

Selain itu, bekerja sendiri juga menyumbang peratusan terbesar guna tenaga sektor informal termasuk Pertanian, iaitu sebanyak 72.9 peratus atau bersamaan dengan 1,337.6 ribu orang, diikuti oleh kategori pekerja dengan 17.5 peratus (321.3 ribu orang). Seterusnya adalah pekerja keluarga tidak bergaji dan majikan masing-masing dengan peratus sumbangan sebanyak 7.8 peratus (142.6 ribu orang) dan 1.8 peratus (33.0 ribu orang). **[Paparan 3]**

Paparan 3: Guna tenaga dalam sektor informal mengikut taraf pekerjaan, Malaysia, 2021¹ dan 2023

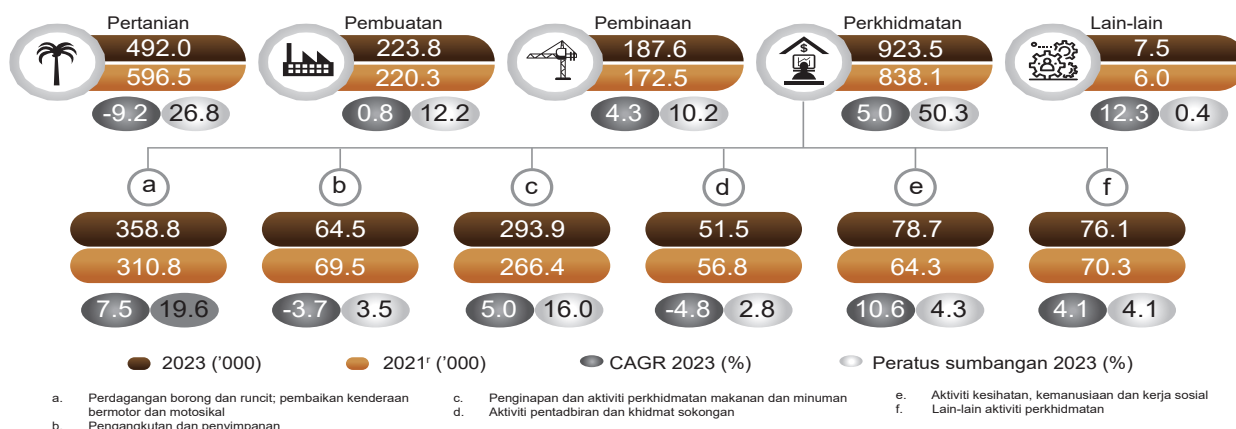


4.6. Guna tenaga dalam sektor informal mengikut industri

Manual mendefinisikan pengelasan guna tenaga dalam sektor informal mengikut industri sebagai aktiviti yang berkaitan dengan guna tenaga utamanya. Industri dikelaskan mengikut Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 versi 1.0 berdasarkan *International Standard Industrial Classification of All Economic Activities* (ISIC) Revision 4.

Lebih separuh daripada guna tenaga dalam sektor informal tertumpu dalam sektor Perkhidmatan dengan peratus sumbangan sebanyak 50.3 peratus atau bersamaan 923.5 ribu orang. Sektor ini didominasi oleh industri Perdagangan borong dan runcit, pembaikan kenderaan bermotor dan motosikal dengan sumbangan sebanyak 19.6 peratus, diikuti oleh Penginapan dan aktiviti perkhidmatan makanan & minuman (16.0%) dan Aktiviti kesihatan, kemanusiaan dan kerja sosial (4.3%). Seterusnya, sektor Pertanian berada di tangga kedua dengan 26.8 peratus (492.0 ribu orang) diikuti oleh Pembuatan (12.2%; 223.8 ribu orang) dan Pembinaan (10.2%; 187.6 ribu). Manakala, selebihnya 0.4 peratus (7.5 ribu orang) dicatatkan oleh lain-lain sektor. Kesemua sektor merekodkan pertumbuhan CAGR yang positif kecuali sektor Pertanian. **[Paparan 4]**

Paparan 4: Guna tenaga dalam sektor informal mengikut kategori pekerjaan, Malaysia, 2021^r dan 2023



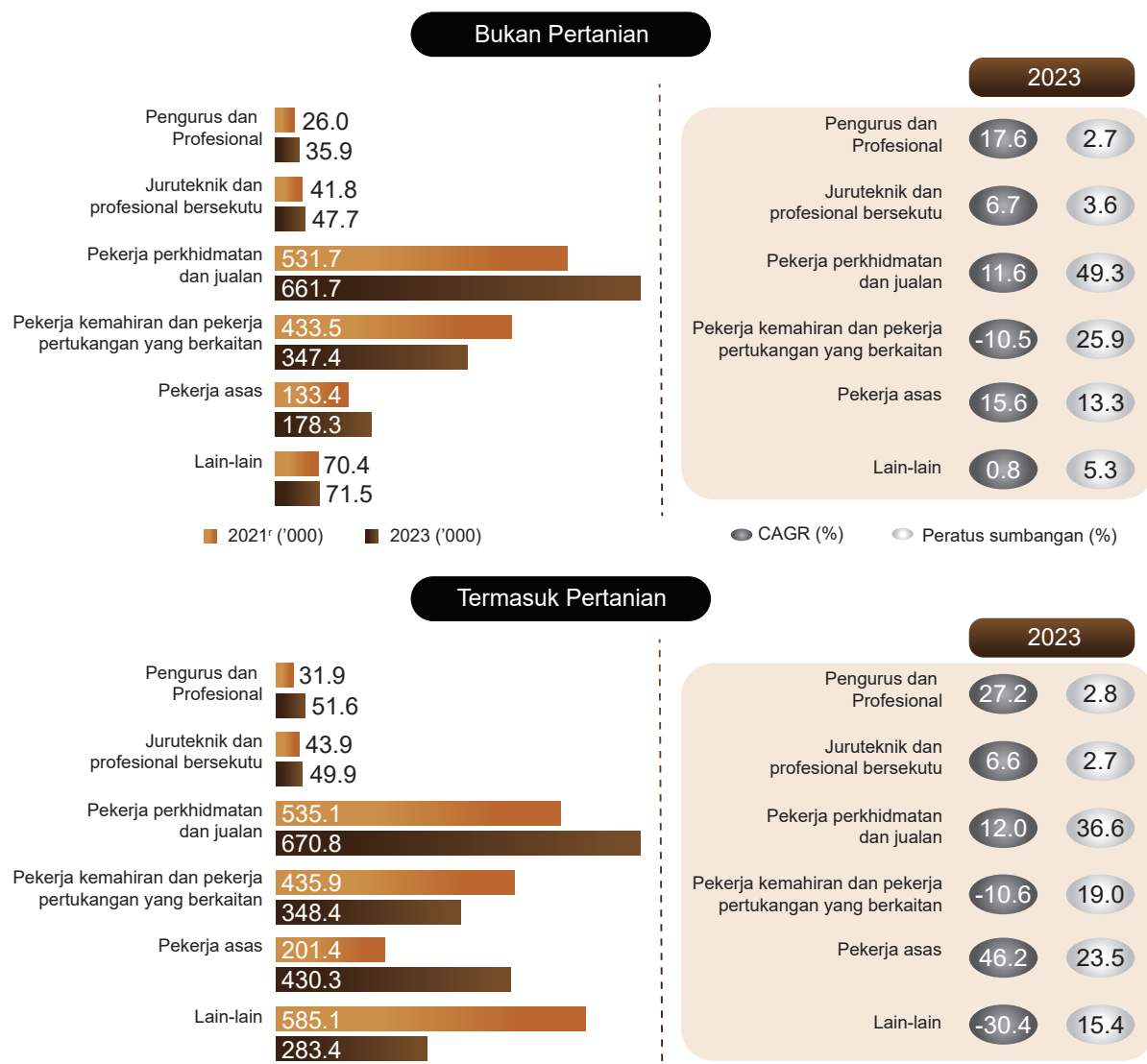
4.7. Guna tenaga dalam sektor informal mengikut kategori pekerjaan

Guna tenaga dalam sektor informal mengikut kategori guna tenaga dikelaskan mengikut klasifikasi Piawaian Pengelasan Guna tenaga Malaysia (MASCO). MASCO menyusun pekerjaan mengikut kategori hierarki, sejajar dengan ISCO-08 (*International Standard Classification of Occupations*). Klasifikasi ini membantu dalam analisis pasaran buruh, perancangan tenaga kerja, dan pembangunan kemahiran dengan memantau trend pekerjaan serta menangani keperluan tenaga kerja. Selain itu, ia digunakan secara meluas oleh sektor awam dan swasta kerana ia memastikan pengumpulan data yang tepat untuk tujuan penyelidikan dan penggubalan dasar.

Bagi sektor bukan pertanian pada tahun 2023, Pekerja perkhidmatan dan jualan mendominasi sektor informal dengan nilai GTSI sebanyak 661.7 ribu pekerja, menyumbang 36.6 peratus daripada keseluruhan tenaga kerja. Kumpulan kedua terbesar ialah Pekerja kemahiran dan pekerja pertukangan yang berkaitan dengan 347.4 ribu pekerja, mewakili 19.0 peratus daripada jumlah keseluruhan. Pengurus dan profesional merekodkan peratus terkecil iaitu 2.8 peratus, dengan 35.9 ribu pekerja. Dari segi pertumbuhan, Pekerja asas mencatatkan peningkatan tertinggi sebanyak 46.2 peratus, menunjukkan peningkatan yang kukuh dalam kategori ini, manakala Pekerja kemahiran dan pekerja pertukangan yang berkaitan mengalami pertumbuhan paling rendah, dengan penurunan sebanyak -10.6 peratus, mencerminkan penurunan dalam kategori ini. **[Carta 4]**

Beralih kepada sektor pertanian, Pekerja perkhidmatan dan jualan terus mendominasi sektor informal dengan nilai guna tenaga dalam sektor informal sebanyak 670.8 ribu pekerja, menyumbang 28.8 peratus daripada tenaga kerja keseluruhan. Kumpulan kedua terbesar ialah Pekerja asas, dengan 430.3 ribu pekerja, mewakili 23.5 peratus daripada jumlah keseluruhan. Pekerja kemahiran dan pekerja pertukangan yang berkaitan menyumbang 19.0 peratus dengan 348.4 ribu pekerja, manakala Pengurus dan profesional mempunyai peratus sumbangan terkecil iaitu 0.5 peratus, dengan 10.2 ribu pekerja. Dari segi pertumbuhan, Pekerja asas mencatatkan peningkatan tertinggi sebanyak 46.2 peratus, mencerminkan pertumbuhan yang ketara, sementara Pekerja kemahiran dan pekerja pertukangan yang berkaitan mengalami pertumbuhan paling rendah, dengan penurunan sebanyak -10.6 peratus, menunjukkan penurunan yang signifikan dalam kategori ini. **[Carta 4]**

Carta 4: Guna tenaga dalam sektor informal mengikut kategori pekerjaan, Malaysia, 2021^r dan 2023

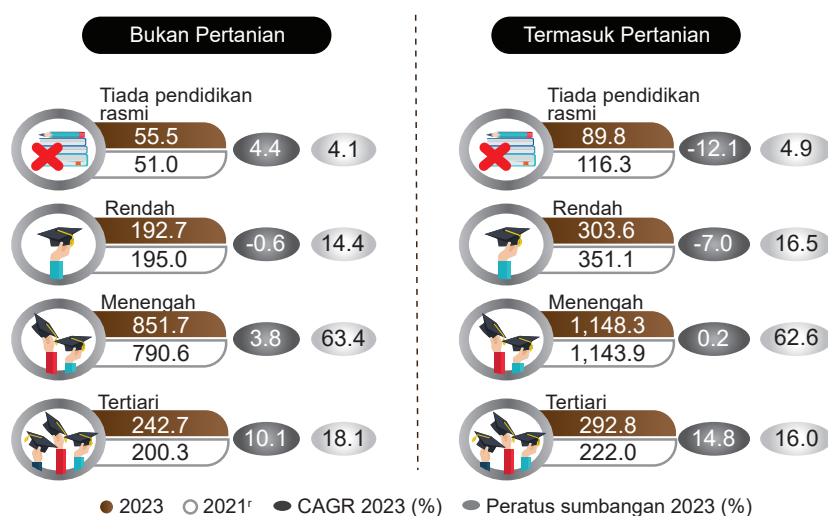


4.8. Guna tenaga dalam sektor informal mengikut pencapaian pendidikan

Guna tenaga berpendidikan menengah mendahului dalam sektor informal bukan pertanian dengan peratus sumbangan sebanyak 63.4 peratus, berkurang 0.5 mata peratus berbanding 63.9 peratus pada 2021^r. Ini diikuti oleh pendidikan rendah dan tertiar dengan peratus sumbangan masing-masing sebanyak 18.1 peratus dan 14.4 peratus. Tambahan pula, kategori tiada pendidikan rasmi kekal dengan peratusan terendah sebanyak 4.1 peratus pada tahun 2023. Pendidikan tertiar mengalami pertumbuhan tertinggi berbanding pencapaian pendidikan yang lain, mencatatkan 10.1 peratus pertumbuhan CAGR.

Bagi sektor informal termasuk pertanian, mereka yang berpendidikan menengah mendominasi guna tenaga dengan peratus sumbangan sebanyak 62.6 peratus atau bersamaan 1,148.3 ribu orang. Manakala mereka yang berpendidikan rendah mengikuti dengan sumbangan sebanyak 16.5 peratus atau 303.6 ribu. Akhir sekali, mereka yang berpendidikan tertiar dan tiada pendidikan rasmi masing-masing melengkapi peratus sumbangan dengan 16.0 peratus (292.8 ribu) dan 4.9 peratus (89.8 ribu).

Paparan 5: Guna tenaga dalam sektor informal mengikut pencapaian pendidikan, Malaysia, 2021^r dan 2023

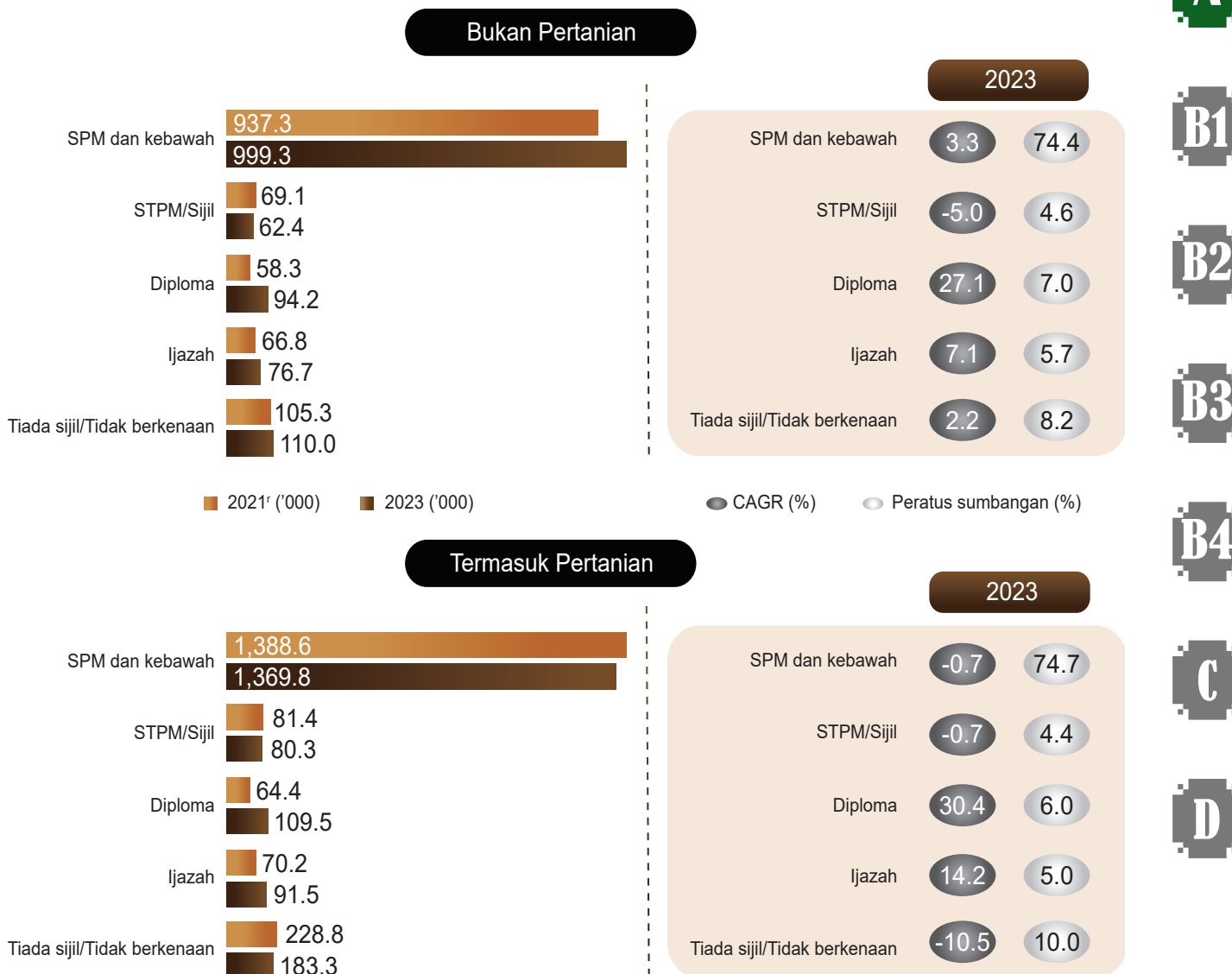


4.9 Guna tenaga dalam sektor informal mengikut sijil tertinggi

Bagi kategori bukan pertanian, kumpulan SPM dan ke bawah menjadi penyumbang utama kepada guna tenaga dalam sektor informal yang daripada 937.3 ribu pada tahun 2021^r kepada 999.3 ribu pada tahun 2023. Sebaliknya, kumpulan STPM/Sijil merekodkan guna tenaga terendah iaitu 62.4 ribu pada tahun 2023. Dari segi peratus sumbangan, kumpulan SPM dan ke bawah juga mencatatkan peratusan tertinggi pada 74.4 peratus, sementara kumpulan STPM/Sijil merekodkan sumbangan terendah pada 4.6 peratus. Melihat kepada pencapaian pertumbuhan, kumpulan Diploma menunjukkan kadar pertumbuhan tertinggi sebanyak 27.1 peratus, menunjukkan peningkatan penyertaan yang ketara. Namun demikian, pertumbuhan terendah ialah kumpulan STPM/Sijil, yang mencatat kadar -5.0 peratus, menunjukkan penurunan dalam guna tenaga dalam sektor informal.

Dalam kategori termasuk pertanian, kumpulan SPM dan ke bawah juga mendominasi, walaupun menunjukkan penurunan jumlah guna tenaga daripada 1,388.6 ribu pada tahun 2021^r kepada 1,369.8 ribu pada tahun 2023. Namun demikian, kumpulan STPM/Sijil merekodkan jumlah guna tenaga terendah iaitu 80.3 ribu pada tahun 2023. Dari segi peratus sumbangan, kumpulan SPM dan ke bawah merupakan penyumbang terbesar dengan 74.7 peratus, manakala STPM/Sijil mencatatkan sumbangan terendah pada 4.4 peratus. Dalam aspek pertumbuhan, kumpulan Diploma mencatat kadar tertinggi sebanyak 30.4 peratus, mencerminkan pertumbuhan positif dan signifikan dalam kategori ini. Sebaliknya, kumpulan dengan pertumbuhan terendah ialah Tiada sijil/Tidak berkenaan, dengan kadar -10.5 peratus, menunjukkan cabaran berterusan dalam menarik lebih ramai guna tenaga dalam kumpulan ini. **[Carta 5]**

Carta 5: Guna tenaga dalam sektor informal mengikut sijil tertinggi, Malaysia, 2021^r dan 2023



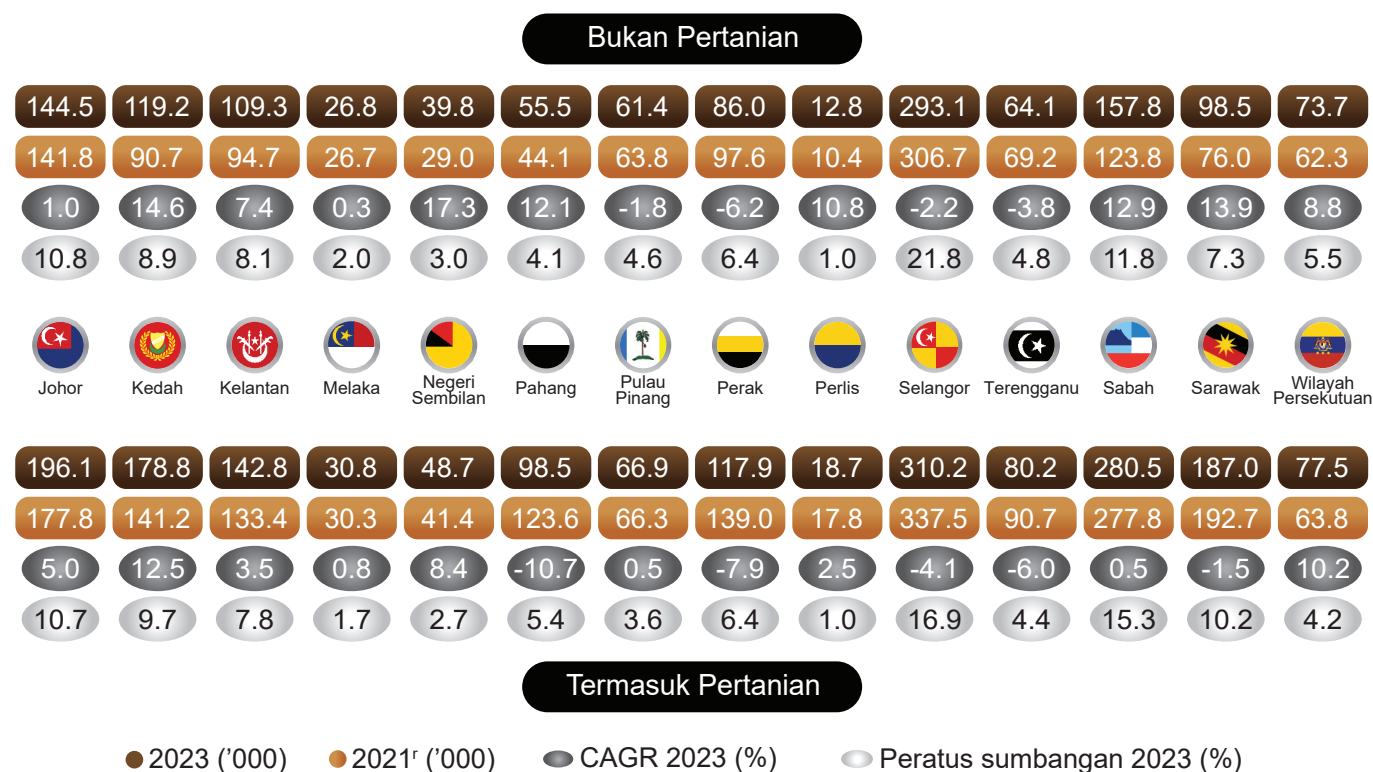
4.10 Guna tenaga dalam sektor informal mengikut negeri

Jumlah guna tenaga dalam sektor informal di Malaysia pada tahun 2023 meningkat 4.2 peratus. Peningkatan ini adalah disebabkan oleh pertumbuhan positif yang direkodkan kebanyakan negeri kecuali Pulau Pinang, Perak, Selangor dan Terengganu. Dari segi peratus sumbangan mengikut negeri, Selangor mencatatkan peratusan tertinggi dalam guna tenaga sektor informal, dengan sumbangan sebanyak 21.8 peratus. Ini diikuti oleh Sabah dengan 11.8 peratus dan Johor dengan 10.8 peratus, manakala Perlis mencatatkan sumbangan terendah iaitu 1.0 peratus.

Secara keseluruhannya, Selangor (21.8%), Sabah (11.8%), dan Johor (10.8%) mewakili 44.4 peratus daripada jumlah guna tenaga dalam sektor informal di Malaysia. Berbanding dengan tahun 2021^r, ketiga-tiga negeri ini mengalami peningkatan sebanyak 23.2 ribu guna tenaga dalam sektor informal. Sebaliknya, Perak dan Terengganu mengalami penurunan yang ketara, dengan guna tenaga dalam sektor informal masing-masing menurun sebanyak 6.2 peratus (11.7 ribu orang) dan 3.8 mata peratus (5.2 ribu orang). **[Paparan 6]**

Selain itu, guna tenaga dalam sektor informal termasuk pertanian di Perak, Selangor dan Terengganu juga menurun, diikuti oleh Pahang dan Sarawak sementara negeri-negeri lain menunjukkan peningkatan yang positif. Dari segi peratus sumbangan, Selangor menduduki tempat teratas dalam sektor informal termasuk Pertanian, menyumbang sebanyak 16.9 peratus atau 310.2 ribu pekerjaan, diikuti oleh Sabah dengan 280.5 ribu pekerjaan (15.3%) dan Johor dengan 196.1 ribu pekerjaan (10.7%).

Paparan 6: Guna tenaga dalam sektor informal mengikut negeri, Malaysia, 2021^r dan 2023



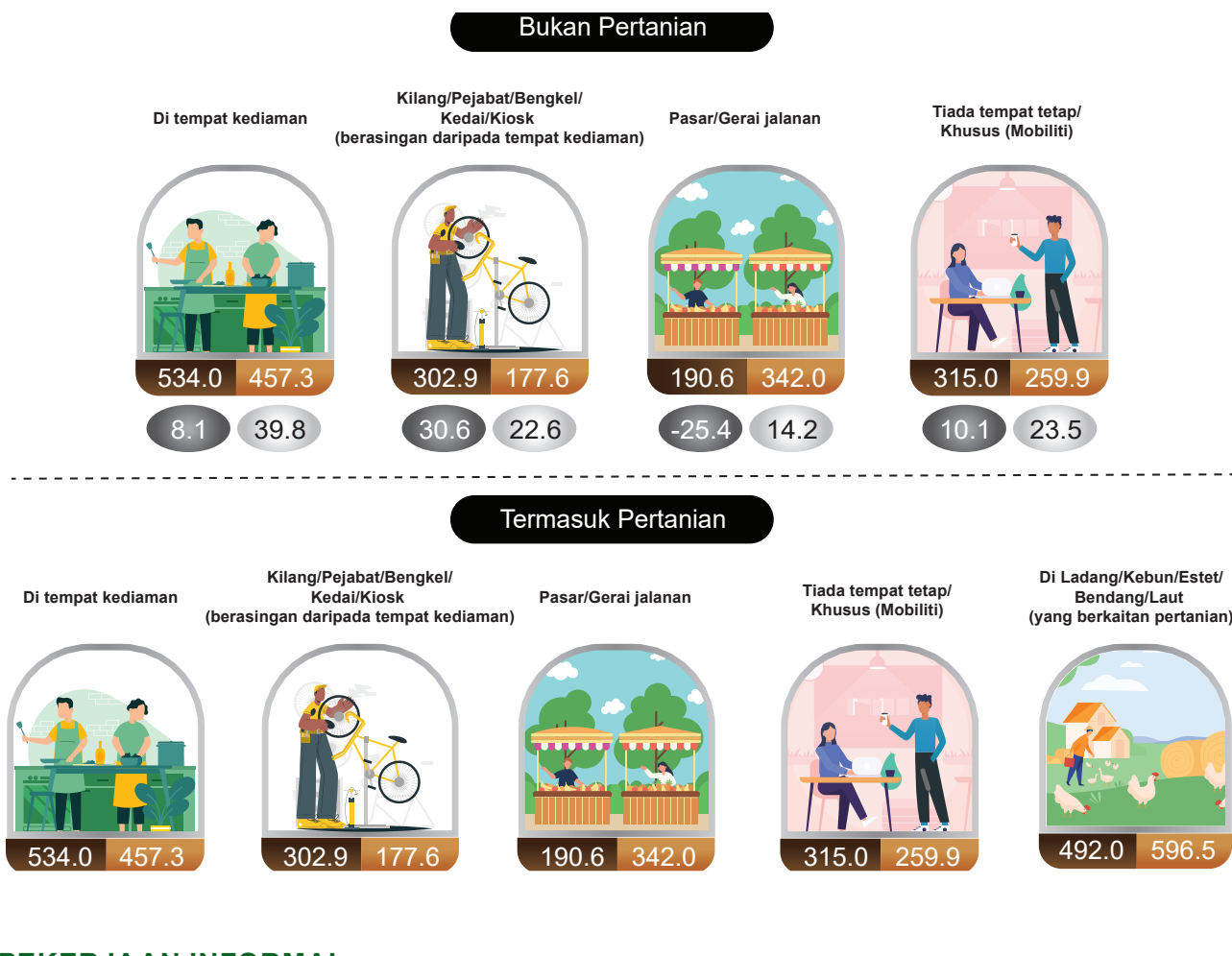
4.11 Guna tenaga dalam sektor informal mengikut tempat kerja

Jenis tempat kerja merupakan salah satu faktor yang mempengaruhi pemilihan pekerjaan. Survei ini juga telah mendapatkan maklumat daripada responden berkenaan tempat kerja mereka. Terdapat lima kategori utama tempat kerja guna tenaga dalam sektor informal iaitu di tempat kediaman, kilang, pejabat, bengkel, kedai, kiosk, dll. (berasingan daripada tempat kediaman), pasar atau gerai jalanan, tiada tempat yang tetap/khusus dan di ladang, kebun, estet, bendang, laut dll.

Bagi sektor pertanian, nilai tertinggi guna tenaga dalam sektor informal adalah 596.5 ribu pada tahun 2021^r untuk tempat kerja di ladang, kebun, estet, dan laut, yang menurun kepada 492.0 ribu pada tahun 2023. Ini mencerminkan penguncupan dengan kadar pertumbuhan terendah pada -9.2 peratus, menekankan peranan sektor ini yang semakin berkurang dalam pekerjaan informal. Sebaliknya, pasar atau gerai jalanan mencatatkan nilai guna tenaga dalam sektor informal yang terendah iaitu 190.6 ribu pada tahun 2023, yang menurun daripada 342.0 ribu pada tahun 2021^r. **[Paparan 7]**

Pada tahun 2023, kadar pertumbuhan bagi sektor bukan pertanian di kilang, pejabat, bengkel, kedai, atau kiosk (berasingan daripada tempat kediaman) meningkat kepada 30.6 peratus, yang mencatatkan pertumbuhan yang signifikan daripada 177.6 ribu pada tahun 2021^r kepada 302.9 ribu pada tahun 2023. Sebaliknya, pasar atau gerai jalanan mencatatkan penurunan yang ketara dengan kadar pertumbuhan -25.4 peratus, menurun daripada 342.0 ribu pada tahun 2021^r kepada 190.6 ribu pada tahun 2023. **[Paparan 7]**

Paparan 7: Guna tenaga dalam sektor informal mengikut tempat kerja, Malaysia, 2021^r dan 2023



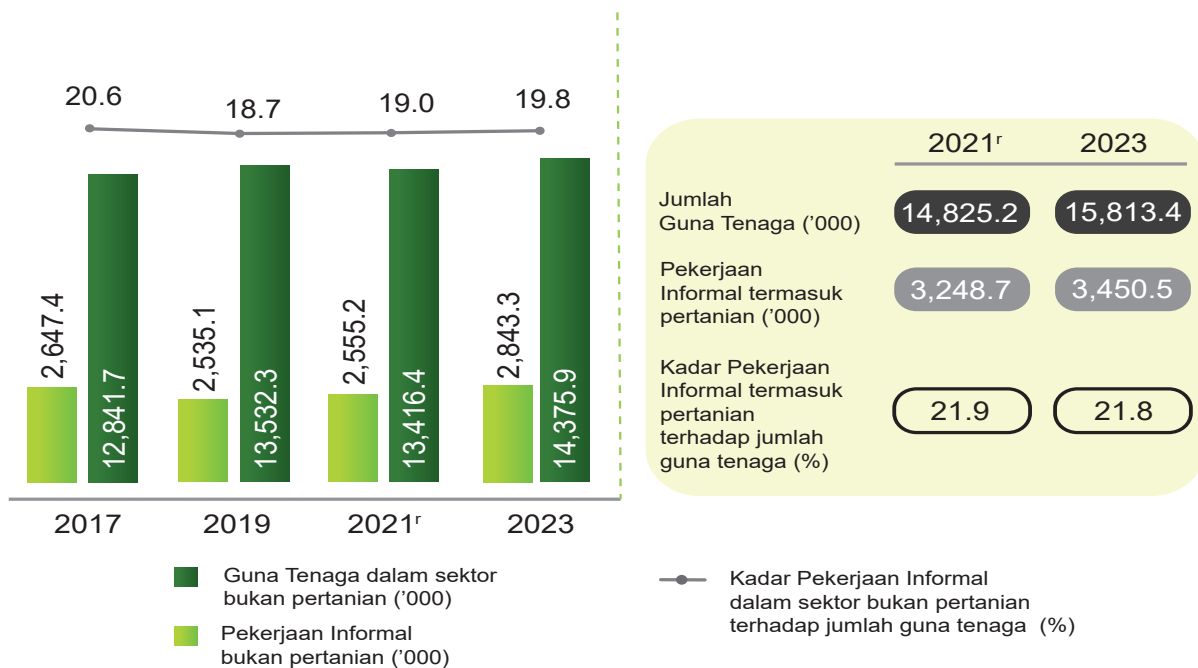
5. PEKERJAAN INFORMAL

5.1 Statistik Utama

Trend pekerjaan informal dalam pasaran buruh Malaysia antara tahun 2017 hingga 2023 menunjukkan perubahan yang signifikan. Jumlah guna tenaga meningkat kepada 15.81 juta orang pada tahun 2023, dengan guna tenaga dalam sektor bukan pertanian mencapai 14.38 juta orang. Bagi sektor bukan pertanian, bilangan pekerjaan informal mencatatkan peningkatan iaitu daripada 2.65 juta orang pada tahun 2017 kepada 2.84 juta orang pada tahun 2023. Peratusan pekerjaan informal dalam sektor bukan pertanian terhadap jumlah guna tenaga merekodkan penurunan, daripada 20.6 peratus pada tahun 2017 kepada 19.8 peratus pada tahun 2023, menunjukkan peralihan ke arah formaliti dalam sektor ini.

Beralih kepada sektor termasuk pertanian, bilangan pekerjaan informal meningkat dengan perlahan daripada 3.25 juta orang pada tahun 2021^r kepada 3.45 juta orang pada tahun 2023, manakala peratusan pekerjaan informal terhadap jumlah guna tenaga kekal stabil pada 21.9 peratus (2021^r) dan 21.8 peratus (2023). Angka-angka ini menunjukkan pengurangan berterusan pekerjaan informal dalam sektor bukan pertanian, manakala sektor termasuk pertanian terus mengekalkan peratus sumbangan yang signifikan dalam guna tenaga informal. **[Carta 7]**

Carta 7: Bilangan dan sumbangan guna tenaga sektor informal dalam pasaran buruh, Malaysia, 2010 hingga 2023



5.2 Pekerjaan informal mengikut jantina

Pada tahun 2023, pekerjaan informal bagi lelaki merupakan komposisi utama dalam sektor bukan pertanian mencatatkan 1,583.4 ribu orang (55.7%) berbanding 1,467.3 ribu orang pada 2021^r. Manakala, perempuan merekodkan bilangan seramai 1,259.9 ribu orang (44.3%) berbanding 1,087.9 ribu orang. Melihat kepada kadar pertumbuhan, lelaki dan perempuan masing-masing naik sebanyak 3.9 peratus dan 7.6 peratus, pada tahun 2023.

Bagi pekerjaan informal termasuk pertanian, lelaki juga mendahului dengan bilangan seramai 2,103.1 ribu orang (61.0%), naik sebanyak 1.4 peratus berbanding 2,043.7 ribu orang pada tahun 2021^r. Begitu juga, bagi perempuan naik sebanyak 5.7 peratus iaitu seramai 1,347.3 ribu orang (39.0%) berbanding 1,205.0 ribu orang pada tahun lalu. **[Paparan 8]**

Paparan 8: Pekerjaan informal mengikut jantina, Malaysia, 2021^r dan 2023

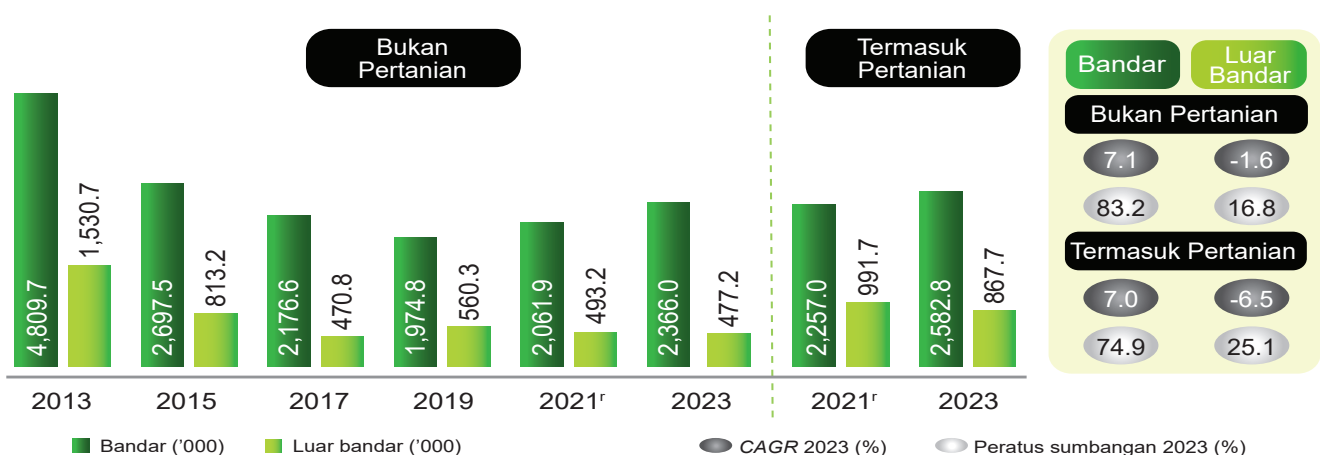


5.3. Pekerja informal mengikut strata

Bilangan pekerjaan informal bagi bukan pertanian di kawasan bandar adalah sebanyak 2,366.0 ribu orang pada tahun 2023, meningkat sebanyak 7.1 peratus daripada 2,061.9 ribu orang pada tahun 2021^r. Manakala, bilangan pekerjaan informal di kawasan luar bandar menurun sebanyak 1.6 peratus kepada 477.2 ribu orang (2021^r: 493.2 ribu orang). Majoriti pekerjaan informal adalah tertumpu di kawasan bandar dengan sumbangan sebanyak 80.7 peratus.

Pada tahun tersebut, komposisi terbesar bagi pekerjaan informal termasuk pertanian juga adalah di kawasan bandar, dengan 74.9 peratus atau bersamaan 2,582.8 ribu orang, manakala pekerjaan informal di kawasan luar bandar menyumbang sebanyak 25.1 peratus (867.7 ribu orang) seperti yang ditunjukkan dalam. [Carta 8]

Carta 8: Pekerja informal mengikut strata, Malaysia, 2013 hingga 2023



5.4. Pekerja informal mengikut taraf pekerjaan

Kumpulan umur 25 hingga 34 tahun mencatatkan pekerjaan informal yang tertinggi iaitu sebanyak 768.8 ribu orang (27.0%) berbanding 734.2 ribu pada 2021^r. Jumlah ini meningkat sebanyak 2.3 peratus atau bersamaan dengan 34.6 ribu orang. Manakala, kumpulan umur 55 hingga 64 tahun menunjukkan bilangan pekerjaan informal yang paling rendah (325.9 ribu orang, 11.5%) pada 2023 dengan merekodkan peningkatan sebanyak 11.5 peratus (2021^r: 262.0 ribu orang).

Bagi pekerjaan informal termasuk pertanian, kumpulan umur 25 hingga 34 tahun merangkumi komposisi terbesar pekerjaan informal, merekodkan 26.2 peratus (904.0 ribu orang). Ini diikuti oleh kumpulan umur 35 hingga 44 tahun pada 22.7 peratus (783.3 ribu orang). Walau bagaimanapun, jumlah guna tenaga bagi kumpulan umur ini mencatatkan penurunan sebanyak 1.3 peratus atau bersamaan dengan 20.2 ribu orang berbanding tahun 2021^r. [Carta 9]

Carta 9: Pekerjaan informal mengikut kumpulan umur, Malaysia, 2021^r dan 2023

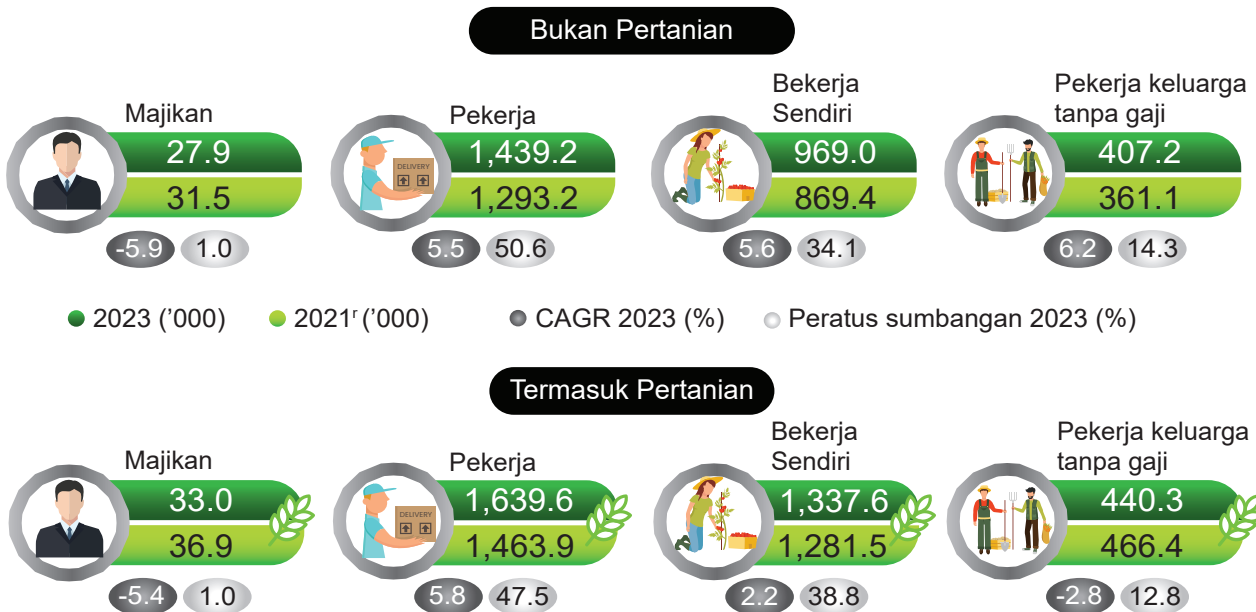


5.5. Pekerjaan informal mengikut taraf pekerjaan

Pada tahun 2023, kategori pekerja merupakan komposisi terbesar pekerjaan informal iaitu sebanyak 50.6 peratus atau bersamaan dengan 1,439.2 ribu orang diikuti oleh kategori bekerja sendiri (34.1%; 969.0 ribu orang), pekerja keluarga tanpa gaji (14.3%; 407.2 ribu orang), dan majikan (1.0%; 27.9 ribu orang).

Bagi pekerjaan informal termasuk pertanian, kategori pekerja juga kekal mendahului dengan sumbangan sebanyak 47.5 peratus atau bersamaan 1,639.6 ribu orang, diikuti oleh kategori bekerja sendiri dengan 38.8 peratus (1,337.6 ribu orang). Seterusnya, pekerja keluarga tidak bergaji dan majikan masing-masing dengan peratus sumbangan sebanyak 12.8 peratus (440.3 ribu orang) dan 1.0 peratus (33.0 ribu orang). **[Paparan 9]**

Paparan 9: Pekerjaan informal mengikut taraf pekerjaan, Malaysia, 2021^r dan 2023



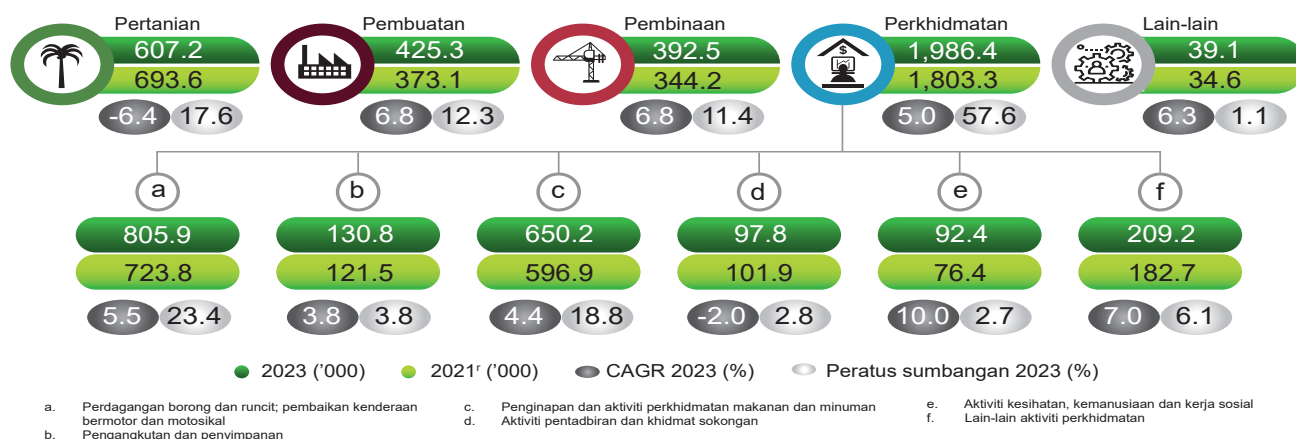
5.6 Pekerjaan informal mengikut industri

Berdasarkan perincian pekerjaan informal mengikut industri pada tahun 2023, sektor Perkhidmatan mendominasi dengan peratus sumbangan sebanyak 57.6 peratus (1,986.4 ribu orang) diikuti oleh Pertanian (17.6%; 607.2 ribu orang) dan Pembuatan (12.3%; 425.3 ribu orang). Seterusnya ialah sektor Pembinaan yang menyumbang sebanyak 11.4 peratus (392.5 ribu orang) dan lain-lain sektor dengan 1.0 peratus atau 39.1 ribu orang.

Penyumbang utama pekerjaan informal dalam sektor Perkhidmatan dicatatkan oleh subsektor Perdagangan borong dan runcit, pembaikan kenderaan bermotor dan motosikal; dan industri Penginapan dan aktiviti perkhidmatan makanan dan minuman masing-masing dengan peratus sumbangan sebanyak 23.4 peratus (805.9 ribu orang) dan 18.8 peratus (650.2 ribu orang).

Melihat kepada prestasi pertumbuhan pula, kedua-dua sektor Pembuatan dan Pembinaan mencatatkan pertumbuhan tertinggi iaitu sebanyak 6.8 peratus. Sementara itu, sektor Pertanian merekodkan pertumbuhan negatif pada 6.4 peratus. **[Paparan 10]**

Paparan 10: Pekerjaan informal mengikut kategori pekerjaan, Malaysia, 2021^r dan 2023

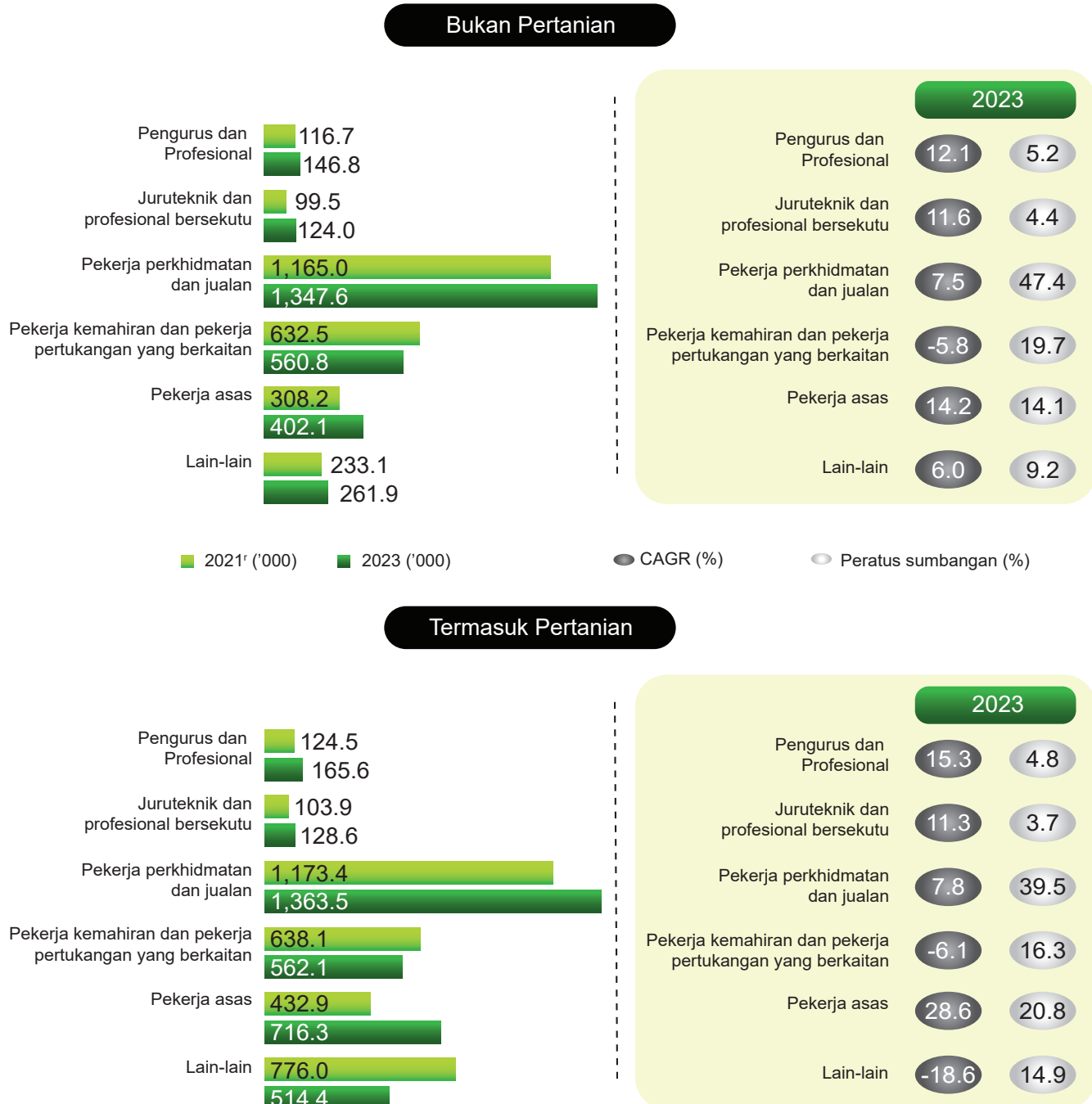


5.7 Pekerjaan informal mengikut kategori pekerjaan

Carta ini memaparkan trend pekerjaan informal mengikut kategori pekerjaan di Malaysia antara tahun 2021^r dan 2023, merangkumi sektor bukan pertanian dan pertanian. Dalam sektor bukan pertanian, pekerjaan informal menunjukkan trend yang fluktuasi antara kategori pekerjaan dari tahun 2021 hingga 2023. Pekerja perkhidmatan dan jualan mendominasi pekerjaan informal dalam sektor bukan pertanian, merekodkan peningkatan sebanyak 7.5 peratus daripada 1.2 juta orang kepada 1.3 juta orang, dengan peratus sumbangan sebanyak 47.4 peratus. Sebaliknya, bilangan juruteknik dan profesional bersekutu meningkat daripada 99.5 ribu orang kepada 124.0 ribu orang, dengan kadar pertumbuhan sebanyak 11.6 peratus. Kategori ini menyumbang kepada bahagian yang lebih kecil pada tahun 2023, sebanyak 4.4 peratus. Sementara itu, pekerja kemahiran dan pekerja pertukangan yang berkaitan mengalami penurunan daripada 632.5 ribu orang kepada 560.8 ribu orang, pada negatif 5.8 peratus.

Bagi pekerjaan informal termasuk pertanian, pekerja perkhidmatan dan jualan terus mendominasi, dengan sumbangan sebanyak 39.5 peratus. Kategori ini meningkat sebanyak 7.8 peratus dengan peningkatan pekerjaan daripada 1.2 juta orang kepada 1.4 juta orang. Pertumbuhan ketara dilihat dalam pekerjaan asas iaitu sebanyak 28.6 peratus daripada 432.9 ribu orang kepada 716.3 ribu orang (sumbangan: 20.8%). Sebaliknya, pekerja kemahiran dan pekerja pertukangan yang berkaitan mencatatkan penurunan mendadak dengan jumlah pekerjaan menurun sebanyak 6.1 peratus, mencerminkan perubahan struktur dan penurunan permintaan dalam kategori ini. **[Carta 10]**

Carta 10: Pekerjaan informal mengikut kategori pekerjaan, Malaysia, 2021^r dan 2023

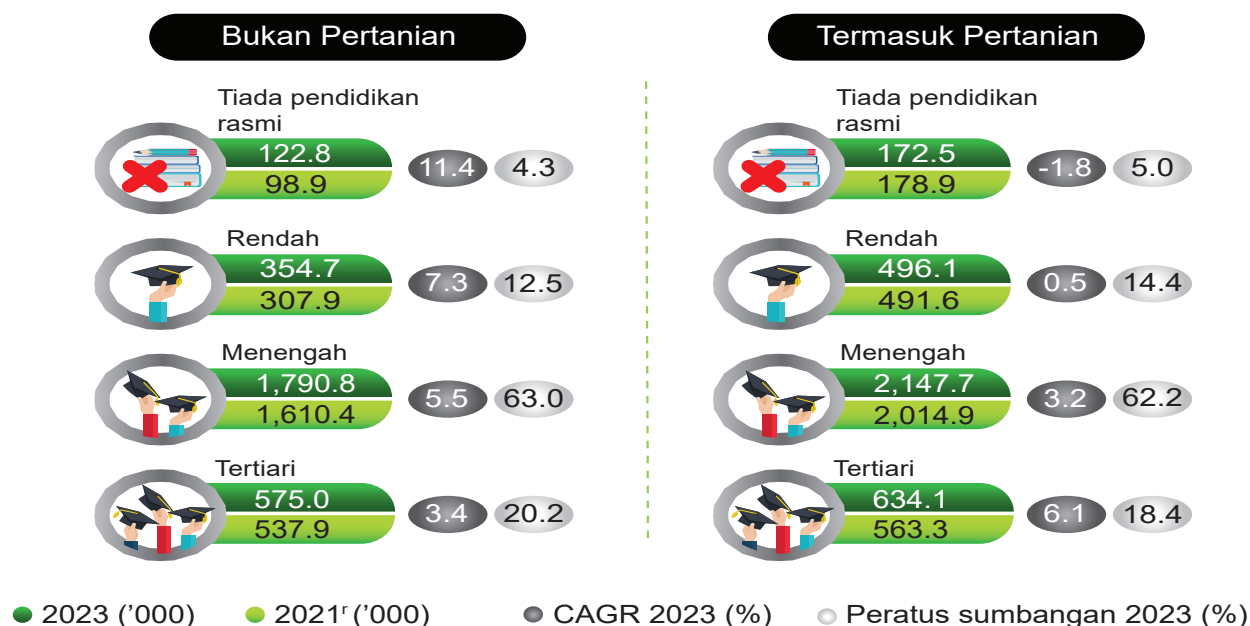


5.8 Pekerjaan informal mengikut pencapaian pendidikan

Pada 2023, mereka yang berpendidikan menengah merupakan penyumbang utama kepada pekerja informal tidak termasuk pertanian dengan 63.0 peratus atau bersamaan dengan 1,790.8 ribu. Ini disusuli oleh pendidikan menengah dengan 20.2 peratus dan pendidikan rendah dengan 12.5 peratus. Sementara itu, sebanyak 4.3 peratus yang lain merupakan mereka yang tiada pendidikan rasmi, dimana ia mencatatkan pertumbuhan tertinggi antara kesemua dengan pertumbuhan sebanyak 11.4 peratus.

Berkenaan pekerja informal termasuk pertanian, sejumlah 2,147.7 ribu pekerja informal dengan pendidikan menengah merekodkan sumbangan tertinggi sebanyak 62.2 peratus. Seterusnya, mereka berpendidikan tinggi dan berpendidikan rendah masing-masing menyumbang kepada peratusan sebanyak 18.4 peratus (634.1 ribu orang) dan 14.4 peratus (496.1 ribu orang). Tambahan pula, baki 5.0 peratus atau 172.5 ribu orang adalah mereka yang tiada pendidikan rasmi. **[Paparan 11]**

Paparan 11: Pekerjaan informal mengikut pencapaian pendidikan, Malaysia, 2021^r dan 2023



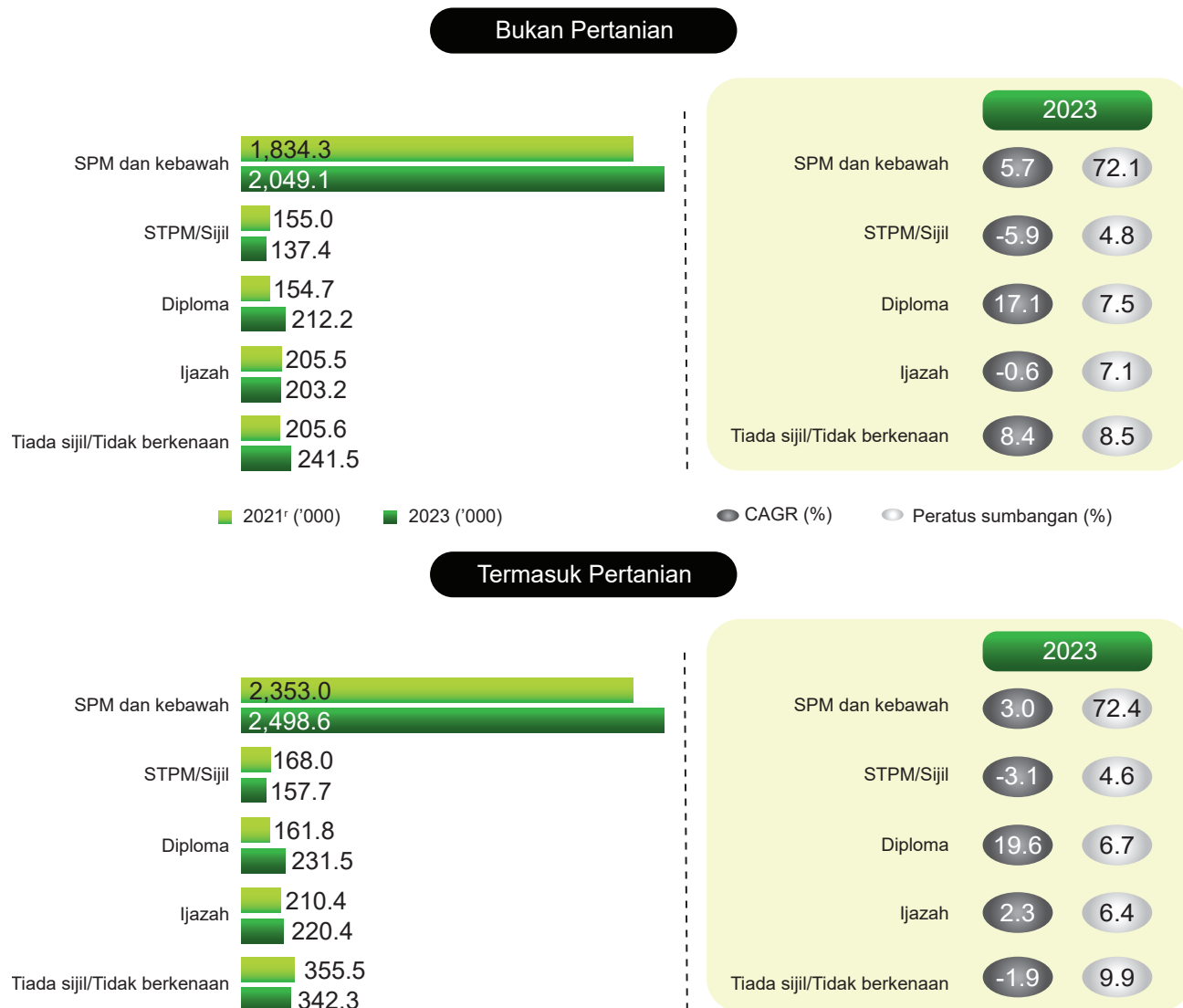
5.9 Pekerjaan informal mengikut sijil tertinggi

Bagi kategori bukan pertanian, kumpulan SPM dan ke bawah adalah penyumbang utama kepada pekerjaan informal dengan jumlah pekerja meningkat daripada 1,834.3 ribu orang pada tahun 2021^r kepada 2,049.1 ribu orang pada tahun 2023. Sebaliknya, kumpulan STPM/Sijil merekodkan jumlah pekerja terendah iaitu 137.4 ribu orang pada tahun 2023.

Dari segi peratus sumbangan, kumpulan SPM dan ke bawah juga mencatatkan peratusan tertinggi pada 72.1 peratus, sementara kumpulan STPM/Sijil merekodkan sumbangan terendah pada 4.8 peratus. Kumpulan Diploma menunjukkan kadar pertumbuhan tertinggi sebanyak 17.1 peratus. Sementara itu, kumpulan dengan pertumbuhan terendah ialah STPM/Sijil, yang mencatat kadar -5.9 peratus, menunjukkan penurunan dalam pekerjaan informal.

Bagi pekerjaan informal termasuk pertanian, kumpulan SPM dan ke bawah juga mendominasi pekerjaan informal dengan peningkatan sebanyak 3.0 peratus daripada 2,353.0 ribu orang pada tahun 2021^r kepada 2,498.6 ribu orang pada tahun 2023. Namun demikian, kumpulan STPM/Sijil merekodkan jumlah guna tenaga terendah iaitu 157.7 ribu orang pada tahun 2023. Dari segi sumbangan, kumpulan SPM dan ke bawah menyumbang paling besar pada 72.4 peratus, manakala STPM/Sijil mencatatkan sumbangan terendah pada 4.6 peratus. Perbandingan pertumbuhan tahunan, kumpulan Diploma merekodkan kadar tertinggi sebanyak 19.6 peratus, mencerminkan pertumbuhan positif dan signifikan dalam kategori ini. Sebaliknya, kumpulan dengan pertumbuhan terendah ialah STPM/Sijil, merekodkan pertumbuhan yang negatif sebanyak 3.1 peratus. **[Carta 11]**

Carta 11: Pekerjaan informal mengikut sijil tertinggi, Malaysia, 2021^r dan 2023



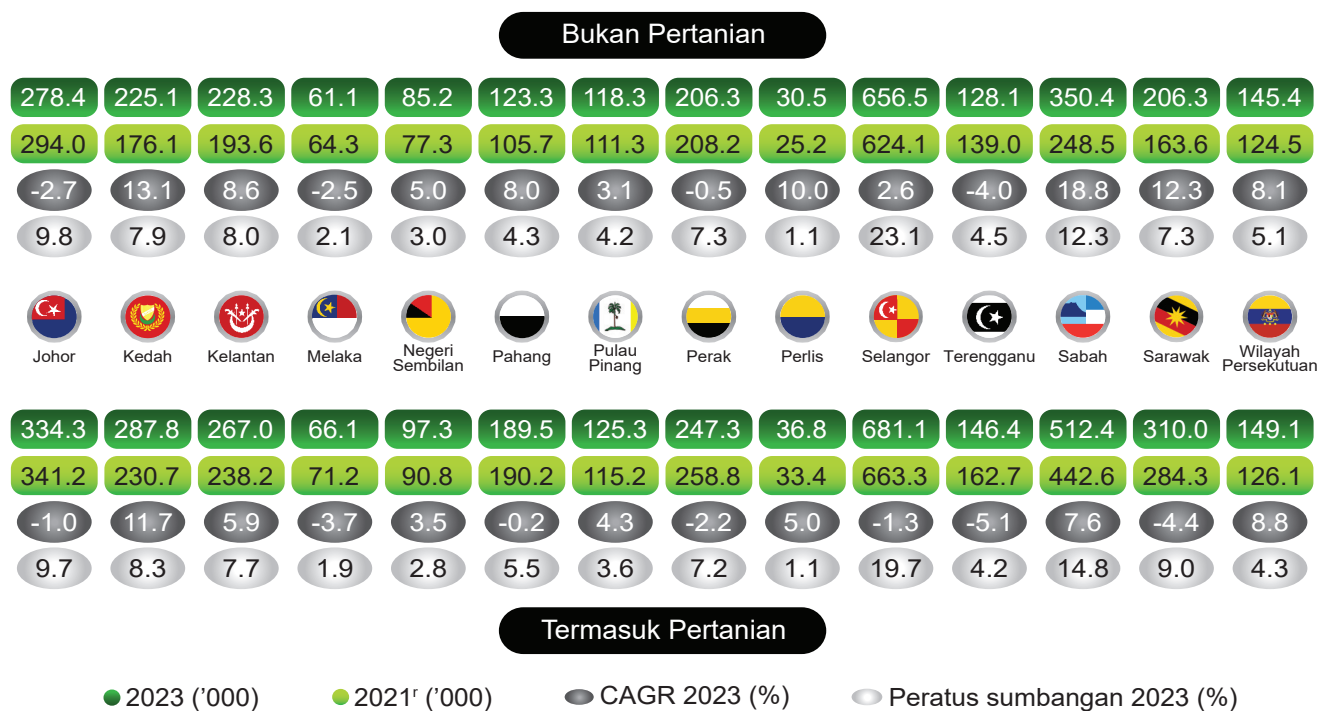
5.10 Pekerjaan informal mengikut negeri

Pada peringkat nasional, Malaysia mencatatkan peningkatan sebanyak 5.5 peratus dalam jumlah pekerjaan informal. Pertumbuhan ini dikaitkan dengan prestasi positif yang dicatatkan di kebanyakan negeri, kecuali Johor, Melaka, Perak, dan Terengganu. Dari segi pengagihan mengikut sumbangan, Selangor mencatatkan peratus sumbangan pekerjaan informal tertinggi pada tahun 2023 iaitu 23.1 peratus. Diikuti oleh Sabah dengan 12.3 peratus dan Johor dengan 9.8 peratus, manakala Perlis mencatatkan sumbangan terendah iaitu 1.1 peratus.

Selangor (23.1%), Sabah (12.3%), dan Johor (9.8%) menyumbang kepada 45.2% daripada jumlah pekerjaan informal di Malaysia. Berbanding dengan tahun 2021, jumlah pekerjaan informal di ketiga-tiga negeri ini meningkat sebanyak 118.9 ribu orang. Sebaliknya, Johor dan Terengganu mengalami penurunan terbesar, dengan pekerjaan informal berkurang sebanyak 15.5 ribu orang kepada 278.4 ribu orang dan 10.9 ribu orang kepada 128.1 ribu orang, masing-masing.

Selain itu, Pekerjaan informal termasuk pertanian, juga telah menurun di Johor, Melaka, Perak dan Terengganu, diikuti oleh Pahang, sementara negeri-negeri lain mengalami pertumbuhan yang positif. Berhubung dengan sumbangan, Selangor mendahului dengan 19.7%, atau 681.1 ribu pekerjaan, diikuti rapat oleh Sabah dengan 512.4 ribu pekerjaan (14.8%) dan Johor dengan 334.3 ribu pekerjaan (9.7%).
[Paparan 12]

Paparan 12: Pekerjaan informal mengikut negeri, Malaysia, 2021^r dan 2023



BAHAGIAN A: RINGKASAN PENEMUAN

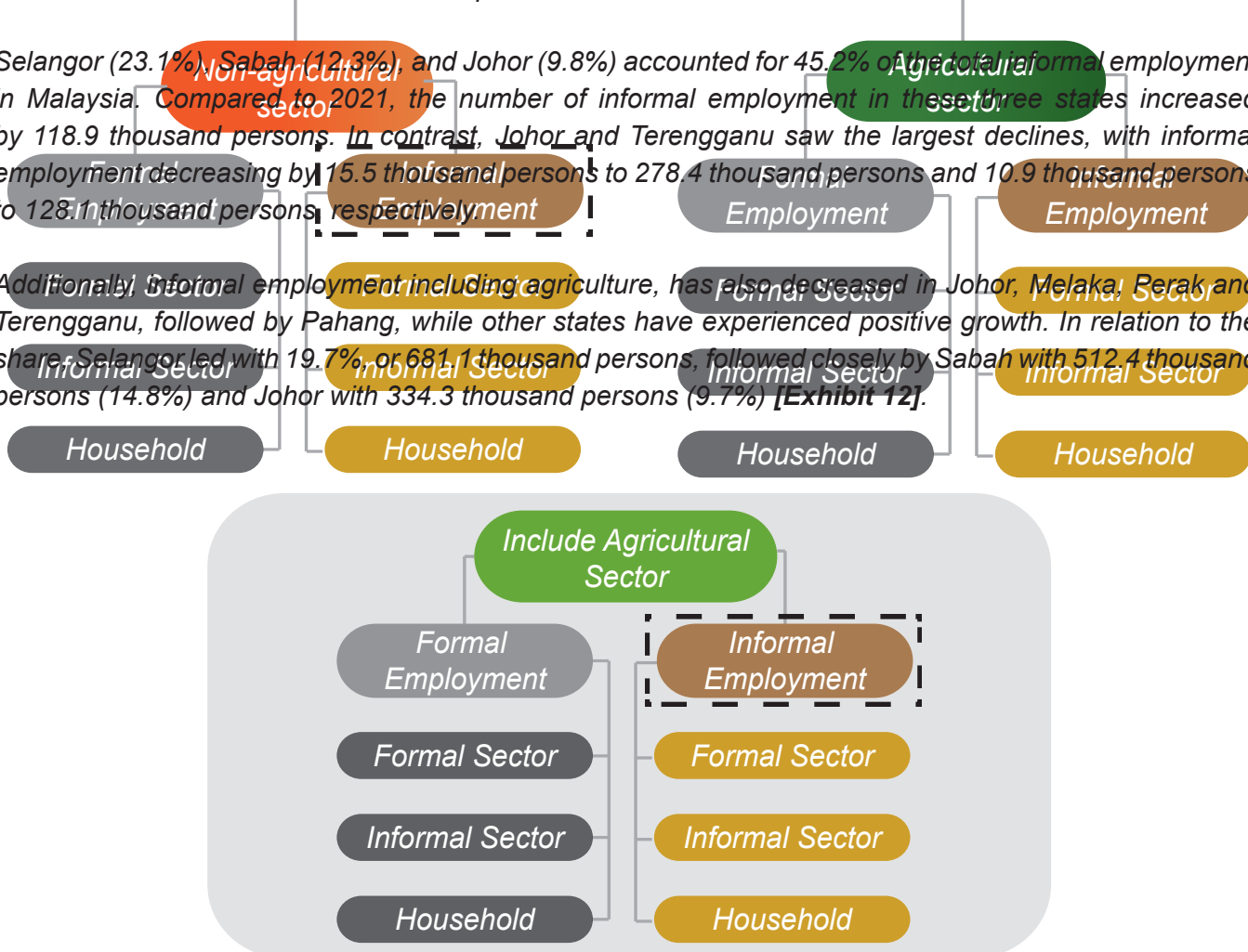
*PART A:
SUMMARY OF FINDINGS*

5.10 Informal employment by state

At national level, Malaysia saw a 5.5 percent increase in total informal employment. This growth is attributed to the positive performance recorded in most states, with the exception of Johor, Melaka, Perak, and Terengganu. In terms of distribution by share, Selangor recorded the highest percentage share of informal employment in 2023 at 23.1 per cent. Followed by Sabah at 12.3 per cent and Johor at 9.8 per cent, while Perlis had the lowest contribution at 1.1 per cent.

Selangor (23.1%), Sabah (12.3%), and Johor (9.8%) accounted for 45.2% of the total informal employment in Malaysia. Compared to 2021, the number of informal employment in these three states increased by 118.9 thousand persons. In contrast, Johor and Terengganu saw the largest declines, with informal employment decreasing by 15.5 thousand persons to 278.4 thousand persons and 10.9 thousand persons to 128.1 thousand persons, respectively.

Additionally, informal employment including agriculture, has also decreased in Johor, Melaka, Perak and Terengganu, followed by Pahang, while other states have experienced positive growth. In relation to the share, Selangor led with 19.7% or 681.1 thousand persons, followed closely by Sabah with 512.4 thousand persons (14.8%) and Johor with 334.3 thousand persons (9.7%) [Exhibit 12].



1. INTRODUCTION

Malaysia's labour market continued to improve during March 2023, due to a significant increase in the number of tourist arrivals and more people travelling abroad since the reopening of international borders. Besides, the entire Muslim community celebrated the holy fasting during the month and made preparations for the Eid Festival. The opening of Ramadhan and Aidilfitri bazaars during this month lead to the more job opportunities in the market either to setting up new businesses or expanding the existing ones, which enhanced the economy, and the labour market remains to flourish. Thus, all these situations have steered to a better performance of the labour market during the month.

As moved on to the second half of 2023, the government has announced numerous policies and master plans to enhance the labour market performance. For example, the implementation of the MADANI Economic narrative including the New Industrial Master Plan 2030 (NIMP 2030) which aims to drive Malaysian industry towards technological advancement, sustainability and deeper integration into the global value chain and PERKESO Career Building programme that will be carried out under the Social Security Organization (PERKESO), which pointed to boosting new job opportunities and strengthening the social protection network. Besides, the Mid-Term Review of the Twelfth Malaysia Plan (MTR 12MP) was also announced to empower and rejuvenate the national economy over a ten-year period while enhancing the quality of life for the people. In addition, improving the welfare of informal workers was one of government's priorities in MTR 12MP.

In recent years, the aftermath of the global pandemic has brought the informal economy into focus. It has gained prominence not merely due to the lack of opportunities in the formal sector, but it is also fuelled by the current labour market development. With the rapid advancement of the gig economy and further accentuated by the impact of the COVID-19 pandemic, a large number of people opted to become self-employed, either by choice or by force.

This Informal Sector and Informal Employment Survey Report 2023 presents employment statistics according to the selected demographic and socioeconomic characteristics such as sex, age group, educational attainment, status of employment, occupation and industry category. This survey, which is one of the modules in the Labour Force Survey (LFS), was conducted from January to December 2023.

The objective of this survey is to provide statistics on employment in the informal sector at the national level. From time to time, a complete and systematic approach to data collection and processing is maintained with the goal of obtaining statistical comparisons of time series. The face-to-face interview method of household members in selected residential areas is used to obtain employment information working in the informal sector.

According to the International Labour Organization (ILO) the informal sector is designed as a subset of households unincorporated enterprises¹ where the detailed definitions for the informal sector are as follows:

- "The informal sector may be broadly characterized as consisting of units engaged in the production of goods or services with the primary objective of generating employment and incomes to the persons concerned. These units typically operate at a low level of organisation, with little or no division between labour and capital as factors of production and on a small scale."
- "Production units of the informal sector have the characteristic features of household enterprises. The fixed and other assets used do not belong to the production units as such but to their owners."

The units as such cannot engage in transactions or enter into contracts with other units, nor incur liabilities, on their own behalf. The owners have to raise the necessary finance at their own risk and are personally liable, without limit, for any debts or obligations incurred in the production process. Expenditure for production is often indistinguishable from household expenditure. Similarly, capital goods such as buildings or vehicles may be used indistinguishably for business and household purposes."

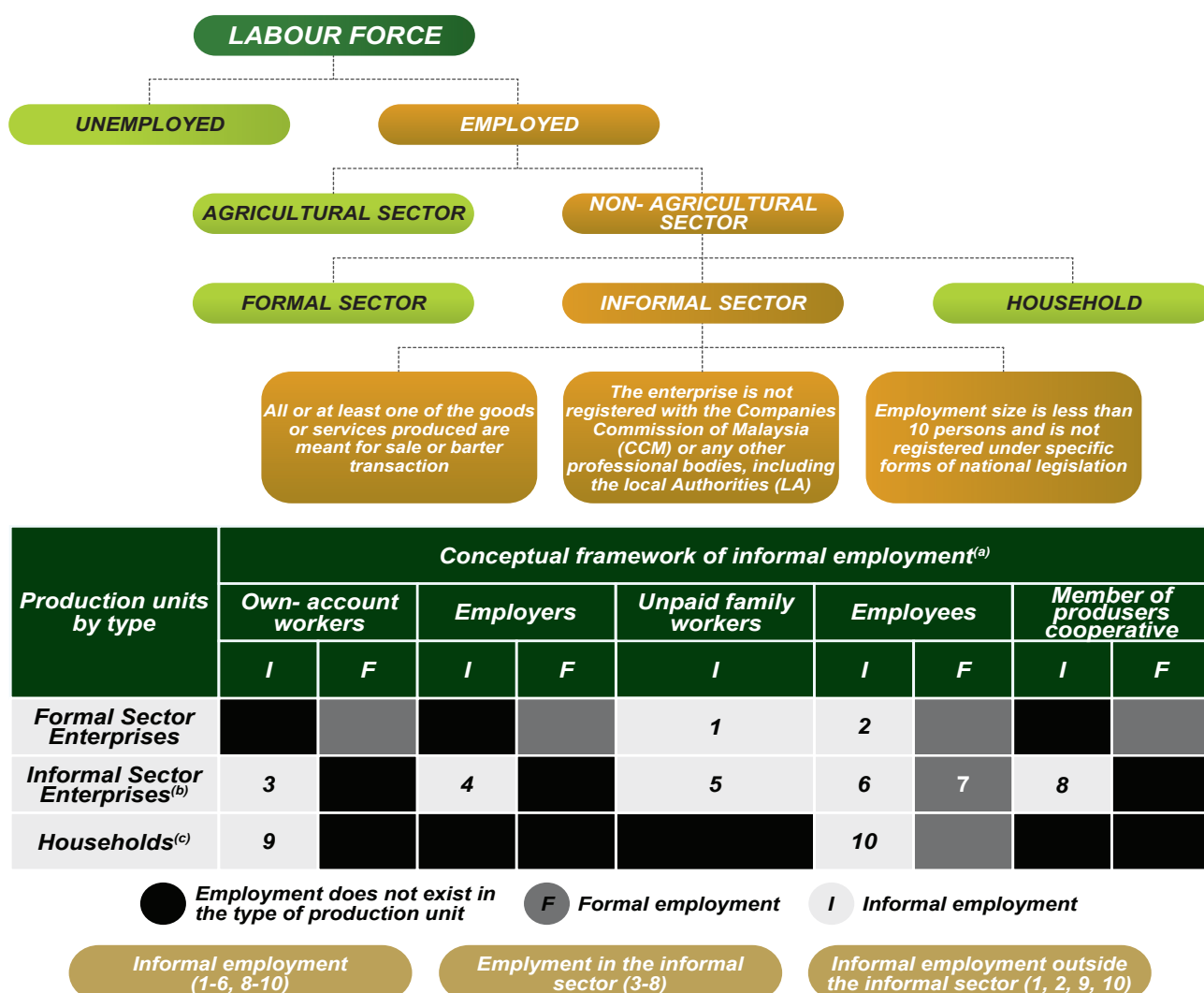
Statistics of employment in the informal sector also aim to obtain an estimate of the size of employment in the informal sector, which is an important component of measuring the contribution of the informal sector to Gross Domestic Product (GDP).

2. FRAMEWORKS AND CONCEPT OF EMPLOYMENT IN INFORMAL SECTOR

The conceptual framework of employment in the informal sector as shown in Exhibit 1 includes information on household members aged 15 to 64 years, which consists of employment in the categories of owned-account workers (3), employers (4), unpaid family workers (5) and employees (6,7). Meanwhile, members of the producers' cooperative (8) were not covered in this survey.

The statistics of employment in the informal sector in this survey include employment in agriculture-related sectors and activities. Initially, according to the Measuring Informality Manual: A Statistical Manual on the Informal Sector and Informal Employment by the International Labour Organization (ILO), agricultural-related activities are excluded from the coverage of the Informal Sector Survey. Nevertheless, recognising the needs and importance of comprehensive statistics on employment in the informal sector, the Informal Sector Survey has collected informal employment data, including the agriculture sector in Malaysia, starting in 2021.

Exhibit 1: Malaysia: Conceptual framework of informal employment



Note:

I : Informal; F : Formal

(a) Cells shaded in black refer to jobs, which by definition do not exist in the type of production unit in question. Cells shaded in light grey refer to formal jobs. Unshaded cells represent the various types of informal jobs.

(b) As defined by the 15th International Conference of Labour Statisticians resolution (excluding households employing paid domestic workers).

(c) Households producing goods exclusively for their own final use and households employing paid domestic workers

(d) Members of producers' cooperatives cells 8 are not covered in Malaysia.

3. LABOUR FORCE INDICATORS 2023

The labour force refers to the population in the working age group (15 to 64 years) that is employed and unemployed. The annual growth rate of the labour force in Malaysia increased by 2.6 per cent to 16.37 million persons in 2023 as compared to 15.53 million persons in 2021. The Labour Force Participation Rate (LFPR) in 2023 increased 1.4 percentage points to 70.0 per cent as compared to 68.6 per cent in 2021.

The number of employed persons increased by 988.2 thousand persons to 15.81 million in the same period, with an annual growth rate of 3.3 per cent. Meanwhile, the unemployment rate in 2023 was 3.4 per cent as compared to 4.6 per cent in 2021 [Exhibit 2].

Exhibit 2: Labour market indicators, Malaysia, 2021^r dan 2023

	Labour force	Employment	Labour force participation rate	Unemployment rate
2023	16.37 million	15.81 million	70.0%	3.4%
2021 ^r	15.53 million	14.83 million	68.6%	4.6%

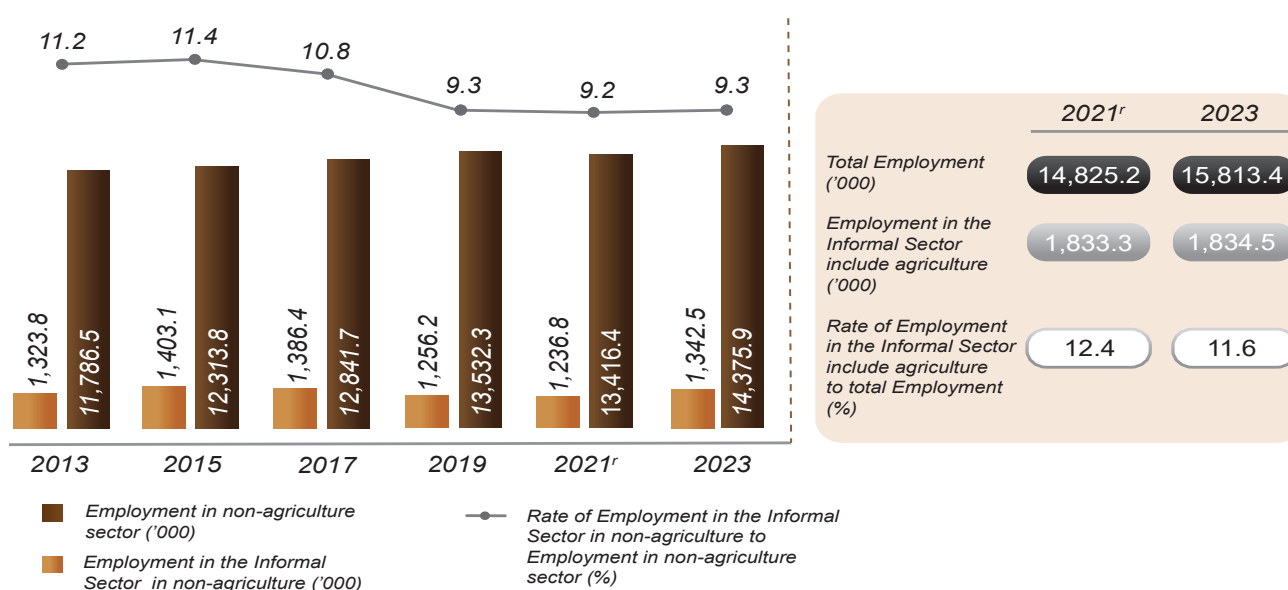
4. EMPLOYMENT IN THE INFORMAL SECTOR (EIS)

4.1 PRINCIPAL STATISTICS

The Malaysia's total employment in 2023 reached 15.81 million (2021: 14.83 million) reflecting consistent growth over the years. Besides, employment in the non-agriculture sector also increased steadily, reaching 14.38 million (2021: 13.42 million) during the same period. To highlight, informal sector employment in non-agriculture escalated from 1,386.4 thousand in 2017 to 1,342.5 thousand in 2023, while the Informal sector employment including agriculture remained stable, increased slightly from 1,833.3 thousand in 2021 to 1,834.5 thousand in 2023.

However, looking at the non-agriculture sector, the informal sector's rate of total employment declined, with its rate dropping from 10.8 per cent in 2017 to 9.3 per cent in both 2019 and 2023. When including agriculture, the informal sector's rate of total employment also showed a slight decrease, from 12.4 per cent in 2021 to 11.6 per cent in 2023. These trends indicate that there is a structural shift in employment dynamics, with growing total employment yet a declining proportion of workers engaged in the informal sector [Chart 1].

Chart 1: Number and share of informal sector employment in the labour market, Malaysia, 2013 to 2023

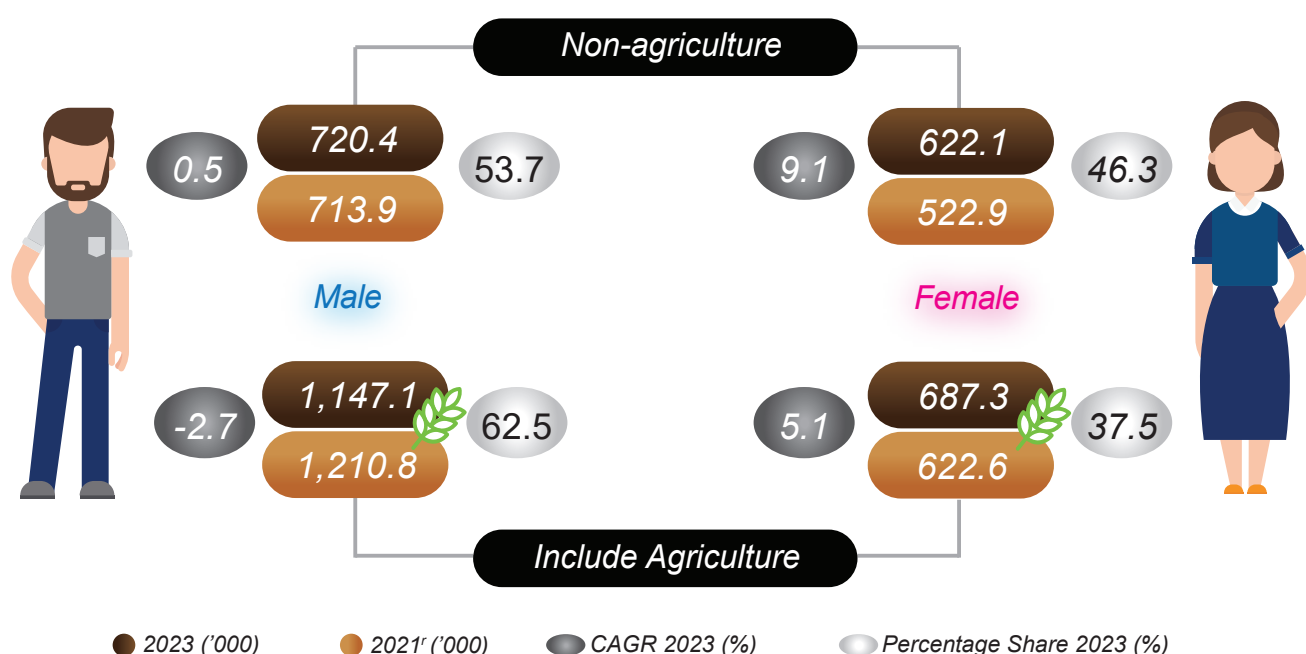


4.2 Employment in the informal sector by sex

In overall, the number of male employment registered 9.85 million persons with a contribution of 62.3 per cent in 2023 as compared to 2021 (9.19 million persons; 62.0%). At the same time, the female employment recorded 5.96 million persons or equivalent to 37.7 per cent (2021: 5.63 million persons; 38.0%). Looking at the informal sector, the male employment continued to show an increase of 0.5 per cent to mark 720.4 thousand persons, accounting for 53.7 per cent of the total employment. Similarly, the female employment showed a significant increase of 9.1 per cent to 622.1 thousand persons or equivalent to 46.3 per cent.

In 2023, the male employment in the informal sector including Agriculture posted a slight decrease of -2.7 per cent to 1.15 million persons as against to 2021 (1.21 million persons). Thus, the percentage share of male decreased from 66.0 per cent in 2019 to 62.5 per cent during the year, although it remained the largest contributor in the informal sector including agriculture. In addition, female employment accounted for 37.5 per cent (687.3 thousand persons) [Exhibit 2].

Exhibit 2: Employment in the informal sector by sex, Malaysia, 2021 and 2023

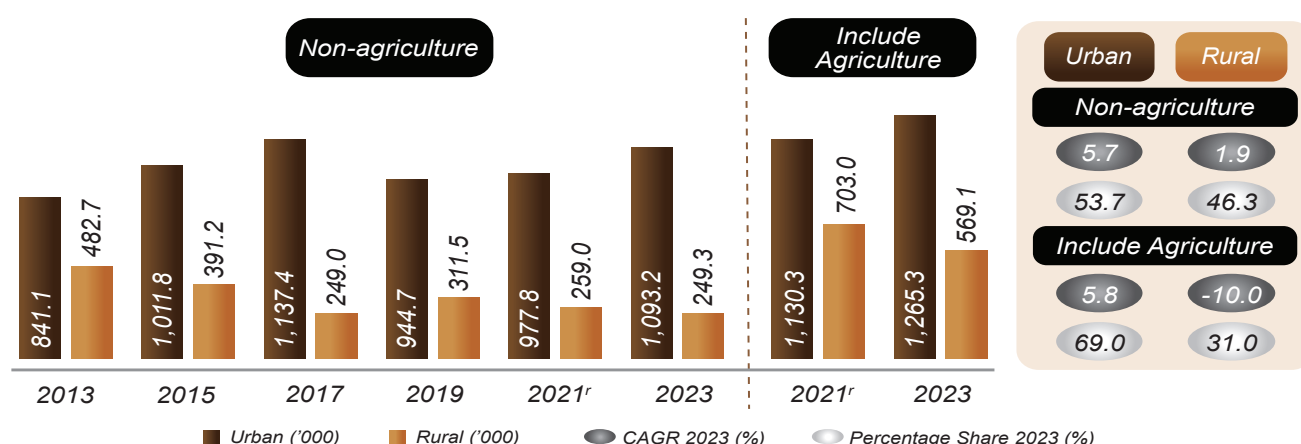


4.3. Employment in the informal sector by strata

With regards to the comparison by strata, the number of employment in the informal sector in the urban area showed a positive growth, increasing by 5.7 per cent or 115.4 thousand persons to 1,093.2 thousand persons in 2023 (2021: 977.8 thousand persons). However, the number of employment in the informal sector in the rural area decreased by 1.9 per cent or equivalent to 9.7 thousand persons to 249.3 thousand persons, compared to 259.0 thousand persons recorded in 2021.

Majority of employment in the informal sector including agriculture were also concentrated in the urban area, with a contribution of 69.0 per cent or equivalent to 1.27 million persons, while employment in rural area contributes 31.0 per cent (569.1 thousand persons) [Exhibit 3].

Exhibit 2: Employment in the informal sector by sex, Malaysia, 2021^r and 2023

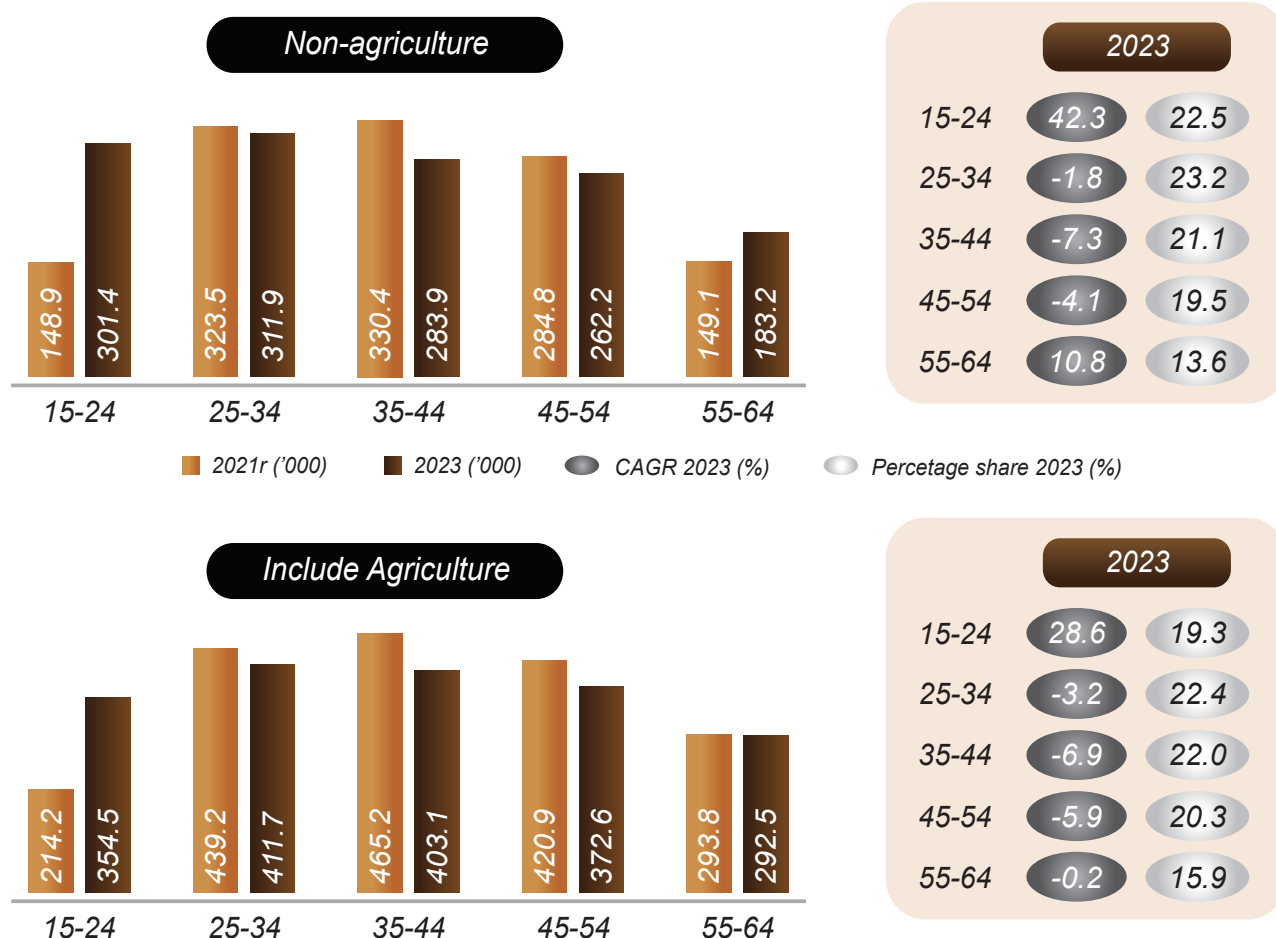


4.4 Employment in the informal sector by age group

The disaggregation of employment in the informal sector by age group, the highest number of employment was recorded by the age group of 25 to 34 years with 311.9 thousand persons (23.2%) compared to 323.5 thousand in 2021. This number decreased by 1.8 per cent or equivalent to 11.6 thousand persons. Meanwhile, the age group of 55 to 64 years showed the lowest number of employment in the informal sector (183.2 thousand persons, 13.6%) in 2023, recording an increase of 10.8 percent compared to 149.1 thousand persons in 2021.

As for employment in the informal sector including Agriculture, the age group of 25 to 34 years old encompassed the largest share of 411.7 thousand persons from employment, representing a contribution of 22.4 per cent. This was followed by the age group of 35 to 44 years old with 403.1 thousand persons, accounting for 22.0 per cent of the total. Majority of age groups recorded a declining trend in employment in the informal sector except for the 15 to 24 age group, which recorded the highest increase of 28.6 per cent [Exhibit 4].

Exhibit 4: Employment in the informal sector by age group, Malaysia, 2021^r and 2023



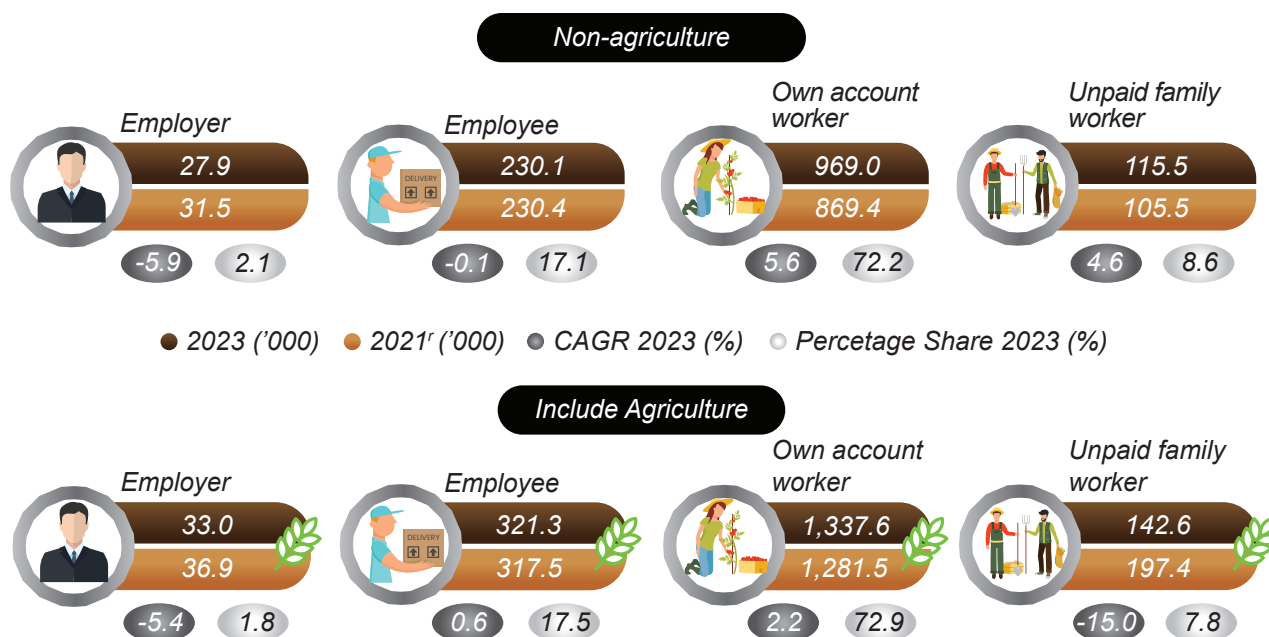
4.5. Employment in the informal sector by status in employment

As defined in the 15th International Conference of Labour Statisticians, employment status refers to the position or status of an employed person within the establishment or organization for which he or she worked and customised based on the International Classification of Status in Employment (ICSE-93). The employed persons are classified according to employment status namely employers, employees, own-account workers and unpaid family workers.

The largest composition of employment in the informal sector in 2023 was the own-account workers with a percentage share of 72.2 per cent or equivalent to 969.0 thousand persons, followed by employees' category (17.1%; 230.1 thousand persons), unpaid family workers (8.6%; 115.5 thousand persons) and employers (2.1%; 27.9 thousand persons).

Furthermore, own-account workers also contributed largest share of the employment in the informal sector including Agriculture, with a share of 72.9 per cent or equivalent to 1,337.6 thousand persons, followed by the employees category with 17.5 per cent (321.3 thousand persons). Next was the unpaid family workers and employers with a contribution share of 7.8 per cent (142.6 thousand persons) and 1.8 per cent (33.0 thousand persons) respectively [Exhibit 3].

Exhibit 3: Employment in the informal sector by status in employment, Malaysia, 2021^r and 2023

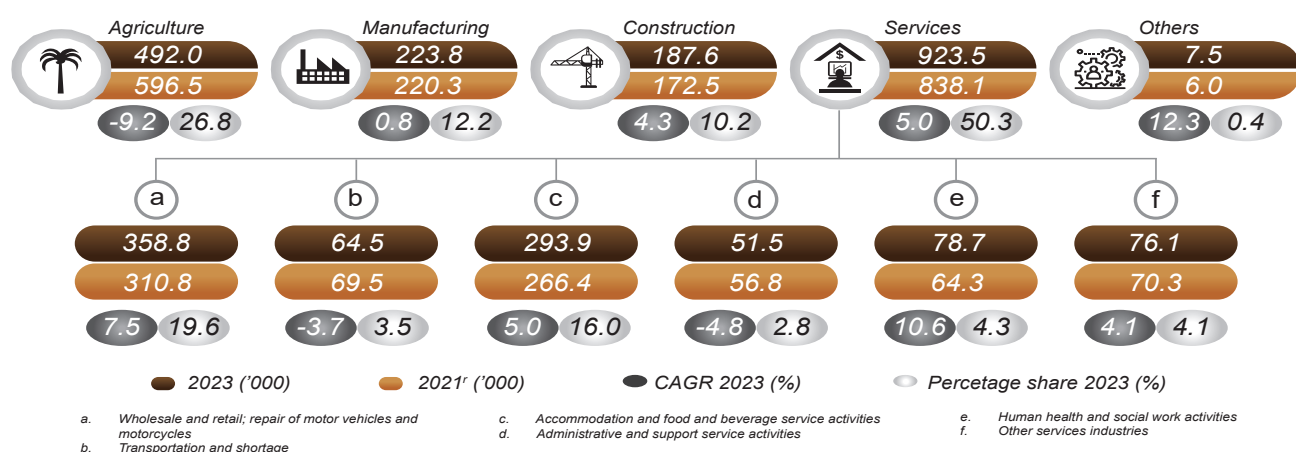


4.6. Employment in the informal sector by industry

The manual defines the classification of employment in the informal sector according to industry as an activity of his or her principal occupation. Industry is classified according to the Malaysian Standard Industrial Classification (MSIC) 2008 version 1.0 based on the International Standard Industrial Classification of All Economic Activities (ISIC) Revision 4.

More than half of the employment in the informal sector was concentrated in the Services sector with a percentage share of 50.3 per cent or equivalent to 923.5 thousand persons. This sector was dominated by Wholesale & retail trade, repair of motor vehicles & motorcycle industry with a share of 19.6 per cent, followed by Accommodation & food services activities (16.0%) and Human health and social work activities (4.3%). Next, the Agriculture sector ranked second with 26.8 per cent (492.0 thousand persons) followed by Manufacturing (12.2%; 223.8 thousand persons) and Construction (10.2%; 187.6 thousand persons). Meanwhile, the remaining 0.4 per cent (7.5 thousand persons) was posted by other sectors. All sectors recorded positive CAGR growth except for Agriculture sector. **[Exhibit 4]**

Exhibit 4: Employment in the informal sector by industry, Malaysia, 2021^r and 2023



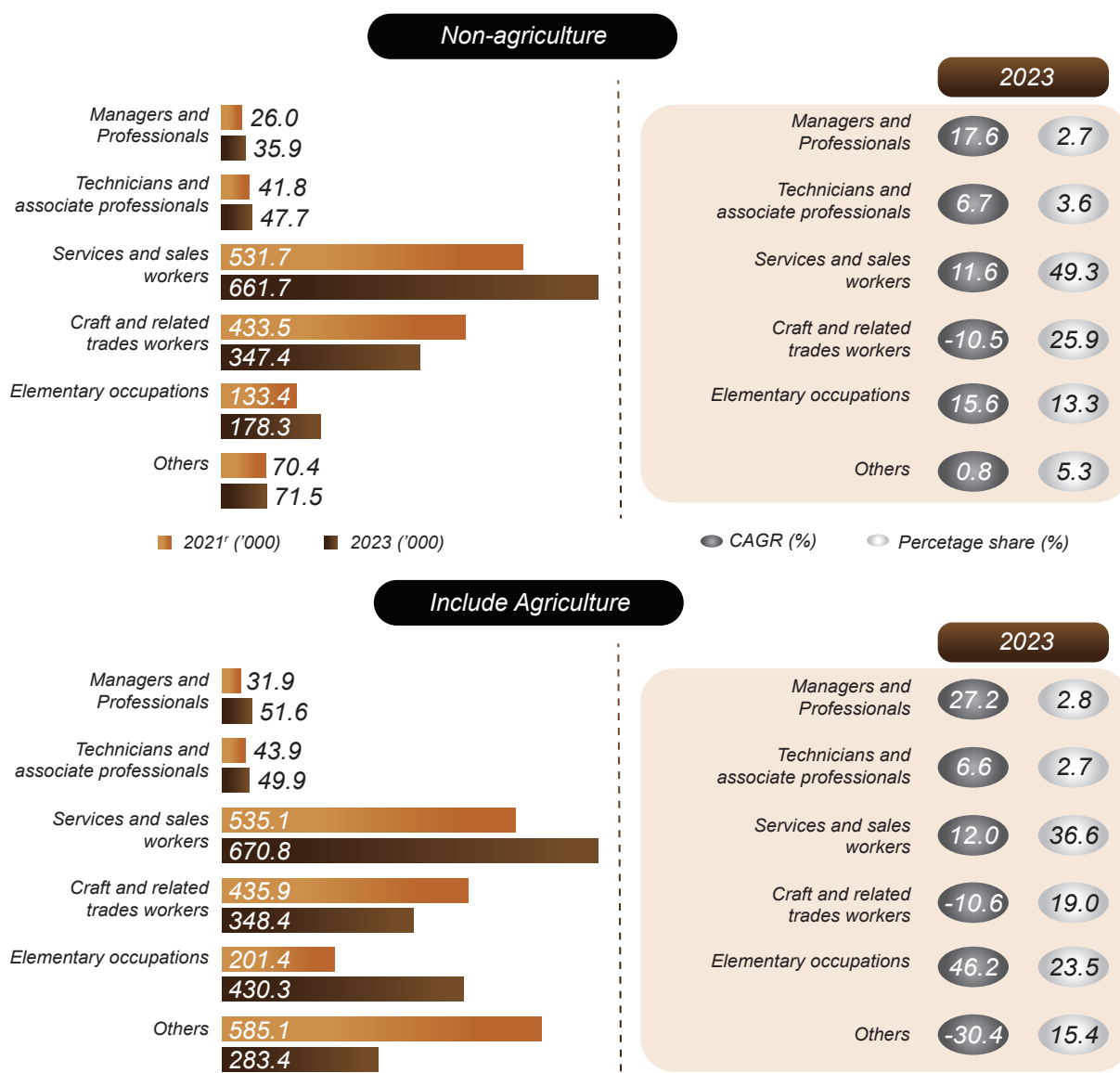
4.7. Employment in the informal sector by category of occupation

Employment in the informal sector by occupation category is classified according to the Malaysian Standard Classification of Occupations (MASCO). MASCO organised jobs into hierarchical categories, aligning with the International Standard Classification of Occupation (ISCO-08). It aids in labour market analysis, workforce planning, and skill development by monitoring employment trends and addressing workforce needs. It is also widely used by the public and private sectors as it ensures accurate data collection for research and policymaking.

In the non-agriculture sector in 2023, Service and sales workers dominated the informal sector with an EIS value of 661.7 thousand workers, accounting for 36.6 per cent of the workforce. The second-largest group was Craft and related trades workers with 347.4 thousand workers, making up 19.0 per cent of the share. Managers and professionals had the smallest share of 2.8 per cent, with 35.9 thousand workers. In terms of growth, the Elementary occupations experienced the highest increase at 46.2 per cent, indicating strong expansion in these roles, while Craft and related trades workers saw the lowest growth, with a decline of -10.6 per cent, reflecting a contraction in this category [Chart 4].

In the agriculture sector, Service and sales workers continued to dominate the informal sector with the employment informal sector value of 670.8 thousand workers, accounting for 28.8 percent of the workforce. The second-largest group was Elementary occupations, with 430.3 thousand workers, making up 23.5 percent of the share. Craft and related trades workers accounted for 19.0 per cent with 348.4 thousand workers, while Managers and professionals had the smallest share at 0.5 per cent, with 10.2 thousand workers. In terms of growth, Elementary occupations saw the highest increase at 46.2 per cent, reflecting significant growth, while Craft and related trades workers experienced the lowest growth, declining by -10.6 percent, indicating a contraction in this category [Chart 4].

Chart 4: Employment in the informal sector by category of occupation, Malaysia, 2021^r dan 2023

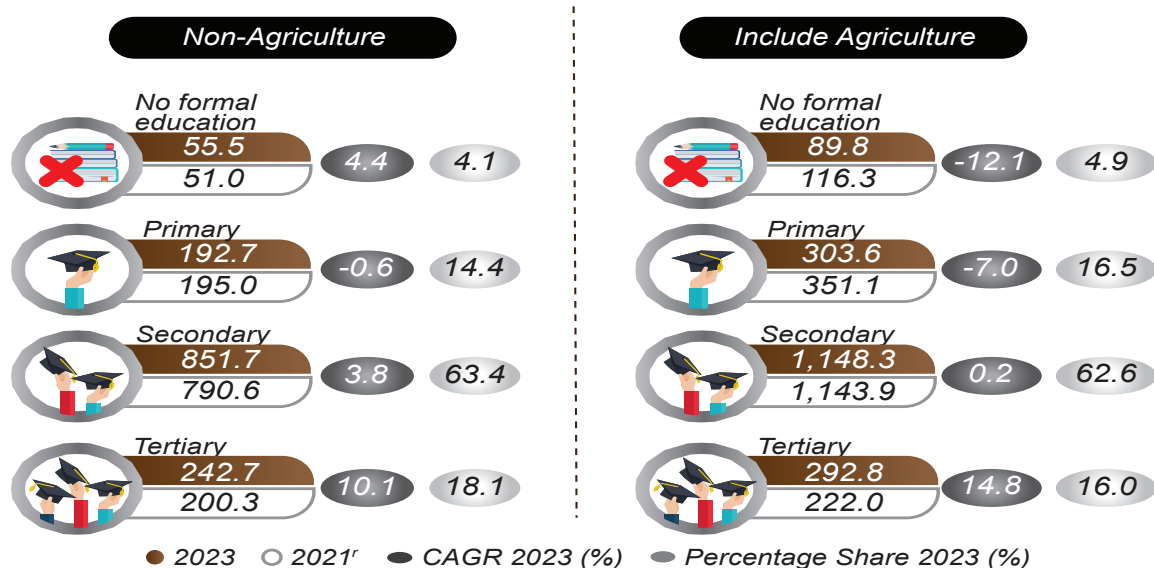


4.8. Employment in the informal sector by type of educational attainment

Those with a secondary education led the employment in the informal sector in non-agriculture with a share of 63.4 per cent, decreased by 0.5 percentage points as compared to 63.9 per cent in 2021. Primary and tertiary education came next with a share of 18.1 per cent and 14.4 per cent respectively. In addition, no formal education category retained with the lowest share, with 4.1 per cent in 2023. Notably, tertiary education posted the highest growth out of all educational attainment, recording a CAGR of 10.1 per cent [Chart 4].

Regarding the informal sector including Agriculture, those with secondary education dominated the workforce with a contribution share of 62.6 per cent or corresponding to 1,148.3 thousand persons. Meanwhile, those with primary education followed with a share of 16.5 or 303.6 thousand. Lastly, those with tertiary and no formal education completed the share with 16.0 per cent (292.8 thousand) and 4.9 per cent (89.8 thousand) each.

Exhibit 5: Employment in the informal sector by type of educational attainment, Malaysia, 2021^r and 2023

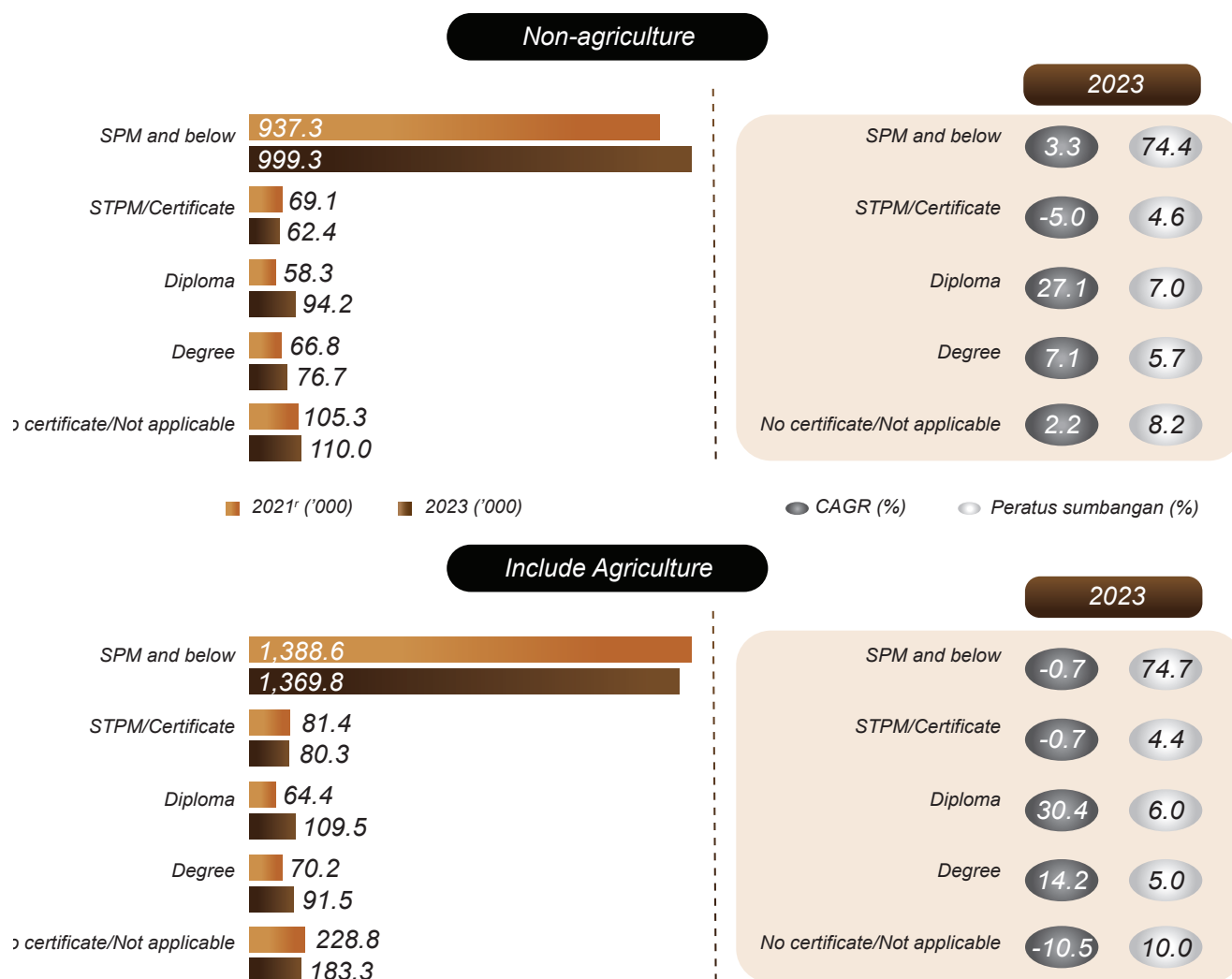


4.9 Employment in the informal sector by highest certificate obtained

For the non-agricultural category, the SPM group and below are the main contributors to employment in the informal sector with the number increasing from 937.3 thousand in 2021 to 999.3 thousand in 2023. On the other hand, the STPM/Certificate group recorded the lowest employment of 62.4 thousand in 2023. In terms of composition, the SPM group and below also recorded the highest percentage share at 74.4 percent, while the group STPM/Certificates recorded the lowest contribution at 4.6 per cent. Looking at growth achievements, the Diploma group showed the highest growth rate of 27.1 per cent, indicating a significant increase in participation. However, the lowest growth is the STPM/Certificate group, which recorded a rate of -5.0 percent, indicating a decrease in employment in the informal sector [Chart 5].

In the category including agriculture, the SPM group and below also dominate, although it shows a decrease in the total employment from 1,388.6 thousand in 2021 to 1,369.8 thousand in 2023. However, the STPM/Certificate group recorded the lowest total employment of 80.3 thousand in 2023. In terms of contribution, the SPM group and below contributed the most at 74.7 per cent, while STPM/Certificate recorded the lowest contribution at 4.4 per cent. In terms of growth, the Diploma group recorded the highest rate of 30.4 percent, reflecting positive and significant growth in this category. On the other hand, the group with the lowest growth is No certificate/Not applicable, with a rate of -10.5 per cent, indicating continued challenges in attracting more employment in this group [Chart 5].

Chart 5: Employment in the informal sector by highest certificate obtained, Malaysia, 2021^r and 2023



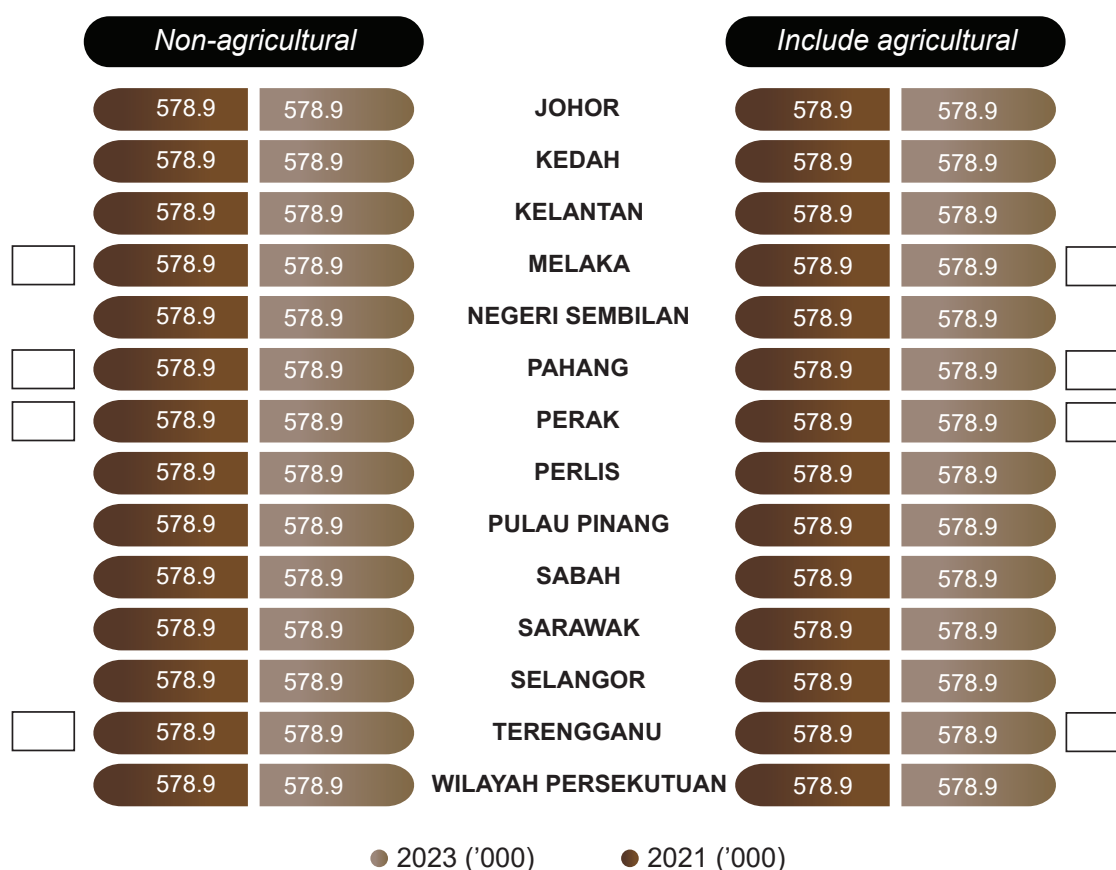
4.10 Employment in the informal sector by state

Malaysia's total employment in the informal sector in 2023 grew by 4.2 per cent. The increment was subsequent to the positive growth recorded by most states except Pulau Pinang, Perak, Selangor dan Terengganu. In terms of distribution by state, Selangor had the highest percentage share of employment in the informal sector, accounting for 21.8 per cent. This was followed by Sabah at 11.8 per cent and Johor at 10.8 per cent, while Perlis had the lowest contribution at 1.0 per cent.

Sabah (11.8%), and Johor (10.8%) represented 44.4 per cent of total informal sector employment in Malaysia. Compared to 2021, these three states saw an increase of 23.2 thousand persons in the informal sector. In contrast, Perak and Terengganu experienced significant declines, with employment in the informal sector dropping by 6.2 per cent (11.7 thousand persons) and 3.8 per cent (5.2 thousand persons) respectively [Exhibit 6].

Additionally, the employment in the informal sector including agriculture for Perak, Selangor and Terengganu also slowed down followed by Pahang dan Sarawak while the other states portraying positive growth. In terms of share, Selangor led in informal sector employment including Agriculture, contributing 16.9 per cent or 310.2 thousand jobs, followed closely by Sabah with 280.5 thousand jobs (15.3%) and Johor with 196.1 thousand jobs (10.7%).

Exhibit 6: Employment in the informal sector by state, Malaysia, 2021^r and 2023



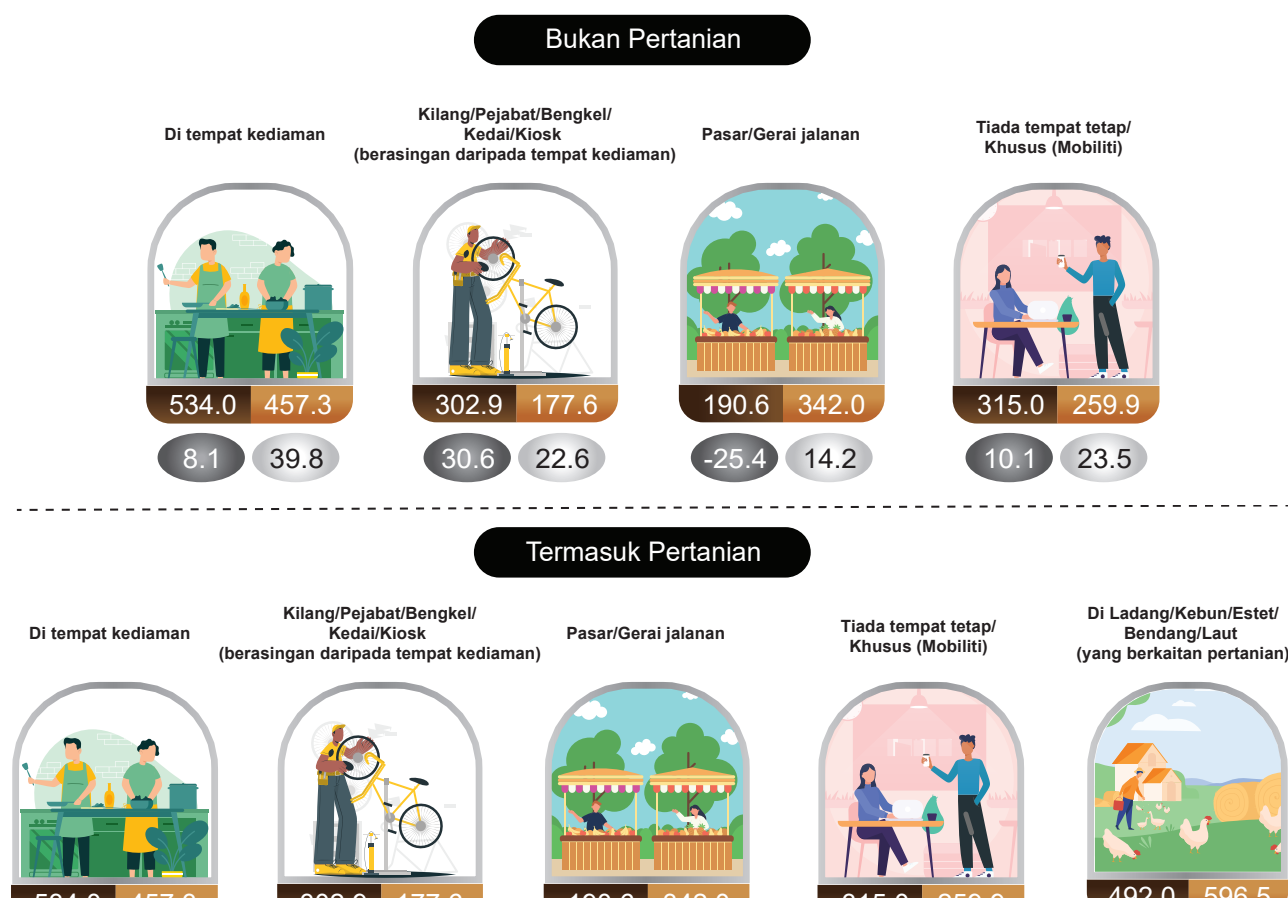
4.11 Employment in the informal sector by type of workplace

The type of workplace is one of the factors that influences job selection. This survey also obtained information from respondents regarding where they work. There are five main categories of the type of workplace for employment in the informal sector, namely at home (no special work space), factory, office, workshop, shop, kiosk, etc. independent from home, market or street stalls, no fixed location (mobile), and plantation, farms, estates, shades, sea etc. (agriculture related).

In the agriculture sector, the highest employment informal sector's value was 596.5 thousand in 2021 for plantation, farm, estate, and sea-related workplaces, which declined to 492.0 thousand in 2023. This reflects a contraction with the lowest growth rate at -9.2 per cent, emphasizing the sector's declining role in informal employment. In contrast, market or street stalls demonstrate the lowest employment informal sector's value of 190.6 thousand in 2023, reflecting a decline from 342.0 thousand in 2021 [Exhibit 7].

In 2023, the highest growth rate for the non-agriculture sector was 30.6 per cent, observed in factory, office, workshop, shop, or kiosk (independent from home), which grew significantly from 177.6 thousand in 2021 to 302.9 thousand in 2023. In contrast, market or street stalls recorded the sharpest decline, with the growth rate of -25.4 per cent, dropping from 342.0 thousand in 2021 to 190.6 thousand in 2023 [Exhibit 7].

Exhibit 7: Employment in the informal sector by type of workplace, Malaysia, 2021¹ dan 2023



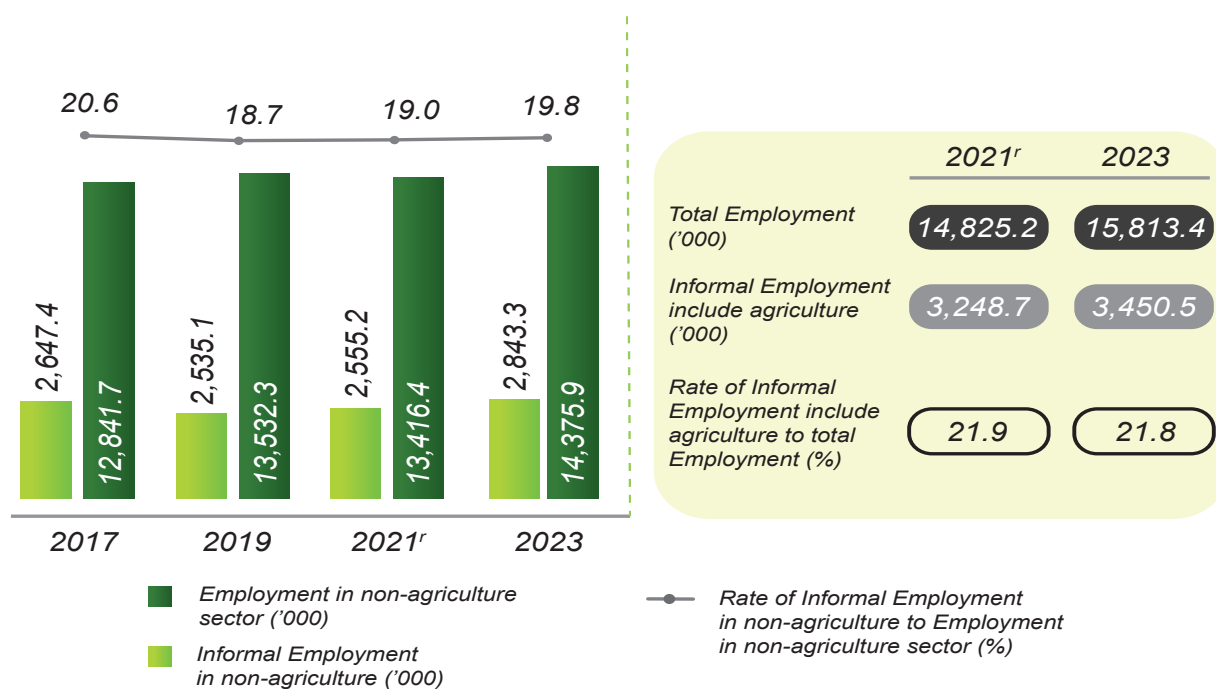
5. INFORMAL EMPLOYMENT (IE)

5.1 PRINCIPAL STATISTICS

The trends in informal employment within Malaysia's labour market between 2017 and 2023 highlight notable shifts. Total employment increased to 15.81 million persons in 2023, with employment in the non-agriculture sector reaching 14.38 million persons. For the non-agriculture sector, the number of informal employment registered an increase, from 2.65 million persons in 2017 to 2.84 million persons in 2023. The proportion of informal employment in non-agriculture relative to total non-agriculture employment recorded a decrease, from 20.6 per cent in 2017 to 19.8 per cent in 2023, indicating a shift toward formalisation within this sector.

Including agriculture, the number of informal employment rose slightly from 3.25 million persons in 2021 to 3.45 million persons in 2023, with the share of informal employment relative to total employment remaining steady at 21.9 per cent in 2021 and 21.8 per cent in 2023. These figures underscore the ongoing reduction of informal employment in non-agriculture sectors, while the agricultural sector continues to sustain a significant contribution of the informal workforce [Chart 7].

Chart 7: Number and share of informal employment in the labour market, Malaysia, 2017 to 2023

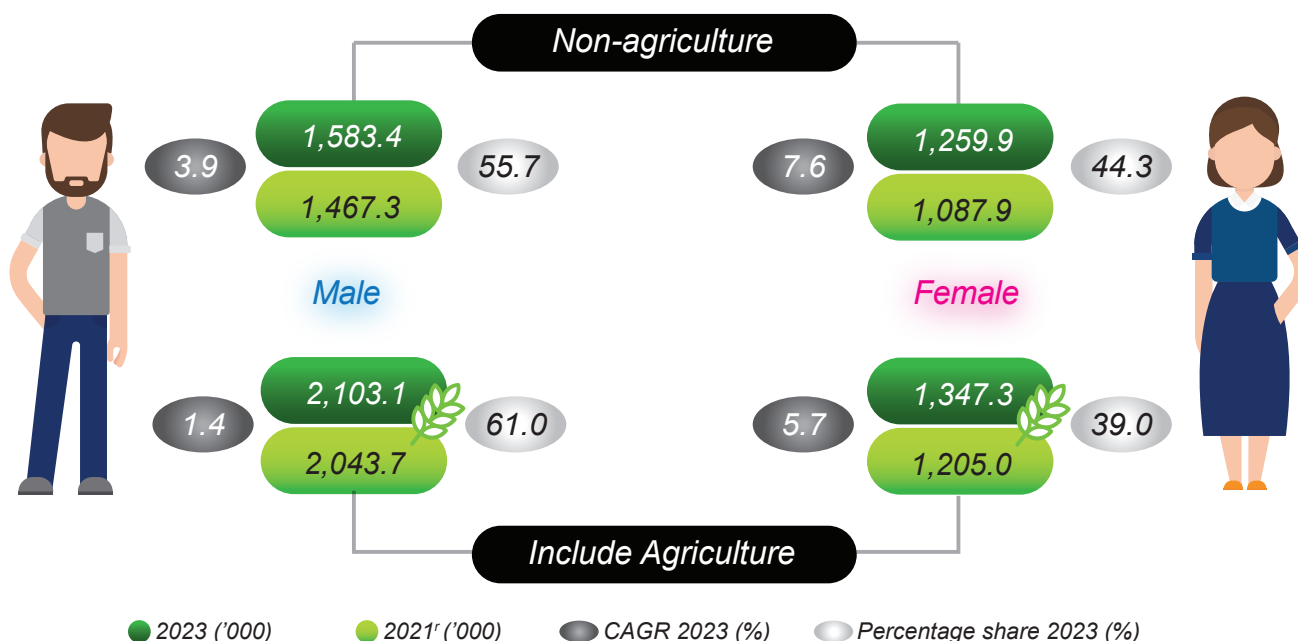


5.2 Informal employment by sex

In 2023, informal employment for males were the largest composition for non-agriculture registered 1,583.4 thousand persons (55.7%) compared to 1,467.3 thousand persons in 2021. Meanwhile, females recorded 1,259.9 thousand persons (44.3%) as compared to 1,087.9 thousand persons. According to growth, males and females rose to 3.9 per cent and 7.6 per cent, respectively, in 2023.

For informal employment including agriculture, males also led with 2,103.1 thousand persons (61.0%), trended up by 1.4 per cent compared to 2,043.7 thousand persons in 2021. Likewise, females increased by 5.7 per cent to 1,347.3 thousand persons (39.0%) compared to 1,205.0 thousand persons in the preceding year [Exhibit 8].

Exhibit 8: Informal employment by sex, Malaysia, 2021^r and 2023

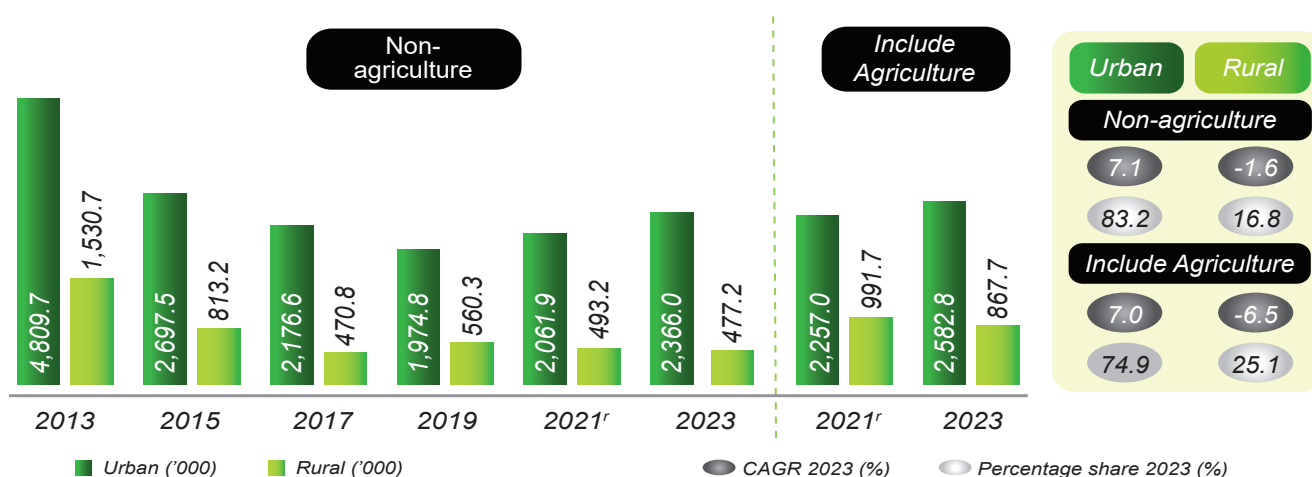


5.3. Informal employment by strata

The number of informal employment for non-agriculture in urban areas amounted to 2,366.0 thousand persons in 2023, expanded by 7.1 per cent from 2,061.9 thousand persons in 2021. In the meantime, the number of informal employment in rural areas edged down by 1.6 per cent to 477.2 thousand persons (2021: 493.2 thousand persons). The majority of informal employment was concentrated in urban areas with a share of 80.7 per cent.

During the year, the largest composition of informal employment including agriculture was also in urban areas, with 74.9 per cent or equivalent of 2,582.8 thousand persons, while informal employment in rural areas accounted for 25.1 per cent (867.7 thousand persons) as shown in [Chart 8].

Chart 8: Informal employment by strata, Malaysia, 2017 to 2023

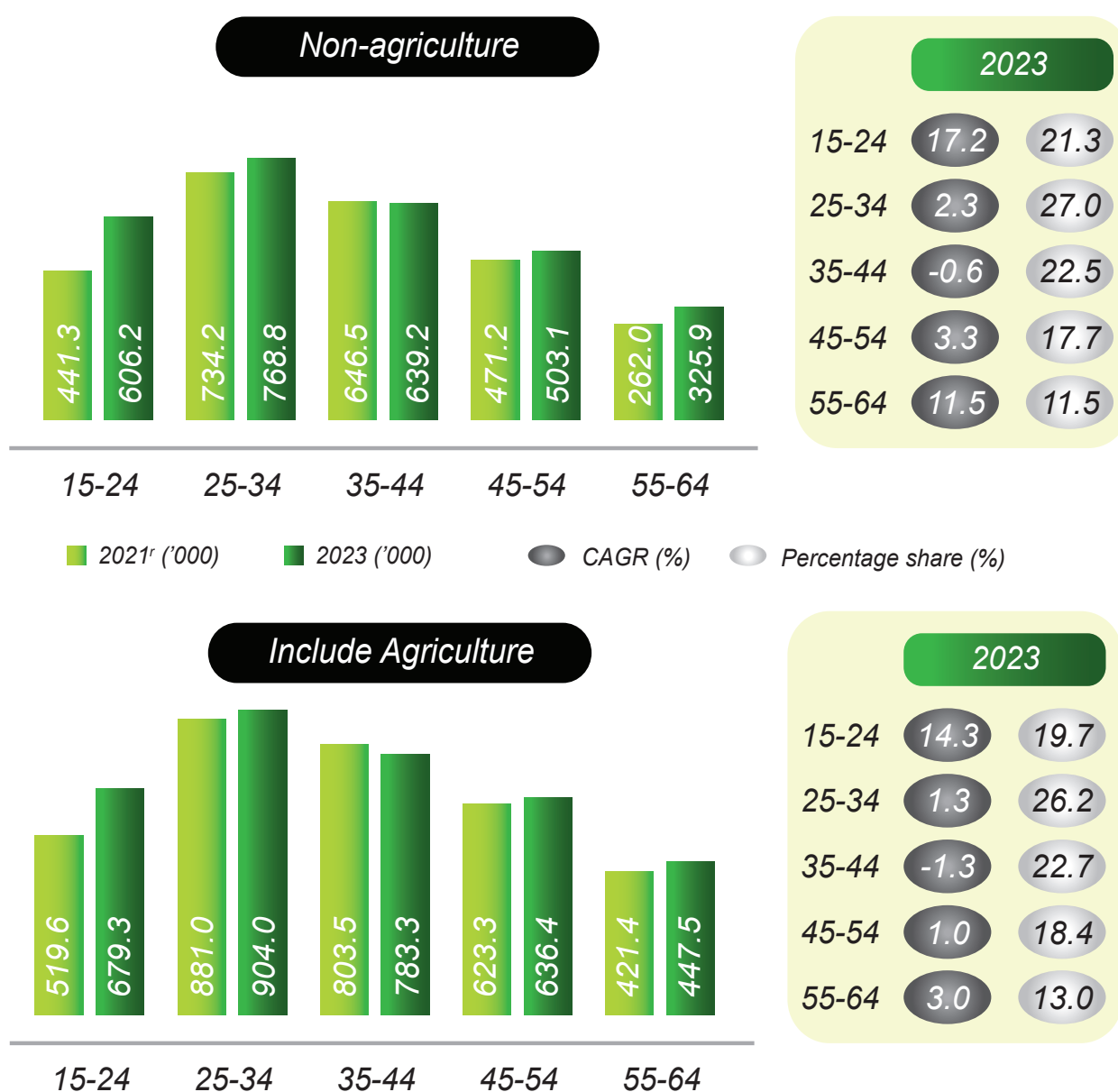


5.4. Informal employment by age group

The age group 25 to 34 years recorded the highest number of informal employment, totalling 768.8 thousand persons (27.0%) compared to 734.2 thousand persons in 2021. This number increased by 2.3 per cent or equivalent to 34.6 thousand persons. On the same note, the age group 55 to 64 years showed the lowest informal employment (325.9 thousand persons; 11.5%) in 2023 by recording an increase of 11.5 per cent (2021: 262.0 thousand persons).

For informal employment including agriculture, the age group 25 to 34 years comprised the largest composition of informal employment, recording 26.2 per cent (904.0 thousand persons). This was followed by the age group of 35 to 44 years at 22.7 per cent (783.3 thousand persons). However, the total employment for this age group recorded a decrease of 1.3 per cent or equivalent to 20.2 thousand persons as compared to 2021 [Chart 9].

Chart 9: Informal employment by age group, Malaysia, 2021^r and 2023

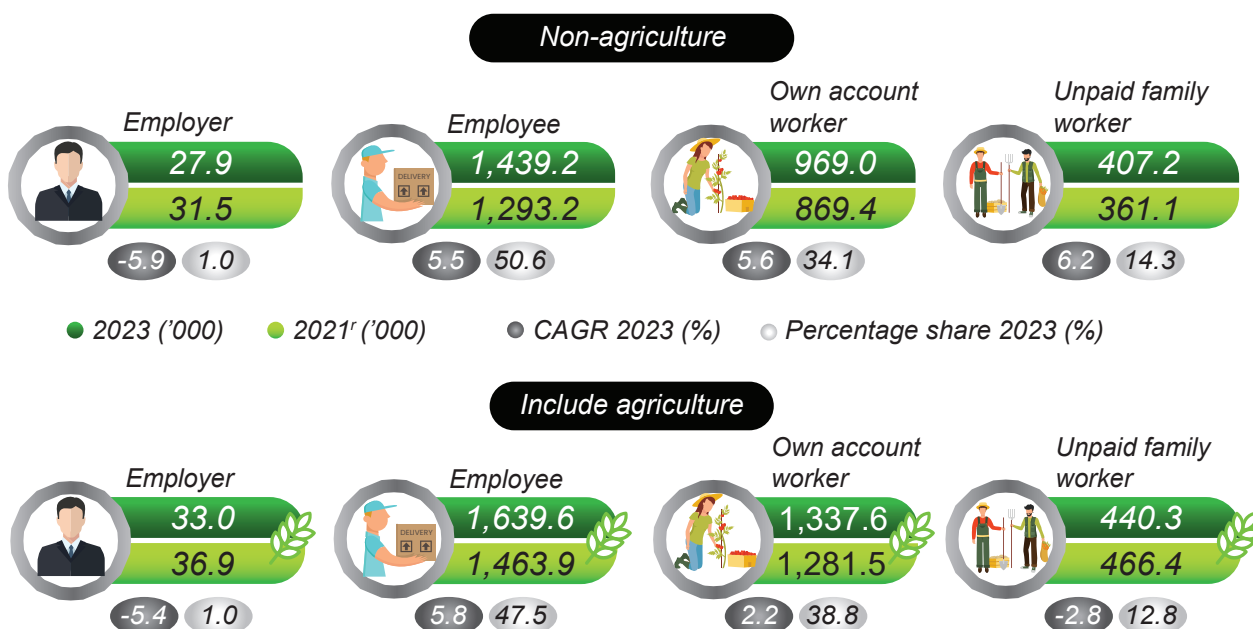


5.5. Informal employment by status in employment

In 2023, employees' category was the highest composition of informal employment with 50.6 per cent or equivalent to 1,439.2 thousand persons followed by own-account workers (34.1%; 969.0 thousand persons), unpaid family workers (14.3%; 407.2 thousand persons) and employers (1.0%; 27.9 thousand persons).

For informal employment including agriculture, the employees' category led with a share of 47.5 per cent or equivalent to 1,639.6 thousand persons, followed by own-account workers category with 38.8 per cent (1,337.6 thousand persons). Next, the unpaid family workers and employers with a percentage share of 12.8 per cent (440.3 thousand persons) and 1.0 per cent (33.0 thousand persons) respectively [Exhibit 9].

Exhibit 9: Informal employment by status in employment, Malaysia, 2021' and 2023



5.6 Informal employment by industry

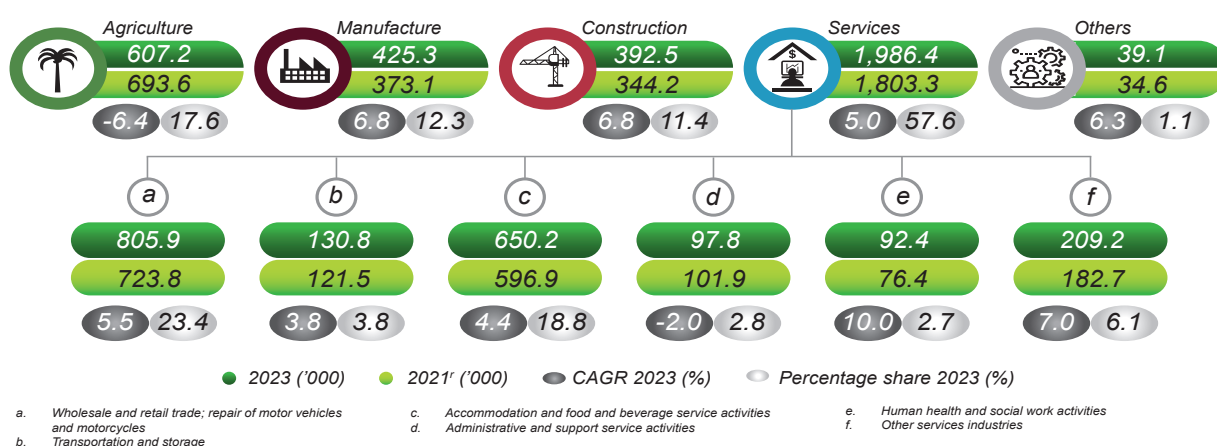
Scrutinizing the employment in the informal sector by industry during 2023, the Services sector dominated with a percentage share of 57.6 per cent (1,986.4 thousand persons), followed by Agriculture (17.6%; 607.2 thousand persons) and Manufacturing (12.3%; 425.3 thousand persons). Next, was the Construction sector which contributed 11.4 per cent (392.5 thousand persons) and the others sector with 1.0 per cent or 39.1 thousand persons.

The main contributor of informal employment for Services sector was posted by Wholesale and retail trade; repair of motor vehicles and motorcycles and Accommodation & food services activities subsectors with the percentage share of 23.4 per cent (805.9 thousand persons) and 18.8 per cent (650.2 thousand persons) respectively.

Looking at the growth performance, both Manufacturing and Construction sectors posted the highest

growth at 6.8 per cent. Meanwhile, the Agriculture sector recorded negative growth at 6.4 per cent [Exhibit 10].

Exhibit 10: Informal employment by industry, Malaysia, 2021^r and 2023

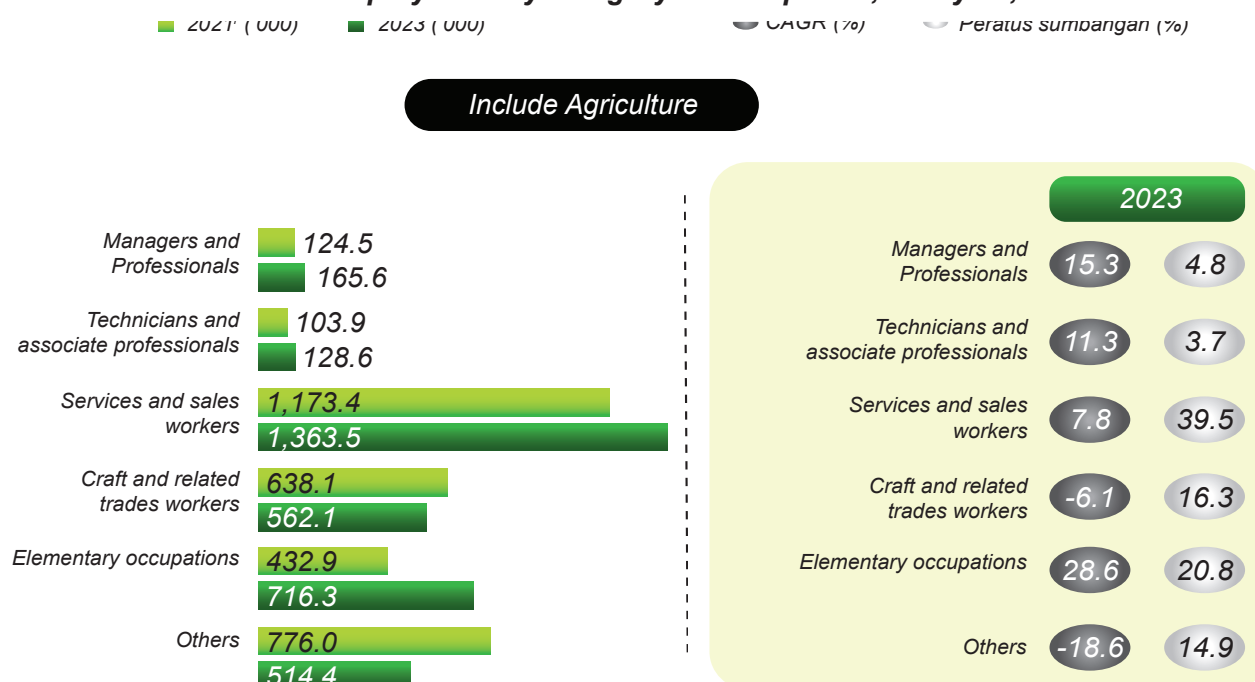


5.7 Informal employment by category of occupation

The chart highlights the trends in informal employment across various occupational categories in Malaysia between 2021 and 2023, covering both non-agriculture and agriculture sectors. In the non-agriculture sector, informal employment showed varying trends across occupational categories between 2021 and 2023. Service and sales workers dominated the informal employment for non-agriculture sector, recorded an increase of 7.5 per cent from 1.2 million persons to 1.3 million persons, with a percentage share of 47.4 per cent. In contrast, the number of technicians and associate professionals increased from 99.5 thousand persons to 124.0 thousand persons, with a growth rates of 11.6 per cent. This category accounted for smaller percentage shares in 2023, at 4.4 percent. Meanwhile, craft and related trades workers experienced a decline from 632.5 thousand persons to 560.8 thousand persons, at negative 5.8 per cent growth rate.

For informal employment including agriculture, service and sales workers continued to dominate, with a share of 39.5 per cent. This category increased by 7.8 per cent with employment rising from 1.2 million persons to 1.4 million persons. Significant growth was observed in elementary occupations at 28.6 per cent from 432.9 thousand persons to 716.3 thousand persons (share: 20.8%). Conversely, craft and related trades workers declined sharply, with employment dropped by 6.1 per cent, reflecting structural changes and reduced demand in this category [Chart 10].

Chart 10: Informal employment by category of occupation, Malaysia, 2021^r and 2023

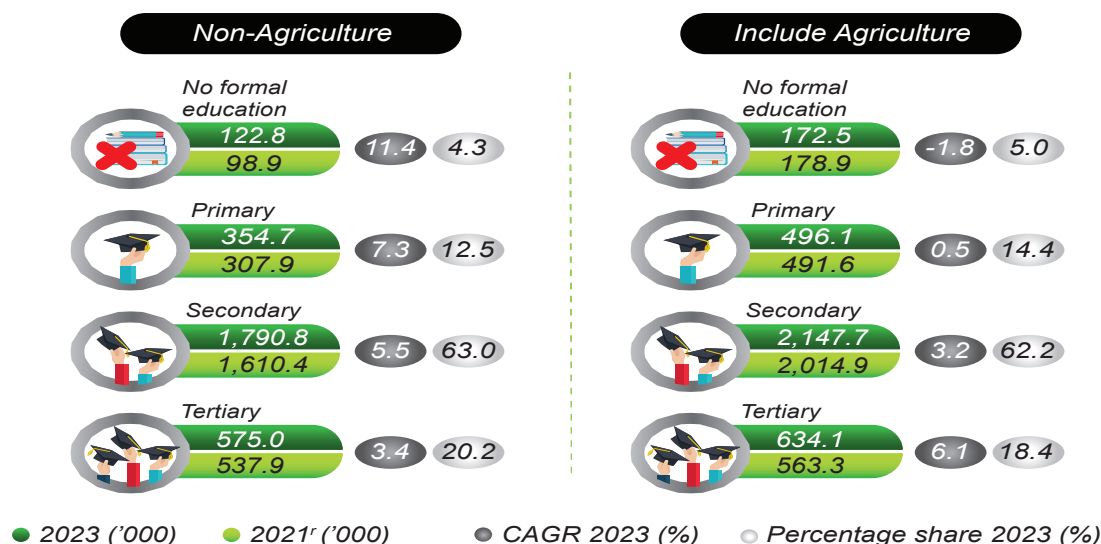


5.8 Informal employment by type of educational attainment

In 2023, those with secondary education was the biggest contributor for informal employment in non-agriculture with 63.0 per cent or equivalent to 1,790.8 thousand persons. This was followed by tertiary education with 20.2 per cent and primary education with 12.5 per cent. Meanwhile the other 4.3 per cent were those with no formal education, which recorded the highest growth among all with a growth of 11.4 per cent.

In terms of informal employment including agriculture, a total of 2,147.7 thousand informal workers with secondary education recorded the highest share of 62.2 per cent. Next, those with tertiary education and primary education contributed at 18.4 per cent (634.1 thousand persons) and 14.4 per cent (496.1 thousand persons) respectively. In addition, the remaining 5.0 per cent or 172.5 thousand persons were those with no formal education [Exhibit 11].

Exhibit 11: Informal employment by type of educational attainment, Malaysia, 2021^r and 2023



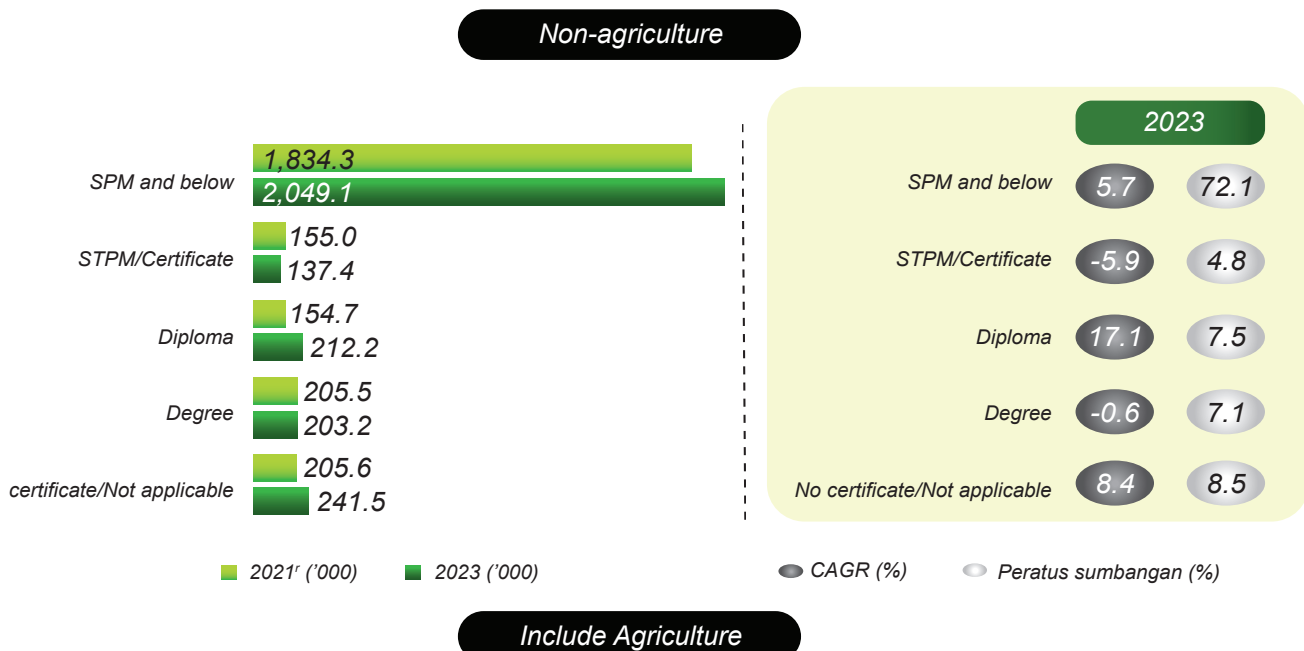
5.9 Informal employment by highest certificate obtained

For the non-agricultural category, the SPM group and below were the main contributors to informal employment with the number of workers increasing from 1,834.3 thousand persons in 2021 to 2,049.1 thousand persons in 2023. On the other hand, the STPM/Certificate group recorded the lowest number of workers of 137.4 thousand persons in 2023.

In terms of contribution, the group of SPM and below also recorded the highest percentage share at 72.1 per cent, while the group STPM/Certificate recorded the lowest contribution at 4.8 per cent. Diploma group showed the highest growth rate of 17.1 per cent. Meanwhile, the lowest growth was STPM/Certificate, which recorded a rate of -5.9 per cent, indicating a decrease in informal employment.

For informal employment including agriculture, the group of SPM and below also dominated informal employment with a growth of 3.0 per cent from 2,353.0 thousand persons in 2021 to 2,498.6 thousand persons in 2023. However, the STPM/Certificate group recorded the lowest employment at 157.7 thousand persons in 2023. In terms of contribution, the SPM group and below contributed the most at 72.4 per cent, while STPM/Certificate recorded the lowest contribution at 4.6 per cent. Annual growth comparison, the Diploma group recorded the highest rate of 19.6 per cent, reflecting positive and significant growth in this category. On the other hand, the group with the lowest growth was STPM/Certificate, recorded a negative growth of 3.1 per cent [Chart 11].

Chart 11: Informal employment by highest certificate obtained, Malaysia, 2021¹ and 2023



BAHAGIAN B: JADUAL STATISTIK

*PART B:
STATISTICAL TABLES*

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BAHAGIAN B:

1. GUNA TENAGA SEKTOR INFORMAL TIDAK TERMASUK SEKTOR PERTANIAN

PART B:

*1. INFORMAL SECTOR WORKFORCE
EXCLUDE AGRICULTURE SECTORS*

1.1 Statistik utama guna tenaga sektor informal bukan pertanian mengikut jantina, 2015, 2017, 2019, 2021^r dan 2023

Principal statistics of employment in the informal sector in non-agriculture by sex, 2015, 2017, 2019, 2021^r and 2023

Perkara Item		2015	2017	2019	2021 ^r	2023
Tenaga buruh <i>Labour force</i>	('000)	14,518.0	14,980.1	15,581.6	15,532.8	16,366.8
Kadar penyertaan tenaga buruh <i>Labour force participation rate</i>	(%)	67.9	68.0	68.7	68.6	70.0
Jumlah Guna tenaga <i>Total employment</i>	('000)	14,067.7	14,476.8	15,073.4	14,825.2	15,813.4
Guna tenaga dalam sektor bukan pertanian <i>Employment in non-agriculture sector</i>	('000)	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9
Guna tenaga dalam sektor informal bukan pertanian <i>Employment in the informal sector in non-agriculture</i>	('000)	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5
Kadar guna tenaga sektor informal dalam sektor bukan pertanian <i>Rate of employment in informal sector in non-agriculture sector</i>	(%)	11.4	10.8	9.3	9.2	9.3
Lelaki <i>Male</i>						
Tenaga buruh <i>Labour force</i>	('000)	8,952.8	9,213.5	9,503.5	9,623.0	10,188.5
Kadar penyertaan tenaga buruh <i>Labour force participation rate</i>	(%)	80.6	80.1	80.8	80.5	82.3
Jumlah Guna tenaga <i>Total employment</i>	('000)	8,691.1	8,913.4	9,202.4	9,194.6	9,849.5
Guna tenaga dalam sektor bukan pertanian <i>Employment in non-agriculture sector</i>	('000)	7,362.9	7,650.8	7,981.6	8,023.1	8,653.7
Guna tenaga dalam sektor informal bukan pertanian <i>Employment in the informal sector in non-agriculture</i>	('000)	714.0	850.3	707.2	713.9	720.4
Kadar guna tenaga sektor informal dalam sektor bukan pertanian <i>Rate of employment in informal sector in non-agriculture sector</i>	(%)	9.7	11.1	8.9	8.9	8.3
Perempuan <i>Female</i>						
Tenaga buruh <i>Labour force</i>	('000)	5,565.1	5,766.6	6,078.1	5,909.8	6,178.3
Kadar penyertaan tenaga buruh <i>Labour force participation rate</i>	(%)	54.1	54.7	55.6	55.3	56.2
Jumlah Guna tenaga <i>Total employment</i>	('000)	5,376.7	5,563.3	5,871.0	5,630.6	5,963.8
Guna tenaga dalam sektor bukan pertanian <i>Employment in non-agriculture sector</i>	('000)	4,951.0	5,190.9	5,550.7	5,393.4	5,722.3
Guna tenaga dalam sektor informal bukan pertanian <i>Employment in the informal sector in non-agriculture</i>	('000)	689.1	536.0	548.9	522.9	622.1
Kadar guna tenaga sektor informal dalam sektor bukan pertanian <i>Rate of employment in informal sector in non-agriculture sector</i>	(%)	13.9	10.3	9.9	9.7	10.9

1.2 Statistik utama guna tenaga sektor informal bukan pertanian mengikut strata, 2015, 2017, 2019, 2021^r dan 2023

Principal statistics of employment in the informal sector for non-agriculture by strata, 2015, 2017, 2019, 2021^r and 2023

Perkara Item		2015	2017	2019	2021 ^r	2023
Tenaga buruh						
<i>Labour force</i>	(‘000)	14,518.0	14,980.1	15,581.6	15,532.8	16,366.8
Kadar penyertaan tenaga buruh						
<i>Labour force participation rate</i>	(%)	67.9	68.0	68.7	68.6	70.0
Jumlah Guna tenaga						
<i>Total employment</i>	(‘000)	14,067.7	14,476.8	15,073.4	14,825.2	15,813.4
Guna tenaga dalam sektor bukan pertanian						
<i>Employment in non-agriculture sector</i>	(‘000)	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9
Guna tenaga dalam sektor informal bukan pertanian						
<i>Employment in the informal sector in non-agriculture</i>	(‘000)	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5
Kadar guna tenaga sektor informal dalam sektor bukan pertanian						
<i>Rate of employment in informal sector in non-agriculture sector</i>	(%)	11.4	10.8	9.3	9.2	9.3
Bandar						
<i>Urban</i>						
Tenaga buruh						
<i>Labour force</i>	(‘000)	11,035.9	11,625.8	12,415.2	12,595.0	13,505.4
Kadar penyertaan tenaga buruh						
<i>Labour force participation rate</i>	(%)	67.9	68.1	69.3	69.7	71.1
Jumlah Guna tenaga						
<i>Total employment</i>	(‘000)	10,693.7	11,223.3	12,007.3	12,043.1	13,082.3
Guna tenaga dalam sektor bukan pertanian						
<i>Employment in non-agriculture sector</i>	(‘000)	10,334.5	10,886.2	11,600.3	11,554.3	12,560.0
Guna tenaga dalam sektor informal bukan pertanian						
<i>Employment in the informal sector in non-agriculture</i>	(‘000)	1,011.8	1,137.4	944.7	977.8	1,093.2
Kadar guna tenaga sektor informal dalam sektor bukan pertanian						
<i>Rate of employment in informal sector in non-agriculture sector</i>	(%)	9.8	10.4	8.1	8.5	8.7
Luar bandar						
<i>Rural</i>						
Tenaga buruh						
<i>Labour force</i>	(‘000)	3,482.0	3,354.3	3,166.4	2,937.9	2,861.4
Kadar penyertaan tenaga buruh						
<i>Labour force participation rate</i>	(%)	67.7	67.5	66.3	64.2	65.5
Jumlah Guna tenaga						
<i>Total employment</i>	(‘000)	3,374.0	3,253.5	3,066.2	2,782.1	2,731.1
Guna tenaga dalam sektor bukan pertanian						
<i>Employment in non-agriculture sector</i>	(‘000)	1,979.4	1,955.5	1,932.0	1,862.2	1,815.9
Guna tenaga dalam sektor informal bukan pertanian						
<i>Employment in the informal sector in non-agriculture</i>	(‘000)	391.2	249.0	311.5	259.0	249.3
Kadar guna tenaga sektor informal dalam sektor bukan pertanian						
<i>Rate of employment in informal sector in non-agriculture sector</i>	(%)	19.8	12.7	16.1	13.9	13.7

1.3a Guna tenaga dalam sektor informal bukan pertanian mengikut taraf pekerjaan dan jantina, 2015, 2017, 2019, 2021^r dan 2023

Employment in the informal sector in non-agriculture by status in employment and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
Majikan Employer	32.7	30.1	28.2	31.5	27.9	2.3	2.2	2.2	2.5	2.1
Pekerja Employee	266.2	282.7	215.3	230.4	230.1	19.0	20.4	17.1	18.6	17.1
Bekerja sendiri Own account worker	987.0	961.7	900.8	869.4	969.0	70.3	69.4	71.7	70.3	72.2
Pekerja keluarga tanpa gaji Unpaid family worker	117.2	111.8	112.0	105.5	115.5	8.4	8.1	8.9	8.5	8.6
Lelaki Male	714.0	850.3	707.2	713.9	720.4	100.0	100.0	100.0	100.0	100.0
Majikan Employer	21.0	21.9	19.6	21.8	19.1	2.9	2.6	2.8	3.1	2.7
Pekerja Employee	208.5	216.2	167.6	164.9	152.3	29.2	25.4	23.7	23.1	21.1
Bekerja sendiri Own account worker	456.0	558.8	486.2	489.2	481.1	63.9	65.7	68.7	68.5	66.8
Pekerja keluarga tanpa gaji Unpaid family worker	28.5	53.4	33.9	38.0	67.9	4.0	6.3	4.8	5.3	9.4
Perempuan Female	689.1	536.0	548.9	522.9	622.1	100.0	100.0	100.0	100.0	100.0
Majikan Employer	11.7	8.1	8.6	9.7	8.8	1.7	1.5	1.6	1.9	1.4
Pekerja Employee	57.7	66.5	47.7	65.5	77.8	8.4	12.4	8.7	12.5	12.5
Bekerja sendiri Own account worker	531.0	402.9	414.6	380.2	487.9	77.1	75.2	75.5	72.7	78.4
Pekerja keluarga tanpa gaji Unpaid family worker	88.7	58.4	78.1	67.5	47.6	12.9	10.9	14.2	12.9	7.6

1.3b Guna tenaga dalam sektor bukan pertanian mengikut taraf pekerjaan dan jantina, 2015, 2017, 2019, 2021^r dan 2023

Employment in non-agriculture sector by status in employment and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0
Majikan Employer	545.5	534.0	533.8	460.9	553.8	4.4	4.2	3.9	3.4	3.9
Pekerja Employee	9,587.4	9,957.2	10,548.0	11,003.2	11,565.4	77.9	77.5	77.9	82.0	80.4
Bekerja sendiri Own account worker	1,790.0	1,959.3	2,073.6	1,591.2	1,849.5	14.5	15.3	15.3	11.9	12.9
Pekerja keluarga tanpa gaji Unpaid family worker	391.0	391.3	376.9	361.1	407.2	3.2	3.0	2.8	2.7	2.8
Lelaki Male	7,362.9	7,650.8	7,981.6	8,023.1	8,653.7	100.0	100.0	100.0	100.0	100.0
Majikan Employer	455.4	440.3	433.6	353.9	430.2	6.2	5.8	5.4	4.4	5.0
Pekerja Employee	5,824.3	6,012.3	6,299.3	6,482.6	6,841.0	79.1	78.6	78.9	80.8	79.1
Bekerja sendiri Own account worker	982.1	1,082.0	1,133.2	1,070.2	1,195.3	13.3	14.1	14.2	13.3	13.8
Pekerja keluarga tanpa gaji Unpaid family worker	101.1	116.2	115.5	116.3	187.2	1.4	1.5	1.4	1.4	2.2
Perempuan Female	4,951.0	5,190.9	5,550.7	5,393.4	5,722.3	100.0	100.0	100.0	100.0	100.0
Majikan Employer	90.1	93.6	100.2	107.0	123.6	1.8	1.8	1.8	2.0	2.2
Pekerja Employee	3,763.1	3,944.9	4,248.7	4,520.5	4,724.5	76.0	76.0	76.5	83.8	82.6
Bekerja sendiri Own account worker	807.9	877.3	940.4	521.0	654.2	16.3	16.9	16.9	9.7	11.4
Pekerja keluarga tanpa gaji Unpaid family worker	289.9	275.1	261.4	244.8	220.0	5.9	5.3	4.7	4.5	3.8

1.3c

Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut taraf pekerjaan dan jantina, 2015, 2017, 2019, 2021^r dan 2023
 Share of employment in the informal sector in non-agriculture by status in employment and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Jumlah Total	11.4	10.8	9.3	9.2	9.3
Majikan Employer	6.0	5.6	5.3	6.8	5.0
Pekerja Employee	2.8	2.8	2.0	2.1	2.0
Bekerja sendiri Own account worker	55.1	49.1	43.4	54.6	52.4
Pekerja keluarga tanpa gaji Unpaid family worker	30.0	28.6	29.7	29.2	28.4
Lelaki Male	9.7	11.1	8.9	8.9	8.3
Majikan Employer	4.6	5.0	4.5	6.2	4.4
Pekerja Employee	3.6	3.6	2.7	2.5	2.2
Bekerja sendiri Own account worker	46.4	51.6	42.9	45.7	40.2
Pekerja keluarga tanpa gaji Unpaid family worker	28.2	46.0	29.3	32.7	36.3
Perempuan Female	13.9	10.3	9.9	9.7	10.9
Majikan Employer	13.0	8.7	8.6	9.0	7.1
Pekerja Employee	1.5	1.7	1.1	1.4	1.6
Bekerja sendiri Own account worker	65.7	45.9	44.1	73.0	74.6
Pekerja keluarga tanpa gaji Unpaid family worker	30.6	21.2	29.9	27.6	21.6

1.4a Guna tenaga dalam sektor informal bukan pertanian mengikut taraf pekerjaan dan strata, 2015, 2017, 2019, 2021^r dan 2023

Employment in the informal sector in non-agriculture by status in employment and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
Majikan Employer	32.7	30.1	28.2	31.5	27.9	2.3	2.2	2.2	2.5	2.1
Pekerja Employee	266.2	282.7	215.3	230.4	230.1	19.0	20.4	17.1	18.6	17.1
Bekerja sendiri Own account worker	987.0	961.7	900.8	869.4	969.0	70.3	69.4	71.7	70.3	72.2
Pekerja keluarga tanpa gaji Unpaid family worker	117.2	111.8	112.0	105.5	115.5	8.4	8.1	8.9	8.5	8.6
Bandar Urban	1,011.8	1,137.4	944.7	977.8	1,095.6	100.0	100.0	100.0	100.0	100.0
Majikan Employer	25.6	27.1	23.2	24.9	20.0	2.5	2.4	2.5	2.5	1.8
Pekerja Employee	173.3	223.5	148.8	168.4	135.3	17.1	19.6	15.8	17.2	12.4
Bekerja sendiri Own account worker	727.1	794.9	687.2	703.7	846.5	71.9	69.9	72.7	72.0	77.4
Pekerja keluarga tanpa gaji Unpaid family worker	85.8	91.9	85.6	80.8	93.9	8.5	8.1	9.1	8.3	8.6
Luar bandar Rural	391.2	249.0	311.5	259.0	249.3	100.0	100.0	100.0	100.0	100.0
Majikan Employer	7.0	3.0	5.0	6.6	10.3	1.8	1.2	1.6	2.5	4.1
Pekerja Employee	92.9	59.2	66.5	62.0	94.8	23.8	23.8	21.3	23.9	38.0
Bekerja sendiri Own account worker	259.8	166.8	213.6	165.7	122.5	66.4	67.0	68.6	64.0	49.1
Pekerja keluarga tanpa gaji Unpaid family worker	31.4	19.9	26.4	24.7	21.6	8.0	8.0	8.5	9.6	8.7

1.4b Guna tenaga dalam sektor bukan pertanian mengikut taraf pekerjaan dan strata, 2015, 2017, 2019, 2021^r dan 2023

Employment in non-agriculture sector by status in employment and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0
Majikan Employer	545.5	534.0	533.8	460.9	553.8	4.4	4.2	3.9	3.4	3.9
Pekerja Employee	9,587.4	9,957.2	10,548.0	11,003.2	11,565.4	77.9	77.5	77.9	82.0	80.4
Bekerja sendiri Own account worker	1,790.0	1,959.3	2,073.6	1,591.2	1,849.5	14.5	15.3	15.3	11.9	12.9
Pekerja keluarga tanpa gaji Unpaid family worker	391.0	391.3	376.9	361.1	407.2	3.2	3.0	2.8	2.7	2.8
Bandar Urban	10,334.5	10,886.2	11,600.3	11,554.3	12,560.0	100.0	100.0	100.0	100.0	100.0
Majikan Employer	490.9	482.9	482.8	430.6	520.0	4.8	4.4	4.2	3.7	4.1
Pekerja Employee	8,151.4	8,536.1	9,114.1	9,479.0	10,092.2	78.9	78.4	78.6	82.0	80.4
Bekerja sendiri Own account worker	1,396.0	1,567.6	1,703.3	1,335.4	1,582.0	13.5	14.4	14.7	11.6	12.6
Pekerja keluarga tanpa gaji Unpaid family worker	296.1	299.6	300.0	309.3	365.8	2.9	2.8	2.6	2.7	2.9
Luar bandar Rural	1,979.4	1,955.5	1,932.0	1,862.2	1,815.9	100.0	100.0	100.0	100.0	100.0
Majikan Employer	54.6	51.1	50.9	30.4	33.8	2.8	2.6	2.6	1.6	1.9
Pekerja Employee	1,435.9	1,421.0	1,434.0	1,524.2	1,473.2	72.5	72.7	74.2	81.9	81.1
Bekerja sendiri Own account worker	394.0	391.7	370.3	255.8	267.5	19.9	20.0	19.2	13.7	14.7
Pekerja keluarga tanpa gaji Unpaid family worker	94.9	91.7	76.8	51.8	41.3	4.8	4.7	4.0	2.8	2.3

1.4c Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut taraf pekerjaan dan strata, 2015, 2017, 2019, 2021^r dan 2023

Share of employment in the informal sector in non-agriculture by status in employment and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Jumlah <i>Total</i>	11.4	10.8	9.3	9.2	9.3
Majikan <i>Employer</i>	6.0	5.6	5.3	6.8	5.0
Pekerja <i>Employee</i>	2.8	2.8	2.0	2.1	2.0
Bekerja sendiri <i>Own account worker</i>	55.1	49.1	43.4	54.6	52.4
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	30.0	28.6	29.7	29.2	28.4
Bandar <i>Urban</i>	9.8	10.4	8.1	8.5	8.7
Majikan <i>Employer</i>	5.2	5.6	4.8	5.8	3.8
Pekerja <i>Employee</i>	2.1	2.6	1.6	1.8	1.3
Bekerja sendiri <i>Own account worker</i>	52.1	50.7	40.3	52.7	53.5
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	29.0	30.7	28.5	26.1	25.7
Luar bandar <i>Rural</i>	19.8	12.7	16.1	13.9	13.7
Majikan <i>Employer</i>	12.9	5.9	9.9	21.7	30.6
Pekerja <i>Employee</i>	6.5	4.2	4.6	4.1	6.4
Bekerja sendiri <i>Own account worker</i>	66.0	42.6	57.7	64.8	45.8
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	33.1	21.7	34.4	47.8	52.3

1.5a Guna tenaga dalam sektor informal bukan pertanian mengikut industri dan jantina, 2015, 2017, 2019, 2021^r dan 2023

Employment in the informal sector in non-agriculture by industry and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
Pembuatan Manufacturing	223.7	241.4	200.4	220.3	223.8	15.9	17.4	16.0	17.8	16.7
Pembinaan Construction	288.9	276.9	237.7	172.5	187.6	20.6	20.0	18.9	13.9	14.0
Perkhidmatan Services	884.6	860.0	812.2	838.1	923.5	63.0	62.0	64.7	67.8	68.8
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	251.7	283.4	262.4	310.8	358.8	17.9	20.4	20.9	25.1	26.7
Pengangkutan dan penyimpanan Transportation and storage	54.6	48.8	44.9	69.5	64.5	3.9	3.5	3.6	5.6	4.8
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	220.6	222.6	223.4	266.4	293.9	15.7	16.1	17.8	21.5	21.9
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	67.6	84.0	80.2	56.8	51.5	4.8	6.1	6.4	4.6	3.8
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	196.5	114.8	113.3	64.3	78.7	14.0	8.3	9.0	5.2	5.9
Aktiviti perkhidmatan lain Other services activities	93.6	106.3	87.9	70.3	76.1	6.7	7.7	7.0	5.7	5.7
Lain-lain Others	5.9	8.1	5.9	6.0	7.5	0.4	0.6	0.5	0.5	0.6

1.5a Guna tenaga dalam sektor informal bukan pertanian mengikut industri dan jantina, 2015, 2017, 2019, 2021^r dan 2023 ('samb) Employment in the informal sector in non-agriculture by industry and sex, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Lelaki Male	714.0	850.3	707.2	713.9	720.4	100.0	100.0	100.0	100.0	100.0
Pembuatan Manufacturing	44.5	114.6	57.4	88.6	100.6	6.2	13.5	8.1	12.4	14.0
Pembinaan Construction	283.0	268.9	235.8	170.2	171.6	39.6	31.6	33.3	23.8	23.8
Perkhidmatan Services	381.4	459.9	409.0	450.2	442.7	53.4	54.1	57.8	63.1	61.4
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	145.1	173.5	161.7	189.7	181.6	20.3	20.4	22.9	26.6	25.2
Pengangkutan dan penyimpanan Transportation and storage	47.4	43.7	41.8	62.3	45.0	6.6	5.1	5.9	8.7	6.3
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	79.5	122.0	96.3	121.0	138.7	11.1	14.4	13.6	17.0	19.3
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	44.5	49.3	55.8	34.8	25.7	6.2	5.8	7.9	4.9	3.6
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	9.5	9.1	4.1	1.4	6.5	1.3	1.1	0.6	0.2	0.9
Aktiviti perkhidmatan lain Other services activities	55.4	62.2	49.3	40.9	45.1	7.8	7.3	7.0	5.7	6.3
Lain-lain Others	5.1	6.9	5.0	5.0	5.5	0.7	0.8	0.7	0.7	0.8

1.5a Guna tenaga dalam sektor informal bukan pertanian mengikut industri dan jantina, 2015, 2017, 2019, 2021^r dan 2023 ('samb) Employment in the informal sector in non-agriculture by industry and sex, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Perempuan Female	689.1	536.0	548.9	522.9	622.1	100.0	100.0	100.0	100.0	100.0
Pembuatan Manufacturing	179.2	126.8	143.0	131.7	123.2	26.0	23.6	26.0	25.2	19.8
Pembinaan Construction	5.9	8.0	1.9	2.2	16.0	0.9	1.5	0.3	0.4	2.6
Perkhidmatan Services	503.1	400.0	403.2	387.9	480.9	73.0	74.6	73.5	74.2	77.3
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	106.6	109.9	100.7	121.1	177.2	15.5	20.5	18.3	23.2	28.5
Pengangkutan dan penyimpanan Transportation and storage	7.2	5.1	3.1	7.2	19.5	1.0	1.0	0.6	1.4	3.1
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	141.0	100.6	127.1	145.4	155.2	20.5	18.8	23.1	27.8	24.9
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	23.1	34.7	24.5	21.9	25.8	3.4	6.5	4.5	4.2	4.2
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	187.0	105.7	109.2	62.9	72.2	27.1	19.7	19.9	12.0	11.6
Aktiviti perkhidmatan lain Other services activities	38.2	44.1	38.6	29.4	30.9	5.5	8.2	7.0	5.6	5.0
Lain-lain Others	0.8	1.2	0.9	1.0	2.0	0.1	0.2	0.2	0.2	0.3

1.5b Guna tenaga dalam sektor bukan pertanian mengikut industri dan jantina, 2015, 2017, 2019, 2021^r dan 2023

Employment in non-agriculture sector by industry and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0
Pembuatan Manufacturing	2,322.7	2,513.3	2,612.0	2,476.4	2,597.8	18.9	19.6	19.3	18.5	18.1
Pembinaan Construction	1,309.9	1,258.9	1,246.7	1,165.8	1,284.5	10.6	9.8	9.2	8.7	8.9
Perkhidmatan Services	8,299.1	8,720.7	9,312.3	9,487.1	10,138.6	67.4	67.9	68.8	70.7	70.5
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	2,361.4	2,485.4	2,604.6	2,732.7	2,991.5	19.2	19.4	19.2	20.4	20.8
Pengangkutan dan penyimpanan Transportation and storage	615.0	658.2	677.8	693.6	735.3	5.0	5.1	5.0	5.2	5.1
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	1,150.8	1,323.2	1,549.7	1,447.2	1,592.8	9.3	10.3	11.5	10.8	11.1
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	634.8	677.2	809.2	803.3	886.3	5.2	5.3	6.0	6.0	6.2
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	573.1	588.0	527.7	601.1	626.4	4.7	4.6	3.9	4.5	4.4
Aktiviti perkhidmatan lain Other services activities	2,964.0	2,988.7	3,143.3	3,209.2	3,306.2	24.1	23.3	23.2	23.9	23.0
Lain-lain Others	382.2	348.9	361.3	287.2	355.0	3.1	2.7	2.7	2.1	2.5

1.5b Guna tenaga dalam sektor bukan pertanian mengikut industri dan jantina, 2015, 2017, 2019, 2021^r dan 2023 ('samb)
Employment in non-agriculture sector by industry and sex, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Lelaki <i>Male</i>	7,362.9	7,650.8	7,981.6	8,023.1	8,653.7	100.0	100.0	100.0	100.0	100.0
Pembuatan <i>Manufacturing</i>	1,438.3	1,525.7	1,615.5	1,623.5	1,704.6	11.7	11.9	11.9	12.1	11.9
Pembinaan <i>Construction</i>	1,195.6	1,137.2	1,132.6	1,023.3	1,127.6	9.7	8.9	8.4	7.6	7.8
Perkhidmatan <i>Services</i>	4,521.3	4,780.7	5,013.6	5,178.3	5,614.8	36.7	37.2	37.0	38.6	39.1
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal <i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	1,400.5	1,461.3	1,493.0	1,530.9	1,693.9	11.4	11.4	11.0	11.4	11.8
Pengangkutan dan penyimpanan <i>Transportation and storage</i>	532.9	573.8	578.2	555.9	581.4	4.3	4.5	4.3	4.1	4.0
Penginapan dan aktiviti perkhidmatan makanan dan minuman <i>Accommodation and food and beverage service activities</i>	583.0	664.9	739.2	623.6	815.5	4.7	5.2	5.5	4.6	5.7
Aktiviti pentadbiran dan khidmat sokongan <i>Administrative and support service activities</i>	407.9	456.3	522.5	481.5	542.1	3.3	3.6	3.9	3.6	3.8
Aktiviti kesihatan kemanusiaan dan kerja sosial <i>Human health and social work activities</i>	110.0	122.9	114.6	277.0	223.9	0.9	1.0	0.8	2.1	1.6
Aktiviti perkhidmatan lain <i>Other services activities</i>	1,487.1	1,501.4	1,566.2	1,709.4	1,757.9	12.1	11.7	11.6	12.7	12.2
Lain-lain <i>Others</i>	207.7	207.2	219.9	198.0	206.6	1.7	1.6	1.6	1.5	1.4

1.5b Guna tenaga dalam sektor bukan pertanian mengikut industri dan jantina, 2015, 2017, 2019, 2021^r dan 2023 ('samb)
Employment in non-agriculture sector by industry and sex, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Perempuan Female	4,951.0	5,190.9	5,550.7	5,393.4	5,722.3	100.0	100.0	100.0	100.0	100.0
Pembuatan Manufacturing	884.3	987.6	996.5	852.9	893.2	7.2	7.7	7.4	6.4	6.2
Pembinaan Construction	114.3	121.7	114.1	142.5	156.9	0.9	0.9	0.8	1.1	1.1
Perkhidmatan Services	3,777.9	3,940.0	4,298.6	4,308.8	4,523.8	30.7	30.7	31.8	32.1	31.5
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	961.0	1,024.1	1,111.6	1,201.8	1,297.6	7.8	8.0	8.2	9.0	9.0
Pengangkutan dan penyimpanan Transportation and storage	82.2	84.4	99.6	137.7	153.9	0.7	0.7	0.7	1.0	1.1
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	567.9	658.3	810.4	823.6	777.3	4.6	5.1	6.0	6.1	5.4
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	226.9	220.9	286.8	321.8	344.3	1.8	1.7	2.1	2.4	2.4
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	463.0	465.1	413.1	324.1	402.4	3.8	3.6	3.1	2.4	2.8
Aktiviti perkhidmatan lain Other services activities	1,476.9	1,487.2	1,577.1	1,499.7	1,548.2	12.0	11.6	11.7	11.2	10.8
Lain-lain Others	174.4	141.7	141.4	89.2	148.4	1.4	1.1	1.0	0.7	1.0

1.5c

Sumbangan guna tenaga sektor informal bukan pertanian dalam sektor bukan pertanian mengikut industri dan jantina, 2015, 2017, 2019, 2021¹ dan 2023
Share of employment in the informal sector in non-agriculture by industry and sex, 2015, 2017, 2019, 2021¹ dan 2023

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ¹	2023
Jumlah <i>Total</i>	11.4	10.8	9.3	9.2	9.3
Pembuatan <i>Manufacturing</i>	9.6	9.6	7.7	8.9	8.6
Pembinaan <i>Construction</i>	22.1	22.0	19.1	14.8	14.6
Perkhidmatan <i>Services</i>	10.7	9.9	8.7	8.8	9.1
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal <i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	10.7	11.4	10.1	11.4	12.0
Pengangkutan dan penyimpanan <i>Transportation and storage</i>	8.9	7.4	6.6	10.0	8.8
Penginapan dan aktiviti perkhidmatan makanan dan minuman <i>Accommodation and food and beverage service activities</i>	19.2	16.8	14.4	18.4	18.5
Aktiviti pentadbiran dan khidmat sokongan <i>Administrative and support service activities</i>	10.7	12.4	9.9	7.1	5.8
Aktiviti kesihatan kemanusiaan dan kerja sosial <i>Human health and social work activities</i>	34.3	19.5	21.5	10.7	12.6
Aktiviti perkhidmatan lain <i>Other services activities</i>	3.2	3.6	2.8	2.2	2.3
Lain-lain <i>Others</i>	1.5	2.3	1.6	2.1	2.1

1.5c Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut industri dan jantina, 2015, 2017, 2019, 2021^r dan 2023 ('samb.)

Share of employment in the informal sector in non-agriculture by industry and sex, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Lelaki Male	9.7	11.1	8.9	8.9	8.3
Pembuatan Manufacturing	3.1	7.5	3.6	5.5	5.9
Pembinaan Construction	23.7	23.6	20.8	16.6	15.2
Perkhidmatan Services	8.4	9.6	8.2	8.7	7.9
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	10.4	11.9	10.8	12.4	10.7
Pengangkutan dan penyimpanan Transportation and storage	8.9	7.6	7.2	11.2	7.7
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	13.6	18.4	13.0	19.4	17.0
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	10.9	10.8	10.7	7.2	4.7
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	8.6	7.4	3.6	0.5	2.9
Aktiviti perkhidmatan lain Other services activities	3.7	4.1	3.1	2.4	2.6
Lain-lain Others	2.4	3.3	2.3	2.5	2.7

1.5c Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut industri dan jantina, 2015, 2017, 2019, 2021^r dan 2023 ('samb.)
Share of employment in the informal sector in non-agriculture by industry and sex, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Perempuan Female	13.9	10.3	9.9	9.7	10.9
Pembuatan Manufacturing	20.3	12.8	14.3	15.4	13.8
Pembinaan Construction	5.2	6.6	1.7	1.6	10.2
Perkhidmatan Services	13.3	10.2	9.4	9.0	10.6
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	11.1	10.7	9.1	10.1	13.7
Pengangkutan dan penyimpanan Transportation and storage	8.8	6.0	3.2	5.2	12.7
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	24.8	15.3	15.7	17.7	20.0
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	10.2	15.7	8.5	6.8	7.5
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	40.4	22.7	26.4	19.4	17.9
Aktiviti perkhidmatan lain Other services activities	2.6	3.0	2.4	2.0	2.0
Lain-lain Others	0.5	0.9	0.6	1.1	1.4

1.6a Guna tenaga dalam sektor informal bukan pertanian mengikut industri dan strata, 2015, 2017, 2019, 2021^r dan 2023

Employment in the informal sector in non-agriculture by industry and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
Pembuatan Manufacturing	223.7	241.4	200.4	220.3	223.8	15.9	17.4	16.0	17.8	16.7
Pembinaan Construction	288.9	276.9	237.7	172.5	187.6	20.6	20.0	18.9	13.9	14.0
Perkhidmatan Services	884.6	860.0	812.2	838.1	923.5	63.0	62.0	64.7	67.8	68.8
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	251.7	283.4	262.4	310.8	358.8	17.9	20.4	20.9	25.1	26.7
Pengangkutan dan penyimpanan Transportation and storage	54.6	48.8	44.9	69.5	64.5	3.9	3.5	3.6	5.6	4.8
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	220.6	222.6	223.4	266.4	293.9	15.7	16.1	17.8	21.5	21.9
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	67.6	84.0	80.2	56.8	51.5	4.8	6.1	6.4	4.6	3.8
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	196.5	114.8	113.3	64.3	78.7	14.0	8.3	9.0	5.2	5.9
Aktiviti perkhidmatan lain Other services activities	93.6	106.3	87.9	70.3	76.1	6.7	7.7	7.0	5.7	5.7
Lain-lain Others	5.9	8.1	5.9	6.0	7.5	0.4	0.6	0.5	0.5	0.6

1.6a Guna tenaga dalam sektor informal bukan pertanian mengikut industri dan strata, 2015, 2017, 2019, 2021^r dan 2023 ('samb) Employment in the informal sector in non-agriculture by industry and strata, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Bandar Urban	1,011.8	1,137.4	944.7	977.8	1,093.2	100.0	100.0	100.0	100.0	100.0
Pembuatan Manufacturing	148.6	204.9	148.6	165.6	174.4	14.7	18.0	15.7	16.9	16.0
Pembinaan Construction	186.1	214.1	159.5	113.9	136.4	18.4	18.8	16.9	11.6	12.5
Perkhidmatan Services	672.6	712.4	631.5	693.2	776.0	66.5	62.6	66.8	70.9	71.0
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	176.6	232.9	210.6	247.1	307.7	17.5	20.5	22.3	25.3	28.2
Pengangkutan dan penyimpanan Transportation and storage	38.3	39.0	30.5	57.0	56.8	3.8	3.4	3.2	5.8	5.2
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	162.3	179.8	168.2	217.1	244.1	16.0	15.8	17.8	22.2	22.3
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	48.3	65.7	52.5	48.7	37.1	4.8	5.8	5.6	5.0	3.4
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	162.0	97.4	93.7	61.4	67.1	16.0	8.6	9.9	6.3	6.1
Aktiviti perkhidmatan lain Other services activities	85.0	97.6	76.0	61.9	63.1	8.4	8.6	8.0	6.3	5.8
Lain-lain Others	4.5	6.1	5.0	5.0	6.3	0.4	0.5	0.5	0.5	0.6

1.6a Guna tenaga dalam sektor informal bukan pertanian mengikut industri dan strata, 2015, 2017, 2019, 2021^r dan 2023 ('samb) Employment in the informal sector in non-agriculture by industry and strata, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Luar bandar Rural	391.2	249.0	311.5	259.0	249.3	100.0	100.0	100.0	100.0	100.0
Pembuatan Manufacturing	75.0	36.5	51.8	54.7	49.4	19.2	14.7	16.6	21.1	19.8
Pembinaan Construction	102.8	62.8	78.2	58.5	51.2	26.3	25.2	25.1	22.6	20.5
Perkhidmatan Services	212.0	147.6	180.7	144.9	147.5	54.2	59.3	58.0	55.9	59.2
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	75.1	50.5	51.8	63.7	51.1	19.2	20.3	16.6	24.6	20.5
Pengangkutan dan penyimpanan Transportation and storage	16.3	9.8	14.5	12.5	7.7	4.2	3.9	4.7	4.8	3.1
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	58.3	42.9	55.2	49.3	49.9	14.9	17.2	17.7	19.0	20.0
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	19.3	18.3	27.7	8.1	14.3	4.9	7.4	8.9	3.1	5.8
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	34.4	17.5	19.7	2.9	11.6	8.8	7.0	6.3	1.1	4.6
Aktiviti perkhidmatan lain Other services activities	8.6	8.7	11.8	8.4	13.0	2.2	3.5	3.8	3.2	5.2
Lain-lain Others	1.4	2.1	0.8	1.0	1.2	0.3	0.8	0.3	0.4	0.5

1.6b Guna tenaga dalam sektor bukan pertanian mengikut industri dan strata, 2015, 2017, 2019, 2021^r dan 2023

Employment in non-agriculture sector by industry and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0
Pembuatan Manufacturing	2,322.7	2,513.3	2,612.0	2,476.4	2,597.8	18.9	19.6	19.3	18.5	18.1
Pembinaan Construction	1,309.9	1,258.9	1,246.7	1,165.8	1,284.5	10.6	9.8	9.2	8.7	8.9
Perkhidmatan Services	8,299.1	8,720.7	9,312.3	9,487.1	10,138.6	67.4	67.9	68.8	70.7	70.5
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	2,361.4	2,485.4	2,604.6	2,732.7	2,991.5	19.2	19.4	19.2	20.4	20.8
Pengangkutan dan penyimpanan Transportation and storage	615.0	658.2	677.8	693.6	735.3	5.0	5.1	5.0	5.2	5.1
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	1,150.8	1,323.2	1,549.7	1,447.2	1,592.8	9.3	10.3	11.5	10.8	11.1
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	634.8	677.2	809.2	803.3	886.3	5.2	5.3	6.0	6.0	6.2
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	573.1	588.0	527.7	601.1	626.4	4.7	4.6	3.9	4.5	4.4
Aktiviti perkhidmatan lain Other services activities	2,964.0	2,988.7	3,143.3	3,209.2	3,306.2	24.1	23.3	23.2	23.9	23.0
Lain-lain Others	382.2	348.9	361.3	287.2	355.0	3.1	2.7	2.7	2.1	2.5

1.6b Guna tenaga dalam sektor bukan pertanian mengikut industri dan strata, 2015, 2017, 2019, 2021^r dan 2023 ('samb)
Employment in non-agriculture sector by industry and strata, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Bandar Urban	10,334.5	10,886.2	11,600.3	11,554.3	12,560.0	100.0	100.0	100.0	100.0	100.0
Pembuatan Manufacturing	1,956.5	2,140.6	2,245.6	2,049.2	2,270.7	15.9	16.7	16.6	15.3	15.8
Pembinaan Construction	1,071.8	1,032.4	1,028.3	960.2	1,063.5	8.7	8.0	7.6	7.2	7.4
Perkhidmatan Services	6,980.5	7,420.5	8,022.5	8,310.6	8,934.9	56.7	57.8	59.3	61.9	62.2
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	1,986.0	2,108.7	2,258.8	2,386.9	2,647.3	16.1	16.4	16.7	17.8	18.4
Pengangkutan dan penyimpanan Transportation and storage	506.9	560.8	586.3	602.9	648.8	4.1	4.4	4.3	4.5	4.5
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	944.4	1,097.1	1,321.1	1,278.7	1,372.0	7.7	8.5	9.8	9.5	9.5
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	496.3	532.2	646.8	673.7	740.7	4.0	4.1	4.8	5.0	5.2
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	480.9	501.3	448.5	542.0	560.3	3.9	3.9	3.3	4.0	3.9
Aktiviti perkhidmatan lain Other services activities	2,566.0	2,620.6	2,761.0	2,826.4	2,965.8	20.8	20.4	20.4	21.1	20.6
Lain-lain Others	325.7	292.7	303.8	234.3	290.9	2.6	2.3	2.2	1.7	2.0



1.6b Guna tenaga dalam sektor bukan pertanian mengikut industri dan strata, 2015, 2017, 2019, 2021^r dan 2023 ('samb)
Employment in non-agriculture sector by industry and strata, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Luar bandar Rural	1,979.4	1,955.5	1,932.0	1,862.2	1,815.9	100.0	100.0	100.0	100.0	100.0
Pembuatan Manufacturing	366.2	372.7	366.4	427.2	327.1	3.0	2.9	2.7	3.2	2.3
Pembinaan Construction	238.1	226.5	218.3	205.6	221.0	1.9	1.8	1.6	1.5	1.5
Perkhidmatan Services	1,318.7	1,300.1	1,289.7	1,176.4	1,203.7	10.7	10.1	9.5	8.8	8.4
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	375.4	376.8	345.8	345.7	344.2	3.0	2.9	2.6	2.6	2.4
Pengangkutan dan penyimpanan Transportation and storage	108.1	97.4	91.6	90.7	86.5	0.9	0.8	0.7	0.7	0.6
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	206.4	226.2	228.5	168.5	220.8	1.7	1.8	1.7	1.3	1.5
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	138.5	144.9	162.4	129.6	145.7	1.1	1.1	1.2	1.0	1.0
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	92.2	86.7	79.1	59.1	66.1	0.7	0.7	0.6	0.4	0.5
Aktiviti perkhidmatan lain Other services activities	398.0	368.1	382.3	382.8	340.3	3.2	2.9	2.8	2.9	2.4
Lain-lain Others	56.4	56.2	57.6	52.9	64.1	0.5	0.4	0.4	0.4	0.4

1.6c Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut industri dan strata, 2015, 2017, 2019, 2021^r dan 2023

Share of employment in the informal sector in non-agriculture by industry and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Jumlah Total	11.4	10.8	9.3	9.2	9.3
Pembuatan Manufacturing	9.6	9.6	7.7	8.9	8.6
Pembinaan Construction	22.1	22.0	19.1	14.8	14.6
Perkhidmatan Services	10.7	9.9	8.7	8.8	9.1
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	10.7	11.4	10.1	11.4	12.0
Pengangkutan dan penyimpanan Transportation and storage	8.9	7.4	6.6	10.0	8.8
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	19.2	16.8	14.4	18.4	18.5
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	10.7	12.4	9.9	7.1	5.8
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	34.3	19.5	21.5	10.7	12.6
Aktiviti perkhidmatan lain Other services activities	3.2	3.6	2.8	2.2	2.3
Lain-lain Others	1.5	2.3	1.6	2.1	2.1

1.6c

Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut industri dan strata, 2015, 2017, 2019, 2021^r dan 2023 (samb.)
 Share of employment in the informal sector in non-agriculture by industry and strata, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Bandar Urban	9.8	10.4	8.1	8.5	8.7
Pembuatan Manufacturing	7.6	9.6	6.6	8.1	7.7
Pembinaan Construction	17.4	20.7	15.5	11.9	12.8
Perkhidmatan Services	9.6	9.6	7.9	8.3	8.7
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	8.9	11.0	9.3	10.4	11.6
Pengangkutan dan penyimpanan Transportation and storage	7.6	7.0	5.2	9.5	8.8
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	17.2	16.4	12.7	17.0	17.8
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	9.7	12.3	8.1	7.2	5.0
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	33.7	19.4	20.9	11.3	12.0
Aktiviti perkhidmatan lain Other services activities	3.3	3.7	2.8	2.2	2.1
Lain-lain Others	1.4	2.1	1.7	2.1	2.2

1.6c Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut industri dan strata, 2015, 2017, 2019, 2021^r dan 2023 (samb.)

Share of employment in the informal sector in non-agriculture by industry and strata, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Luar bandar Rural	19.8	12.7	16.1	13.9	13.7
Pembuatan Manufacturing	20.5	9.8	14.1	12.8	15.1
Pembinaan Construction	43.2	27.7	35.8	28.5	23.2
Perkhidmatan Services	16.1	11.4	14.0	12.3	12.3
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	20.0	13.4	15.0	18.4	14.8
Pengangkutan dan penyimpanan Transportation and storage	15.1	10.0	15.8	13.8	8.9
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	28.2	19.0	24.1	29.2	22.6
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	13.9	12.6	17.1	6.2	9.8
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	37.4	20.1	24.9	4.9	17.5
Aktiviti perkhidmatan lain Other services activities	2.2	2.4	3.1	2.2	3.8
Lain-lain Others	2.4	3.7	1.4	1.8	1.8

1.7a Guna tenaga dalam sektor informal bukan pertanian mengikut kategori pekerjaan dan jantina, 2015, 2017, 2019, 2021^r dan 2023

Employment in the informal sector in non-agriculture by category of occupation and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
Pengurus dan profesional Managers and professionals	34.1	26.0	19.0	26.0	35.9	2.4	1.9	1.5	2.1	2.7
Juruteknik dan profesional bersekutu Technicians and associate professionals	48.9	40.8	35.4	41.8	47.7	3.5	2.9	2.8	3.4	3.6
Pekerja perkhidmatan dan jualan Service and sales workers	617.3	631.2	567.8	531.7	661.7	44.0	45.5	45.2	43.0	49.3
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	488.5	489.4	448.0	433.5	347.4	34.8	35.3	35.7	35.1	25.9
Pekerja asas Elementary occupations	149.2	146.7	139.9	133.4	178.3	10.6	10.6	11.1	10.8	13.3
Lain-lain Others	65.0	52.3	46.0	70.4	71.5	4.6	3.8	3.7	5.7	5.3
Lelaki Male	714.0	850.3	707.2	713.9	720.4	100.0	100.0	100.0	100.0	100.0
Pengurus dan profesional Managers and professionals	19.1	14.7	8.9	17.8	20.1	2.7	1.7	1.3	2.5	2.8
Juruteknik dan profesional bersekutu Technicians and associate professionals	36.9	32.0	23.7	28.1	35.9	5.2	3.8	3.3	3.9	5.0
Pekerja perkhidmatan dan jualan Service and sales workers	183.5	337.4	214.8	225.9	243.0	25.7	39.7	30.4	31.6	33.7
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	308.8	320.0	309.7	273.5	225.8	43.3	37.6	43.8	38.3	31.3
Pekerja asas Elementary occupations	111.3	110.9	111.5	109.4	140.1	15.6	13.0	15.8	15.3	19.4
Lain-lain Others	54.3	35.4	38.7	59.2	55.5	7.6	4.2	5.5	8.3	7.7
Perempuan Female	689.1	536.0	548.9	522.9	622.1	100.0	100.0	100.0	100.0	100.0
Pengurus dan profesional Managers and professionals	15.0	11.3	10.1	8.2	15.8	2.2	2.1	1.8	1.6	2.5
Juruteknik dan profesional bersekutu Technicians and associate professionals	12.0	8.8	11.8	13.8	11.8	1.7	1.6	2.1	2.6	1.9
Pekerja perkhidmatan dan jualan Service and sales workers	433.8	293.8	353.0	305.7	418.6	62.9	54.8	64.3	58.5	67.3
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	179.7	169.4	138.3	160.0	121.6	26.1	31.6	25.2	30.6	19.5
Pekerja asas Elementary occupations	37.9	35.8	28.4	24.0	38.2	5.5	6.7	5.2	4.6	6.1
Lain-lain Others	10.7	16.9	7.3	11.2	16.0	1.6	3.2	1.3	2.1	2.6

1.7b Guna tenaga dalam sektor bukan pertanian mengikut kategori pekerjaan dan jantina, 2015, 2017, 2019, 2021^r dan 2023

Employment in non-agriculture sector by category of occupation and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0
Pengurus dan profesional Managers and professionals	2,159.3	2,443.9	2,557.6	2,695.1	2,839.4	17.5	19.0	18.9	20.1	19.8
Juruteknik dan profesional bersekutu Technicians and associate professionals	1,399.7	1,514.6	1,563.5	1,826.1	1,874.1	11.4	11.8	11.6	13.6	13.0
Pekerja perkhidmatan dan jualan Service and sales workers	3,173.3	3,198.8	3,400.3	3,390.2	3,689.3	25.8	24.9	25.1	25.3	25.7
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	1,567.4	1,505.0	1,563.1	1,247.1	1,388.7	12.7	11.7	11.6	9.3	9.7
Pekerja asas Elementary occupations	1,265.8	1,249.0	1,330.8	1,274.9	1,417.9	10.3	9.7	9.8	9.5	9.9
Lain-lain Others	2,748.4	2,930.4	3,116.9	2,983.1	3,166.6	22.3	22.8	23.0	22.2	22.0
Lelaki Male	7,362.9	7,650.8	7,981.6	8,023.1	8,653.7	100.0	100.0	100.0	100.0	100.0
Pengurus dan profesional Managers and professionals	1,177.9	1,313.6	1,346.0	1,483.0	1,579.6	9.6	10.2	9.9	11.1	11.0
Juruteknik dan profesional bersekutu Technicians and associate professionals	920.2	1,023.9	1,084.0	1,302.9	1,324.1	7.5	8.0	8.0	9.7	9.2
Pekerja perkhidmatan dan jualan Service and sales workers	1,588.2	1,586.3	1,650.3	1,636.3	1,807.2	12.9	12.4	12.2	12.2	12.6
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	1,264.6	1,197.5	1,217.0	1,003.1	1,096.9	10.3	9.3	9.0	7.5	7.6
Pekerja asas Elementary occupations	845.9	851.7	910.5	947.6	1,025.9	6.9	6.6	6.7	7.1	7.1
Lain-lain Others	1,566.1	1,677.8	1,773.7	1,650.1	1,819.8	12.7	13.1	13.1	12.3	12.7
Perempuan Female	4,951.0	5,190.9	5,550.7	5,393.4	5,722.3	100.0	100.0	100.0	100.0	100.0
Pengurus dan profesional Managers and professionals	981.5	1,130.3	1,211.6	1,212.2	1,259.8	8.0	8.8	9.0	9.0	8.8
Juruteknik dan profesional bersekutu Technicians and associate professionals	479.5	490.7	479.5	523.2	550.0	3.9	3.8	3.5	3.9	3.8
Pekerja perkhidmatan dan jualan Service and sales workers	1,585.1	1,612.4	1,750.0	1,753.9	1,882.1	12.9	12.6	12.9	13.1	13.1
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	302.8	307.5	346.1	244.0	291.7	2.5	2.4	2.6	1.8	2.0
Pekerja asas Elementary occupations	419.9	397.3	420.3	327.2	392.0	3.4	3.1	3.1	2.4	2.7
Lain-lain Others	1,182.3	1,252.6	1,343.2	1,332.9	1,346.8	9.6	9.8	9.9	9.9	9.4

1.7c Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut kategori pekerjaan dan jantina, 2015, 2017, 2019, 2021^r dan 2023
Share of employment in the informal sector in non-agriculture sector by category of occupation and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Jumlah <i>Total</i>	11.4	10.8	9.3	9.2	9.3
Pengurus dan profesional <i>Managers and professionals</i>	1.6	1.1	0.7	1.0	1.3
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	3.5	2.7	2.3	2.3	2.5
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	19.5	19.7	16.7	15.7	17.9
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	31.2	32.5	28.7	34.8	25.0
Pekerja asas <i>Elementary occupations</i>	11.8	11.7	10.5	10.5	12.6
Lain-lain <i>Others</i>	2.4	1.8	1.5	2.4	2.3
Lelaki <i>Male</i>	9.7	11.1	8.9	8.9	8.3
Pengurus dan profesional <i>Managers and professionals</i>	1.6	1.1	0.7	1.2	1.3
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	4.0	3.1	2.2	2.2	2.7
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	11.6	21.3	13.0	13.8	13.4
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	24.4	26.7	25.4	27.3	20.6
Pekerja asas <i>Elementary occupations</i>	13.2	13.0	12.2	11.5	13.7
Lain-lain <i>Others</i>	3.5	2.1	2.2	3.6	3.0
Perempuan <i>Female</i>	13.9	10.3	9.9	9.7	10.9
Pengurus dan profesional <i>Managers and professionals</i>	1.5	1.0	0.8	0.7	1.3
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	2.5	1.8	2.5	2.6	2.1
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	27.4	18.2	20.2	17.4	22.2
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	59.4	55.1	40.0	65.6	41.7
Pekerja asas <i>Elementary occupations</i>	9.0	9.0	6.8	7.3	9.8
Lain-lain <i>Others</i>	0.9	1.4	0.5	0.8	1.2

1.8a Guna tenaga sektor informal bukan pertanian mengikut kategori pekerjaan dan strata, 2015, 2017, 2019, 2021^r dan 2023

Employment in the informal sector for non-agriculture by category of occupation and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
Pengurus dan profesional Managers and professionals	34.1	26.0	19.0	26.0	35.9	2.4	1.9	1.5	2.1	2.7
Juruteknik dan profesional bersekutu Technicians and associate professionals	48.9	40.8	35.4	41.8	47.7	3.5	2.9	2.8	3.4	3.6
Pekerja perkhidmatan dan jualan Service and sales workers	617.3	631.2	567.8	531.7	661.7	44.0	45.5	45.2	43.0	49.3
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	488.5	489.4	448.0	433.5	347.4	34.8	35.3	35.7	35.1	25.9
Pekerja asas Elementary occupations	149.2	146.7	139.9	133.4	178.3	10.6	10.6	11.1	10.8	13.3
Lain-lain Others	65.0	52.3	46.0	70.4	71.5	4.6	3.8	3.7	5.7	5.3
Bandar Urban	1,011.8	1,137.4	944.7	977.8	1,093.2	100.0	100.0	100.0	100.0	100.0
Pengurus dan profesional Managers and professionals	29.7	24.5	14.4	18.0	29.4	2.9	2.2	1.5	1.8	2.7
Juruteknik dan profesional bersekutu Technicians and associate professionals	42.8	38.2	30.3	34.6	41.1	4.2	3.4	3.2	3.5	3.8
Pekerja perkhidmatan dan jualan Service and sales workers	467.8	524.0	458.8	438.6	566.3	46.2	46.1	48.6	44.9	51.8
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	328.2	395.8	330.9	324.0	271.4	32.4	34.8	35.0	33.1	24.8
Pekerja asas Elementary occupations	94.9	110.6	81.5	108.0	126.0	9.4	9.7	8.6	11.0	11.5
Lain-lain Others	48.5	44.4	28.8	54.7	59.0	4.8	3.9	3.1	5.6	5.4
Luar bandar Rural	391.2	249.0	311.5	259.0	249.3	100.0	100.0	100.0	100.0	100.0
Pengurus dan profesional Managers and professionals	4.4	1.5	4.6	8.0	6.5	1.1	0.6	1.5	3.1	2.6
Juruteknik dan profesional bersekutu Technicians and associate professionals	6.1	2.6	5.1	7.3	6.5	1.6	1.0	1.6	2.8	2.6
Pekerja perkhidmatan dan jualan Service and sales workers	149.5	107.2	109.0	93.0	95.4	38.2	43.1	35.0	35.9	38.3
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	160.4	93.6	117.2	109.6	76.0	41.0	37.6	37.6	42.3	30.5
Pekerja asas Elementary occupations	54.3	36.1	58.5	25.4	52.3	13.9	14.5	18.8	9.8	21.0
Lain-lain Others	16.5	8.0	17.2	15.7	12.5	4.2	3.2	5.5	6.1	5.0

1.8b Guna tenaga dalam sektor bukan pertanian mengikut kategori pekerjaan dan strata, 2015, 2017, 2019, 2021^r dan 2023

Employment in non-agriculture sector by category of occupation and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0
Pengurus dan profesional Managers and professionals	2,159.3	2,443.9	2,557.6	2,695.1	2,839.4	17.5	19.0	18.9	20.1	19.8
Juruteknik dan profesional bersekutu Technicians and associate professionals	1,399.7	1,514.6	1,563.5	1,826.1	1,874.1	11.4	11.8	11.6	13.6	13.0
Pekerja perkhidmatan dan jualan Service and sales workers	3,173.3	3,198.8	3,400.3	3,390.2	3,689.3	25.8	24.9	25.1	25.3	25.7
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	1,567.4	1,505.0	1,563.1	1,247.1	1,388.7	12.7	11.7	11.6	9.3	9.7
Pekerja asas Elementary occupations	1,265.8	1,249.0	1,330.8	1,274.9	1,417.9	10.3	9.7	9.8	9.5	9.9
Lain-lain Others	2,748.4	2,930.4	3,116.9	2,983.1	3,166.6	22.3	22.8	23.0	22.2	22.0
Bandar Urban	10,334.5	10,886.2	11,600.3	11,554.3	12,560.0	100.0	100.0	100.0	100.0	100.0
Pengurus dan profesional Managers and professionals	1,941.7	2,211.7	2,310.2	2,441.3	2,615.4	15.8	17.2	17.1	18.2	18.2
Juruteknik dan profesional bersekutu Technicians and associate professionals	1,258.3	1,362.0	1,416.3	1,646.3	1,725.2	10.2	10.6	10.5	12.3	12.0
Pekerja perkhidmatan dan jualan Service and sales workers	2,576.8	2,619.3	2,845.0	2,911.9	3,182.2	20.9	20.4	21.0	21.7	22.1
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	1,246.8	1,202.7	1,286.2	1,015.7	1,168.8	10.1	9.4	9.5	7.6	8.1
Pekerja asas Elementary occupations	997.5	977.3	1,053.0	972.7	1,101.2	8.1	7.6	7.8	7.2	7.7
Lain-lain Others	2,313.4	2,513.2	2,689.5	2,566.4	2,767.2	18.8	19.6	19.9	19.1	19.2
Luar bandar Rural	1,979.4	1,955.5	1,932.0	1,862.2	1,815.9	100.0	100.0	100.0	100.0	100.0
Pengurus dan profesional Managers and professionals	217.6	232.2	247.4	253.9	224.0	1.8	1.8	1.8	1.9	1.6
Juruteknik dan profesional bersekutu Technicians and associate professionals	141.4	152.6	147.1	179.7	148.9	1.1	1.2	1.1	1.3	1.0
Pekerja perkhidmatan dan jualan Service and sales workers	596.6	579.5	555.4	478.3	507.1	4.8	4.5	4.1	3.6	3.5
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	320.6	302.3	276.9	231.3	219.9	2.6	2.4	2.0	1.7	1.5
Pekerja asas Elementary occupations	268.2	271.8	277.8	302.2	316.7	2.2	2.1	2.1	2.3	2.2
Lain-lain Others	435.0	417.2	427.4	416.7	399.4	3.5	3.2	3.2	3.1	2.8

1.8c **Sumbangan guna tenaga sektor informal bukan pertanian dalam sektor bukan pertanian mengikut kategori pekerjaan dan strata, 2015, 2017, 2019, 2021^r dan 2023**

Share of employment in the informal sector in non-agriculture in non-agricultural category of occupation and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara <i>Item</i>	Kadar terhadap guna tenaga <i>Rate to employment (%)</i>				
	2015	2017	2019	2021 ^r	2023
Jumlah <i>Total</i>	11.4	10.8	9.3	9.2	9.3
Pengurus dan profesional <i>Managers and professionals</i>	1.6	1.1	0.7	1.0	1.3
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	3.5	2.7	2.3	2.3	2.5
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	19.5	19.7	16.7	15.7	17.9
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	31.2	32.5	28.7	34.8	25.0
Pekerja asas <i>Elementary occupations</i>	11.8	11.7	10.5	10.5	12.6
Lain-lain <i>Others</i>	2.4	1.8	1.5	2.4	2.3
Bandar <i>Urban</i>	9.8	10.4	8.1	8.5	8.7
Pengurus dan profesional <i>Managers and professionals</i>	1.5	1.1	0.6	0.7	1.1
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	3.4	2.8	2.1	2.1	2.4
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	18.2	20.0	16.1	15.1	17.8
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	26.3	32.9	25.7	31.9	23.2
Pekerja asas <i>Elementary occupations</i>	9.5	11.3	7.7	11.1	11.4
Lain-lain <i>Others</i>	2.1	1.8	1.1	2.1	2.1
Luar bandar <i>Rural</i>	19.8	12.7	16.1	13.9	13.7
Pengurus dan profesional <i>Managers and professionals</i>	2.0	0.7	1.9	3.1	2.9
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	4.3	1.7	3.4	4.0	4.4
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	25.1	18.5	19.6	19.5	18.8
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	50.0	31.0	42.3	47.4	34.6
Pekerja asas <i>Elementary occupations</i>	20.3	13.3	21.0	8.4	16.5
Lain-lain <i>Others</i>	3.8	1.9	4.0	3.8	3.1

1.9a Guna tenaga dalam sektor informal bukan pertanian mengikut kumpulan umur dan jantina, 2015, 2017, 2019, 2021^r dan 2023

Employment in the informal sector in non-agriculture by age group and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
15 - 24	192.8	201.6	168.9	148.9	301.4	13.7	14.5	13.4	12.0	22.5
25 - 34	325.9	323.0	334.4	323.5	311.9	23.2	23.3	26.6	26.2	23.2
35 - 44	338.0	351.8	295.9	330.4	283.9	24.1	25.4	23.6	26.7	21.1
45 - 54	343.3	317.9	291.1	284.8	262.2	24.5	22.9	23.2	23.0	19.5
55 - 64	203.0	192.1	165.8	149.1	183.2	14.5	13.9	13.2	12.1	13.6
Lelaki Male	714.0	850.3	707.2	713.9	720.4	100.0	100.0	100.0	100.0	100.0
15 - 24	124.3	143.3	103.0	107.1	209.9	17.4	16.8	14.6	15.0	29.1
25 - 34	177.5	214.2	195.3	188.4	138.1	24.9	25.2	27.6	26.4	19.2
35 - 44	169.5	214.2	164.5	178.7	132.9	23.7	25.2	23.3	25.0	18.4
45 - 54	147.8	169.6	150.4	148.9	137.8	20.7	19.9	21.3	20.9	19.1
55 - 64	94.8	109.1	94.0	90.8	101.7	13.3	12.8	13.3	12.7	14.1
Perempuan Female	689.1	536.0	548.9	522.9	622.1	100.0	100.0	100.0	100.0	100.0
15 - 24	68.5	58.3	65.9	41.8	91.5	9.9	10.9	12.0	8.0	14.7
25 - 34	148.4	108.8	139.1	135.1	173.7	21.5	20.3	25.3	25.8	27.9
35 - 44	168.5	137.6	131.4	151.7	151.0	24.5	25.7	23.9	29.0	24.3
45 - 54	195.5	148.3	140.7	135.9	124.4	28.4	27.7	25.6	26.0	20.0
55 - 64	108.2	83.0	71.8	58.4	81.5	15.7	15.5	13.1	11.2	13.1

1.9b Guna tenaga dalam sektor bukan pertanian mengikut kumpulan umur dan jantina, 2015, 2017, 2019, 2021^r dan 2023

Employment in non-agriculture sector by age group and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0
15 - 24	1,963.1	2,052.9	2,261.0	2,081.5	2,207.7	15.9	16.0	16.7	15.5	15.4
25 - 34	4,308.3	4,542.5	4,676.9	4,191.7	4,433.2	35.0	35.4	34.6	31.2	30.8
35 - 44	2,950.6	3,102.5	3,311.3	3,832.1	4,134.7	24.0	24.2	24.5	28.6	28.8
45 - 54	2,186.5	2,222.0	2,314.0	2,322.1	2,488.7	17.8	17.3	17.1	17.3	17.3
55 - 64	905.3	921.7	969.1	989.0	1,111.6	7.4	7.2	7.2	7.4	7.7
Lelaki Male	7,362.9	7,650.8	7,981.6	8,023.1	8,653.7	100.0	100.0	100.0	100.0	100.0
15 - 24	1,154.2	1,192.6	1,332.3	1,208.1	1,331.0	9.4	9.3	9.8	9.0	9.3
25 - 34	2,494.8	2,618.3	2,664.0	2,387.2	2,562.6	20.3	20.4	19.7	17.8	17.8
35 - 44	1,757.7	1,846.2	1,948.9	2,245.9	2,442.3	14.3	14.4	14.4	16.7	17.0
45 - 54	1,343.0	1,373.6	1,388.3	1,465.0	1,553.2	10.9	10.7	10.3	10.9	10.8
55 - 64	613.2	620.1	648.1	716.9	764.6	5.0	4.8	4.8	5.3	5.3
Perempuan Female	4,951.0	5,190.9	5,550.7	5,393.4	5,722.3	100.0	100.0	100.0	100.0	100.0
15 - 24	808.9	860.3	928.7	873.4	876.7	6.6	6.7	6.9	6.5	6.1
25 - 34	1,813.5	1,924.2	2,012.8	1,804.5	1,870.6	14.7	15.0	14.9	13.5	13.0
35 - 44	1,193.0	1,256.3	1,362.4	1,586.3	1,692.4	9.7	9.8	10.1	11.8	11.8
45 - 54	843.5	848.4	925.7	857.1	935.5	6.9	6.6	6.8	6.4	6.5
55 - 64	292.1	301.6	321.0	272.1	347.0	2.4	2.3	2.4	2.0	2.4

1.9c Sumbangan guna tenaga sektor informal bukan pertanian dalam sektor bukan pertanian mengikut kumpulan umur dan jantina, 2015, 2017, 2019, 2021^r dan 2023
Share of employment in the informal sector in non-agriculture for non-agriculture by age group and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara <i>Item</i>	Kadar terhadap guna tenaga <i>Rate to employment (%)</i>				
	2015	2017	2019	2021 ^r	2023
Jumlah <i>Total</i>	11.4	10.8	9.3	9.2	9.3
15 - 24	9.8	9.8	7.5	7.2	13.7
25 - 34	7.6	7.1	7.1	7.7	7.0
35 - 44	11.5	11.3	8.9	8.6	6.9
45 - 54	15.7	14.3	12.6	12.3	10.5
55 - 64	22.4	20.8	17.1	15.1	16.5
Lelaki <i>Male</i>	9.7	11.1	8.9	8.9	8.3
15 - 24	10.8	12.0	7.7	8.9	15.8
25 - 34	7.1	8.2	7.3	7.9	5.4
35 - 44	9.6	11.6	8.4	8.0	5.4
45 - 54	11.0	12.3	10.8	10.2	8.9
55 - 64	15.5	17.6	14.5	12.7	13.3
Perempuan <i>Female</i>	13.9	10.3	9.9	9.7	10.9
15 - 24	8.5	6.8	7.1	4.8	10.4
25 - 34	8.2	5.7	6.9	7.5	9.3
35 - 44	14.1	10.9	9.6	9.6	8.9
45 - 54	23.2	17.5	15.2	15.9	13.3
55 - 64	37.0	27.5	22.4	21.5	23.5

1.10a Guna tenaga dalam sektor informal bukan pertanian mengikut kumpulan umur dan strata, 2015, 2017, 2019, 2021^r dan 2023

Employment in the informal sector in non-agriculture by age group and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
15 - 24	192.8	201.6	168.9	148.9	301.4	13.7	14.5	13.4	12.0	22.5
25 - 34	325.9	323.0	334.4	323.5	311.9	23.2	23.3	26.6	26.2	23.2
35 - 44	338.0	351.8	295.9	330.4	283.9	24.1	25.4	23.6	26.7	21.1
45 - 54	343.3	317.9	291.1	284.8	262.2	24.5	22.9	23.2	23.0	19.5
55 - 64	203.0	192.1	165.8	149.1	183.2	14.5	13.9	13.2	12.1	13.6
Bandar Urban	1,011.8	1,137.4	944.7	977.8	1,093.2	100.0	100.0	100.0	100.0	100.0
15 - 24	125.6	149.6	116.5	106.8	276.0	12.4	13.2	12.3	10.9	25.2
25 - 34	228.3	268.1	250.8	245.0	243.1	22.6	23.6	26.5	25.1	22.2
35 - 44	250.3	296.1	221.8	270.3	230.4	24.7	26.0	23.5	27.6	21.1
45 - 54	255.2	263.1	226.1	231.9	195.9	25.2	23.1	23.9	23.7	17.9
55 - 64	152.4	160.5	129.5	123.8	147.9	15.1	14.1	13.7	12.7	13.5
Luar bandar Rural	391.2	249.0	311.5	259.0	249.3	100.0	100.0	100.0	100.0	100.0
15 - 24	67.2	52.0	52.4	42.1	25.4	17.2	20.9	16.8	16.3	10.2
25 - 34	97.6	54.9	83.6	78.6	68.8	24.9	22.1	26.8	30.3	27.6
35 - 44	87.7	55.7	74.1	60.1	53.5	22.4	22.4	23.8	23.2	21.5
45 - 54	88.2	54.8	65.0	52.9	66.3	22.5	22.0	20.9	20.4	26.6
55 - 64	50.6	31.6	36.3	25.3	35.3	12.9	12.7	11.7	9.8	14.2

1.10b Guna tenaga dalam sektor bukan pertanian mengikut kumpulan umur dan strata, 2015, 2017, 2019, 2021^r dan 2023

Employment in non-agriculture sector by age group and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0
15 - 24	1,963.1	2,052.9	2,261.0	2,081.5	2,207.7	15.9	16.0	16.7	15.5	15.4
25 - 34	4,308.3	4,542.5	4,676.9	4,191.7	4,433.2	35.0	35.4	34.6	31.2	30.8
35 - 44	2,950.6	3,102.5	3,311.3	3,832.1	4,134.7	24.0	24.2	24.5	28.6	28.8
45 - 54	2,186.5	2,222.0	2,314.0	2,322.1	2,488.7	17.8	17.3	17.1	17.3	17.3
55 - 64	905.3	921.7	969.1	989.0	1,111.6	7.4	7.2	7.2	7.4	7.7
Bandar Urban	10,334.5	10,886.2	11,600.3	11,554.3	12,560.0	100.0	100.0	100.0	100.0	100.0
15 - 24	1,579.7	1,643.0	1,861.3	1,713.6	1,856.2	12.8	12.8	13.8	12.8	12.9
25 - 34	3,669.8	3,923.7	4,044.4	3,571.5	3,853.3	29.8	30.6	29.9	26.6	26.8
35 - 44	2,508.4	2,661.8	2,879.3	3,367.6	3,691.1	20.4	20.7	21.3	25.1	25.7
45 - 54	1,826.9	1,880.8	1,984.4	2,039.5	2,201.7	14.8	14.6	14.7	15.2	15.3
55 - 64	749.7	776.8	830.8	862.1	957.7	6.1	6.0	6.1	6.4	6.7
Luar bandar Rural	1,979.4	1,955.5	1,932.0	1,862.2	1,815.9	100.0	100.0	100.0	100.0	100.0
15 - 24	383.3	409.9	399.8	367.8	351.5	3.1	3.2	3.0	2.7	2.4
25 - 34	638.6	618.8	632.4	620.2	579.9	5.2	4.8	4.7	4.6	4.0
35 - 44	442.3	440.7	432.0	464.5	443.7	3.6	3.4	3.2	3.5	3.1
45 - 54	359.6	341.3	329.5	282.6	286.9	2.9	2.7	2.4	2.1	2.0
55 - 64	155.6	144.9	138.4	127.0	153.9	1.3	1.1	1.0	0.9	1.1

1.10c

Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut kumpulan umur dan strata, 2015, 2017, 2019, 2021^r dan 2023

Share of employment in the informal sector in non-agriculture sector by age group and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara <i>Item</i>	Kadar terhadap guna tenaga <i>Rate to employment (%)</i>				
	2015	2017	2019	2021 ^r	2023
Jumlah <i>Total</i>	11.4	10.8	9.3	9.2	9.3
15 - 24	9.8	9.8	7.5	7.2	13.7
25 - 34	7.6	7.1	7.1	7.7	7.0
35 - 44	11.5	11.3	8.9	8.6	6.9
45 - 54	15.7	14.3	12.6	12.3	10.5
55 - 64	22.4	20.8	17.1	15.1	16.5
Bandar <i>Urban</i>	9.8	10.4	8.1	8.5	8.7
15 - 24	8.0	9.1	6.3	6.2	14.9
25 - 34	6.2	6.8	6.2	6.9	6.3
35 - 44	10.0	11.1	7.7	8.0	6.2
45 - 54	14.0	14.0	11.4	11.4	8.9
55 - 64	20.3	20.7	15.6	14.4	15.4
Luar bandar <i>Rural</i>	19.8	12.7	16.1	13.9	13.7
15 - 24	17.5	12.7	13.1	11.5	7.2
25 - 34	15.3	8.9	13.2	12.7	11.9
35 - 44	19.8	12.6	17.2	12.9	12.1
45 - 54	24.5	16.1	19.7	18.7	23.1
55 - 64	32.5	21.8	26.2	19.9	22.9

A

B1

B2

B3

B4

C

D

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
Tiada pendidikan rasmi No formal education	59.7	27.9	61.2	51.0	55.5	4.3	2.0	4.9	4.1	4.1
Rendah Primary	312.9	349.8	212.1	195.0	192.7	22.3	25.2	16.9	15.8	14.4
Menengah Secondary	864.2	836.7	818.0	790.6	851.7	61.6	60.4	65.1	63.9	63.4
Tertiari Tertiary	166.2	171.9	164.9	200.3	242.7	11.8	12.4	13.1	16.2	18.1
Lelaki Male	714.0	850.3	707.2	713.9	720.4	100.0	100.0	100.0	100.0	100.0
Tiada pendidikan rasmi No formal education	32.2	16.6	38.2	35.6	37.0	4.5	2.0	5.4	5.0	5.1
Rendah Primary	158.5	232.6	124.6	131.0	109.8	22.2	27.4	17.6	18.4	15.2
Menengah Secondary	444.7	506.0	471.4	438.6	454.9	62.3	59.5	66.7	61.4	63.1
Tertiari Tertiary	78.6	95.1	73.0	108.7	118.8	11.0	11.2	10.3	15.2	16.5
Perempuan Female	689.1	536.0	548.9	522.9	622.1	100.0	100.0	100.0	100.0	100.0
Tiada pendidikan rasmi No formal education	27.5	11.3	23.0	15.4	18.5	4.0	2.1	4.2	2.9	3.0
Rendah Primary	154.4	117.2	87.5	64.0	82.9	22.4	21.9	15.9	12.2	13.3
Menengah Secondary	419.5	330.7	346.6	351.9	396.8	60.9	61.7	63.1	67.3	63.8
Tertiari Tertiary	87.7	76.8	91.9	91.6	123.9	12.7	14.3	16.7	17.5	19.9

1.11b Guna tenaga dalam sektor bukan pertanian mengikut pencapaian pendidikan dan jantina, 2015, 2017, 2019, 2021^r dan 2023
Employment in non-agriculture sector by educational attainment and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara <i>Item</i>	Bilangan <i>Number ('000)</i>					Peratus Sumbangan <i>Percentage Share (%)</i>				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah <i>Total</i>	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0
Tiada pendidikan rasmi <i>No formal education</i>	248.4	227.1	303.8	276.5	275.1	2.0	1.8	2.2	2.1	1.9
Rendah <i>Primary</i>	1,464.0	1,340.2	1,298.2	700.5	879.0	11.9	10.4	9.6	5.2	6.1
Menengah <i>Secondary</i>	6,821.4	7,288.7	7,580.6	7,396.4	7,774.9	55.4	56.8	56.0	55.1	54.1
Tertiari <i>Tertiary</i>	3,780.2	3,985.7	4,349.7	5,043.0	5,447.0	30.7	31.0	32.1	37.6	37.9
Lelaki <i>Male</i>	7,362.9	7,650.8	7,981.6	8,023.1	8,653.7	100.0	100.0	100.0	100.0	100.0
Tiada pendidikan rasmi <i>No formal education</i>	156.3	133.7	172.9	182.2	172.3	1.3	1.0	1.3	1.4	1.2
Rendah <i>Primary</i>	953.1	886.7	821.2	508.7	587.3	7.7	6.9	6.1	3.8	4.1
Menengah <i>Secondary</i>	4,324.6	4,610.1	4,787.1	4,717.0	5,014.4	35.1	35.9	35.4	35.2	34.9
Tertiari <i>Tertiary</i>	1,928.8	2,020.3	2,200.4	2,615.2	2,879.7	15.7	15.7	16.3	19.5	20.0
Perempuan <i>Female</i>	4,951.0	5,190.9	5,550.7	5,393.4	5,722.3	100.0	100.0	100.0	100.0	100.0
Tiada pendidikan rasmi <i>No formal education</i>	92.0	93.4	130.9	94.3	102.8	0.7	0.7	1.0	0.7	0.7
Rendah <i>Primary</i>	510.8	453.5	477.0	191.8	291.7	4.1	3.5	3.5	1.4	2.0
Menengah <i>Secondary</i>	2,496.7	2,678.7	2,793.6	2,679.4	2,760.5	20.3	20.9	20.6	20.0	19.2
Tertiari <i>Tertiary</i>	1,851.4	1,965.4	2,149.3	2,427.8	2,567.3	15.0	15.3	15.9	18.1	17.9

1.11c

Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut pencapaian pendidikan dan jantina, 2015, 2017, 2019, 2021^r dan 2023
 Share of employment in the informal sector in non-agriculture sector by educational attainment and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Jumlah Total	11.4	10.8	9.3	9.2	9.3
Tiada pendidikan rasmi No formal education	24.0	12.3	20.1	18.4	20.2
Rendah Primary	21.4	26.1	16.3	27.8	21.9
Menengah Secondary	12.7	11.5	10.8	10.7	11.0
Tertiari Tertiary	4.4	4.3	3.8	4.0	4.5
Lelaki Male	9.7	11.1	8.9	8.9	8.3
Tiada pendidikan rasmi No formal education	20.6	12.4	22.1	19.5	21.5
Rendah Primary	16.6	26.2	15.2	25.8	18.7
Menengah Secondary	10.3	11.0	9.8	9.3	9.1
Tertiari Tertiary	4.1	4.7	3.3	4.2	4.1
Perempuan Female	13.9	10.3	9.9	9.7	10.9
Tiada pendidikan rasmi No formal education	29.8	12.1	17.5	16.3	18.0
Rendah Primary	30.2	25.9	18.3	33.4	28.4
Menengah Secondary	16.8	12.3	12.4	13.1	14.4
Tertiari Tertiary	4.7	3.9	4.3	3.8	4.8

1.12a

Guna tenaga dalam sektor informal bukan pertanian mengikut pencapaian pendidikan dan strata, 2015, 2017, 2019, 2021^r dan 2023
 Employment in the informal sector in non-agriculture by educational attainment and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
Tiada pendidikan rasmi No formal education	59.7	27.9	61.2	51.0	55.5	4.3	2.0	4.9	4.1	4.1
Rendah Primary	312.9	349.8	212.1	195.0	192.7	22.3	25.2	16.9	15.8	14.4
Menengah Secondary	864.2	836.7	818.0	790.6	851.7	61.6	60.4	65.1	63.9	63.4
Tertiari Tertiary	166.2	171.9	164.9	200.3	242.7	11.8	12.4	13.1	16.2	18.1
Bandar Urban	1,011.8	1,137.4	944.7	977.8	1,093.2	100.0	100.0	100.0	100.0	100.0
Tiada pendidikan rasmi No formal education	41.2	22.6	48.0	40.8	43.5	4.1	2.0	5.1	4.2	4.0
Rendah Primary	219.4	298.5	158.0	164.7	149.7	21.7	26.2	16.7	16.8	13.7
Menengah Secondary	617.7	665.0	605.6	595.0	688.2	61.0	58.5	64.1	60.8	63.0
Tertiari Tertiary	133.5	151.3	133.1	177.3	211.7	13.2	13.3	14.1	18.1	19.4
Luar bandar Rural	391.2	249.0	311.5	259.0	249.3	100.0	100.0	100.0	100.0	100.0
Tiada pendidikan rasmi No formal education	18.4	5.4	13.2	10.2	12.0	4.7	2.2	4.2	3.9	4.8
Rendah Primary	93.5	51.3	54.1	30.3	42.9	23.9	20.6	17.4	11.7	17.2
Menengah Secondary	246.5	171.7	212.4	195.6	163.5	63.0	69.0	68.2	75.5	65.6
Tertiari Tertiary	32.7	20.6	31.7	23.0	30.9	8.4	8.3	10.2	8.9	12.4

1.12b Guna tenaga dalam sektor bukan pertanian mengikut pencapaian pendidikan dan strata, 2015, 2017, 2019, 2021^r dan 2023

Employment in non-agriculture sector by educational attainment and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0
Tiada pendidikan rasmi No formal education	248.4	227.1	303.8	276.5	275.1	2.0	1.8	2.2	2.1	1.9
Rendah Primary	1,464.0	1,340.2	1,298.2	700.5	879.0	11.9	10.4	9.6	5.2	6.1
Menengah Secondary	6,821.4	7,288.7	7,580.6	7,396.4	7,774.9	55.4	56.8	56.0	55.1	54.1
Tertiari Tertiary	3,780.2	3,985.7	4,349.7	5,043.0	5,447.0	30.7	31.0	32.1	37.6	37.9
Bandar Urban	10,334.5	10,886.2	11,600.3	11,554.3	12,560.0	100.0	100.0	100.0	100.0	100.0
Tiada pendidikan rasmi No formal education	194.3	171.0	252.1	209.4	223.7	1.6	1.3	1.9	1.6	1.6
Rendah Primary	1,153.5	1,071.3	1,067.1	510.9	689.1	9.4	8.3	7.9	3.8	4.8
Menengah Secondary	5,640.3	6,090.7	6,408.2	6,264.5	6,685.3	45.8	47.4	47.4	46.7	46.5
Tertiari Tertiary	3,346.4	3,553.3	3,872.8	4,569.4	4,961.9	27.2	27.7	28.6	34.1	34.5
Luar bandar Rural	1,979.4	1,955.5	1,932.0	1,862.2	1,815.9	100.0	100.0	100.0	100.0	100.0
Tiada pendidikan rasmi No formal education	54.0	56.1	51.7	67.1	51.4	0.4	0.4	0.4	0.5	0.4
Rendah Primary	310.5	268.9	231.1	189.6	189.9	2.5	2.1	1.7	1.4	1.3
Menengah Secondary	1,181.1	1,198.0	1,172.4	1,131.9	1,089.5	9.6	9.3	8.7	8.4	7.6
Tertiari Tertiary	433.8	432.4	476.8	473.6	485.1	3.5	3.4	3.5	3.5	3.4

1.12c

Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut pencapaian pendidikan dan strata, 2015, 2017, 2019, 2021^r dan 2023
 Share of employment in the informal sector in non-agriculture sector by educational attainment and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Jumlah Total	11.4	10.8	9.3	9.2	9.3
Tiada pendidikan rasmi No formal education	24.0	12.3	20.1	18.4	20.2
Rendah Primary	21.4	26.1	16.3	27.8	21.9
Menengah Secondary	12.7	11.5	10.8	10.7	11.0
Tertiari Tertiary	4.4	4.3	3.8	4.0	4.5
Bandar Urban	9.8	10.4	8.1	8.5	8.7
Tiada pendidikan rasmi No formal education	21.2	13.2	19.0	19.5	19.5
Rendah Primary	19.0	27.9	14.8	32.2	21.7
Menengah Secondary	11.0	10.9	9.4	9.5	10.3
Tertiari Tertiary	4.0	4.3	3.4	3.9	4.3
Luar bandar Rural	19.8	12.7	16.1	13.9	13.7
Tiada pendidikan rasmi No formal education	34.1	9.6	25.5	15.1	23.3
Rendah Primary	30.1	19.1	23.4	16.0	22.6
Menengah Secondary	20.9	14.3	18.1	17.3	15.0
Tertiari Tertiary	7.5	4.8	6.7	4.9	6.4

1.13a

Guna tenaga dalam sektor informal bukan pertanian mengikut sijil tertinggi diperoleh dan jantina, 2015, 2017, 2019, 2021^r dan 2023Employment in the informal sector in non-agriculture by highest certificate obtained and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
SPM dan ke bawah SPM and below	1,059.0	1,051.6	958.0	937.3	999.3	75.5	75.9	76.3	75.8	74.4
STPM / Sijil STPM / Certificate	60.4	59.2	55.9	69.1	62.4	4.3	4.3	4.4	5.6	4.6
Diploma	62.5	61.9	59.8	58.3	94.2	4.5	4.5	4.8	4.7	7.0
Ijazah Degree	39.7	50.2	41.8	66.8	76.7	2.8	3.6	3.3	5.4	5.7
Tiada sijil / Tidak berkenaan No certificate / Not applicable	181.5	163.5	140.7	105.3	110.0	12.9	11.8	11.2	8.5	8.2
Lelaki Male	714.0	850.3	707.2	713.9	720.4	100.0	100.0	100.0	100.0	100.0
SPM dan ke bawah SPM and below	547.0	660.6	553.6	543.1	542.3	76.6	77.7	78.3	76.1	75.3
STPM / Sijil STPM / Certificate	28.9	30.6	26.5	51.4	36.5	2.1	2.2	2.1	4.2	2.7
Diploma	28.3	36.6	29.3	33.3	45.0	4.0	4.3	4.1	4.7	6.3
Ijazah Degree	19.6	27.3	15.1	18.1	30.1	2.8	3.2	2.1	2.5	4.2
Tiada sijil / Tidak berkenaan No certificate / Not applicable	90.2	95.2	82.7	68.0	66.6	12.6	11.2	11.7	9.5	9.2
Perempuan Female	689.1	536.0	548.9	522.9	622.1	100.0	100.0	100.0	100.0	100.0
SPM dan ke bawah SPM and below	512.0	391.0	404.4	394.2	457.1	74.3	72.9	73.7	75.4	73.5
STPM / Sijil STPM / Certificate	31.5	28.5	29.4	17.7	25.9	4.6	5.3	5.4	3.4	4.2
Diploma	34.2	25.3	30.5	25.1	49.1	5.0	4.7	5.6	4.8	7.9
Ijazah Degree	20.0	22.9	26.7	48.7	46.6	2.9	4.3	4.9	9.3	7.5
Tiada sijil / Tidak berkenaan No certificate / Not applicable	91.3	68.3	57.9	37.3	43.4	13.3	12.7	10.5	7.1	7.0

1.13b Guna tenaga dalam sektor bukan pertanian mengikut sijil tertinggi diperoleh dan jantina, 2015, 2017, 2019, 2021^r dan 2023 Employment in non-agriculture sector by highest certificate obtained and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0
SPM dan ke bawah SPM and below	7,781.0	8,191.1	8,525.0	7,973.0	8,452.8	63.2	63.8	63.0	59.4	58.8
STPM / Sijil STPM / Certificate	728.7	736.9	789.3	692.2	818.2	5.9	5.7	5.8	5.2	5.7
Diploma	1,356.9	1,374.9	1,492.6	1,737.9	1,722.4	11.0	10.7	11.0	13.0	12.0
Ijazah Degree	1,662.9	1,854.7	2,014.3	2,467.4	2,795.5	13.5	14.4	14.9	18.4	19.4
Tiada sijil / Tidak berkenaan No certificate / Not applicable	784.3	684.2	711.0	546.0	587.1	6.4	5.3	5.3	4.1	4.1
Lelaki Male	7,362.9	7,650.8	7,981.6	8,023.1	8,653.7	100.0	100.0	100.0	100.0	100.0
SPM dan ke bawah SPM and below	4,966.2	5,221.2	5,388.8	5,105.4	5,454.4	40.3	40.7	39.8	38.1	37.9
STPM / Sijil STPM / Certificate	420.1	435.5	456.4	486.5	494.7	3.4	3.4	3.4	3.6	3.4
Diploma	691.6	687.8	759.4	750.3	892.9	5.6	5.4	5.6	5.6	6.2
Ijazah Degree	799.4	889.1	949.6	1,308.1	1,444.0	6.5	6.9	7.0	9.7	10.0
Tiada sijil / Tidak berkenaan No certificate / Not applicable	485.6	417.2	427.3	372.8	367.6	3.9	3.2	3.2	2.8	2.6
Perempuan Female	4,951.0	5,190.9	5,550.7	5,393.4	5,722.3	100.0	100.0	100.0	100.0	100.0
SPM dan ke bawah SPM and below	2,814.8	2,969.9	3,136.2	2,867.6	2,998.4	22.9	23.1	23.2	21.4	20.9
STPM / Sijil STPM / Certificate	308.6	301.3	332.8	205.7	323.5	2.5	2.3	2.5	1.5	2.3
Diploma	665.3	687.1	733.2	987.6	829.5	5.4	5.4	5.4	7.4	5.8
Ijazah Degree	863.5	965.7	1,064.7	1,159.3	1,351.4	7.0	7.5	7.9	8.6	9.4
Tiada sijil / Tidak berkenaan No certificate / Not applicable	298.7	267.0	283.7	173.1	219.5	2.4	2.1	2.1	1.3	1.5

1.13c

Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut sijil tertinggi diperoleh dan jantina, 2015, 2017, 2019, 2021^r dan 2023
 Share of employment in the informal sector in non-agriculture sector by highest certificate obtained and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Jumlah Total	11.4	10.8	9.3	9.2	9.3
SPM dan ke bawah SPM and below	13.6	12.8	11.2	11.8	11.8
STPM / Sijil STPM / Certificate	8.3	8.0	7.1	10.0	7.6
Diploma	4.6	4.5	4.0	3.4	5.5
Ijazah Degree	2.4	2.7	2.1	2.7	2.7
Tiada sijil / Tidak berkenaan No certificate / Not applicable	23.1	23.9	19.8	19.3	18.7
Lelaki Male	9.7	11.1	8.9	8.9	8.3
SPM dan ke bawah SPM and below	11.0	12.7	10.3	10.6	9.9
STPM / Sijil STPM / Certificate	6.9	7.0	5.8	10.6	7.4
Diploma	4.1	5.3	3.9	4.4	5.0
Ijazah Degree	2.5	3.1	1.6	1.4	2.1
Tiada sijil / Tidak berkenaan No certificate / Not applicable	18.6	22.8	19.4	18.2	18.1
Perempuan Female	13.9	10.3	9.9	9.7	10.9
SPM dan ke bawah SPM and below	18.2	13.2	12.9	13.7	15.2
STPM / Sijil STPM / Certificate	10.2	9.5	8.8	8.6	8.0
Diploma	5.1	3.7	4.2	2.5	5.9
Ijazah Degree	2.3	2.4	2.5	4.2	3.4
Tiada sijil / Tidak berkenaan No certificate / Not applicable	30.6	25.6	20.4	21.6	19.8

1.14a

Guna tenaga dalam sektor informal bukan pertanian mengikut sijil tertinggi diperoleh dan strata, 2015, 2017, 2019, 2021^r dan 2023
 Employment in the informal sector in non-agriculture by highest certificate obtained and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
SPM dan ke bawah SPM and below	1,059.0	1,051.6	958.0	937.3	999.3	75.5	75.9	76.3	75.8	74.4
STPM / Sijil STPM / Certificate	60.4	59.2	55.9	69.1	62.4	4.3	4.3	4.4	5.6	4.6
Diploma	62.5	61.9	59.8	58.3	94.2	4.5	4.5	4.8	4.7	7.0
Ijazah Degree	39.7	50.2	41.8	66.8	76.7	2.8	3.6	3.3	5.4	5.7
Tiada sijil / Tidak berkenaan No certificate / Not applicable	181.5	163.5	140.7	105.3	110.0	12.9	11.8	11.2	8.5	8.2
Bandar Urban	1,011.8	1,137.4	944.7	977.8	1,093.2	100.0	100.0	100.0	100.0	100.0
SPM dan ke bawah SPM and below	755.5	840.2	708.1	719.3	806.5	74.7	73.9	75.0	73.6	73.8
STPM / Sijil STPM / Certificate	41.9	52.7	40.4	64.1	49.8	4.1	4.6	4.3	6.6	4.6
Diploma	54.2	55.7	49.7	49.0	85.7	5.4	4.9	5.3	5.0	7.8
Ijazah Degree	35.1	42.3	36.3	58.4	67.6	3.5	3.7	3.8	6.0	6.2
Tiada sijil / Tidak berkenaan No certificate / Not applicable	125.1	146.5	110.2	87.0	83.6	12.4	12.9	11.7	8.9	7.6
Luar bandar Rural	391.2	249.0	311.5	259.0	249.3	100.0	100.0	100.0	100.0	100.0
SPM dan ke bawah SPM and below	303.4	211.4	249.9	218.0	192.8	77.6	84.9	80.2	84.2	77.3
STPM / Sijil STPM / Certificate	18.5	6.4	15.5	5.0	12.5	4.7	2.6	5.0	1.9	5.0
Diploma	8.3	6.2	10.1	9.3	8.5	2.1	2.5	3.2	3.6	3.4
Ijazah Degree	4.6	7.9	5.5	8.4	9.1	1.2	3.2	1.8	3.3	3.6
Tiada sijil / Tidak berkenaan No certificate / Not applicable	56.4	17.0	30.4	18.2	26.4	14.4	6.8	9.8	7.0	10.6

1.14b Guna tenaga dalam sektor bukan pertanian mengikut sijil tertinggi diperoleh dan strata, 2015, 2017, 2019, 2021^r dan 2023 Employment in non-agriculture sector by highest certificate obtained and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0
SPM dan ke bawah SPM and below	7,781.0	8,191.1	8,525.0	7,973.0	8,452.8	63.2	63.8	63.0	59.4	58.8
STPM / Sijil STPM / Certificate	728.7	736.9	789.3	692.2	818.2	5.9	5.7	5.8	5.2	5.7
Diploma	1,356.9	1,374.9	1,492.6	1,737.9	1,722.4	11.0	10.7	11.0	13.0	12.0
Ijazah Degree	1,662.9	1,854.7	2,014.3	2,467.4	2,795.5	13.5	14.4	14.9	18.4	19.4
Tiada sijil / Tidak berkenaan No certificate / Not applicable	784.3	684.2	711.0	546.0	587.1	6.4	5.3	5.3	4.1	4.1
Bandar Urban	10,334.5	10,886.2	11,600.3	11,554.3	12,560.0	100.0	100.0	100.0	100.0	100.0
SPM dan ke bawah SPM and below	6,400.0	6,822.3	7,189.4	6,714.6	7,232.9	52.0	53.1	53.1	50.0	50.3
STPM / Sijil STPM / Certificate	591.9	604.9	656.3	588.6	695.1	4.8	4.7	4.9	4.4	4.8
Diploma	1,212.1	1,229.9	1,334.7	1,576.5	1,564.3	9.8	9.6	9.9	11.8	10.9
Ijazah Degree	1,516.6	1,702.1	1,830.8	2,261.3	2,604.0	12.3	13.3	13.5	16.9	18.1
Tiada sijil / Tidak berkenaan No certificate / Not applicable	613.9	527.0	589.0	413.3	463.7	5.0	4.1	4.4	3.1	3.2
Luar bandar Rural	1,979.4	1,955.5	1,932.0	1,862.2	1,815.9	100.0	100.0	100.0	100.0	100.0
SPM dan ke bawah SPM and below	1,381.0	1,368.8	1,335.6	1,258.4	1,219.9	11.2	10.7	9.9	9.4	8.5
STPM / Sijil STPM / Certificate	136.8	132.0	132.9	103.6	123.1	1.1	1.0	1.0	0.8	0.9
Diploma	144.7	145.0	157.9	161.4	158.0	1.2	1.1	1.2	1.2	1.1
Ijazah Degree	146.3	152.6	183.5	206.1	191.4	1.2	1.2	1.4	1.5	1.3
Tiada sijil / Tidak berkenaan No certificate / Not applicable	170.4	157.1	122.0	132.7	123.5	1.4	1.2	0.9	1.0	0.9

1.14c

Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut sijil tertinggi diperoleh dan strata, 2015, 2017, 2019, 2021^r dan 2023
 Share of employment in informal sector in non-agriculture sector by highest certificate obtained and strata, 2015, 2017, 2019, 2021^r and 2023

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Jumlah Total	11.4	10.8	9.3	9.2	9.3
SPM dan ke bawah SPM and below	13.6	12.8	11.2	11.8	11.8
STPM / Sijil STPM / Certificate	8.3	8.0	7.1	10.0	7.6
Diploma	4.6	4.5	4.0	3.4	5.5
Ijazah Degree	2.4	2.7	2.1	2.7	2.7
Tiada sijil / Tidak berkenaan No certificate / Not applicable	23.1	23.9	19.8	19.3	18.7
Bandar Urban	9.8	10.4	8.1	8.5	8.7
SPM dan ke bawah SPM and below	11.8	12.3	9.8	10.7	11.2
STPM / Sijil STPM / Certificate	7.1	8.7	6.1	10.9	7.2
Diploma	4.5	4.5	3.7	3.1	5.5
Ijazah Degree	2.3	2.5	2.0	2.6	2.6
Tiada sijil / Tidak berkenaan No certificate / Not applicable	20.4	27.8	18.7	21.1	18.0
Luar bandar Rural	19.8	12.7	16.1	13.9	13.7
SPM dan ke bawah SPM and below	22.0	15.4	18.7	17.3	15.8
STPM / Sijil STPM / Certificate	13.5	4.9	11.7	4.9	10.2
Diploma	5.7	4.3	6.4	5.8	5.4
Ijazah Degree	3.2	5.2	3.0	4.1	4.8
Tiada sijil / Tidak berkenaan No certificate / Not applicable	33.1	10.8	24.9	13.7	21.4

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1.15a Guna tenaga dalam sektor informal bukan pertanian mengikut negeri dan jantina, 2015, 2017, 2019, 2021^r dan 2023

Employment in the informal sector in non-agriculture by state and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
Johor	142.0	123.5	132.5	141.8	144.5	10.1	8.9	10.5	11.5	10.8
Kedah	125.1	143.2	106.9	90.7	119.2	8.9	10.3	8.5	7.3	8.9
Kelantan	170.9	131.6	131.2	94.7	109.3	12.2	9.5	10.4	7.7	8.1
Melaka	42.1	38.3	34.9	26.7	26.8	3.0	2.8	2.8	2.2	2.0
Negeri Sembilan	35.9	48.3	34.3	29.0	39.8	2.6	3.5	2.7	2.3	3.0
Pahang	67.0	63.6	57.5	44.1	55.5	4.8	4.6	4.6	3.6	4.1
Pulau Pinang	59.8	69.8	47.9	63.8	61.4	4.3	5.0	3.8	5.2	4.6
Perak	108.5	103.8	96.0	97.6	86.0	7.7	7.5	7.6	7.9	6.4
Perlis	13.2	8.1	11.9	10.4	12.8	0.9	0.6	1.0	0.8	1.0
Selangor	247.1	323.5	208.9	306.7	293.1	17.6	23.3	16.6	24.8	21.8
Terengganu	70.1	60.6	89.3	69.2	64.1	5.0	4.4	7.1	5.6	4.8
Sabah	160.5	132.6	155.1	123.8	157.8	11.4	9.6	12.3	10.0	11.8
Sarawak	106.8	97.3	92.0	76.0	98.5	7.6	7.0	7.3	6.1	7.3
Wilayah Persekutuan ¹	54.1	42.2	57.7	62.3	73.7	3.9	3.0	4.6	5.0	5.5

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.15a Guna tenaga dalam sektor informal bukan pertanian mengikut negeri dan jantina, 2015, 2017, 2019, 2021^r dan 2023 (samb.) Employment in the informal sector in non-agriculture by state and sex, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Lelaki Male	714.0	850.3	707.2	713.9	720.4	100.0	100.0	100.0	100.0	100.0
Johor	69.2	80.7	58.8	77.7	80.5	9.7	9.5	8.3	10.9	11.2
Kedah	54.4	90.0	61.6	57.6	67.6	7.6	10.6	8.7	8.1	9.4
Kelantan	100.9	83.1	86.5	58.6	69.7	14.1	9.8	12.2	8.2	9.7
Melaka	18.1	26.1	15.2	15.1	13.1	2.5	3.1	2.1	2.1	1.8
Negeri Sembilan	15.8	32.1	15.9	15.4	20.2	2.2	3.8	2.3	2.2	2.8
Pahang	32.1	41.8	26.8	25.3	23.8	4.5	4.9	3.8	3.5	3.3
Pulau Pinang	30.5	42.9	29.0	38.6	30.2	4.3	5.0	4.1	5.4	4.2
Perak	63.4	58.3	53.0	68.8	48.8	8.9	6.9	7.5	9.6	6.8
Perlis	7.2	4.5	6.3	5.4	6.7	1.0	0.5	0.9	0.8	0.9
Selangor	95.5	179.4	113.2	149.2	140.3	13.4	21.1	16.0	20.9	19.5
Terengganu	43.7	38.9	56.4	46.6	40.3	6.1	4.6	8.0	6.5	5.6
Sabah	95.5	83.1	100.5	87.8	85.6	13.4	9.8	14.2	12.3	11.9
Sarawak	61.8	63.3	52.6	33.6	53.8	8.7	7.4	7.4	4.7	7.5
Wilayah Persekutuan ¹	25.7	26.1	31.3	34.2	39.7	3.6	3.1	4.4	4.8	5.5

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.15a Guna tenaga dalam sektor informal bukan pertanian mengikut negeri dan jantina, 2015, 2017, 2019, 2021^r dan 2023 (samb.) Employment in the informal sector in non-agriculture by state and sex, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Perempuan Female	689.1	536.0	548.9	522.9	622.1	100.0	100.0	100.0	100.0	100.0
Johor	72.8	42.8	73.6	64.0	64.0	10.6	8.0	13.4	12.2	10.3
Kedah	70.6	53.1	45.3	33.2	51.6	10.2	9.9	8.3	6.3	8.3
Kelantan	70.0	48.5	44.7	36.1	39.6	10.2	9.0	8.1	6.9	6.4
Melaka	24.0	12.2	19.7	11.6	13.7	3.5	2.3	3.6	2.2	2.2
Negeri Sembilan	20.1	16.2	18.3	13.5	19.6	2.9	3.0	3.3	2.6	3.1
Pahang	35.0	21.8	30.6	18.8	31.7	5.1	4.1	5.6	3.6	5.1
Pulau Pinang	29.3	26.9	18.9	25.2	31.2	4.2	5.0	3.5	4.8	5.0
Perak	45.1	45.5	43.1	28.8	37.1	6.5	8.5	7.8	5.5	6.0
Perlis	6.0	3.6	5.6	5.0	6.1	0.9	0.7	1.0	1.0	1.0
Selangor	151.5	144.1	95.7	157.5	152.9	22.0	26.9	17.4	30.1	24.6
Terengganu	26.4	21.7	32.9	22.7	23.7	3.8	4.0	6.0	4.3	3.8
Sabah	65.0	49.4	54.6	35.9	72.2	9.4	9.2	9.9	6.9	11.6
Sarawak	45.0	34.1	39.4	42.4	44.7	6.5	6.4	7.2	8.1	7.2
Wilayah Persekutuan ¹	28.4	16.1	26.4	28.1	34.1	4.1	3.0	4.8	5.4	5.5

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.15b Guna tenaga dalam sektor bukan pertanian mengikut negeri dan jantina, 2015, 2017, 2019, 2021^r dan 2023

Employment in non-agriculture sector by state and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0
Johor	1,441.1	1,495.4	1,623.7	1,760.3	1,892.5	11.7	11.6	12.0	13.1	13.2
Kedah	762.6	785.1	795.9	785.6	835.2	6.2	6.1	5.9	5.9	5.8
Kelantan	556.2	575.9	594.0	548.1	595.6	4.5	4.5	4.4	4.1	4.1
Melaka	382.4	391.0	412.6	449.5	479.5	3.1	3.0	3.0	3.4	3.3
Negeri Sembilan	419.2	439.6	445.4	477.6	505.1	3.4	3.4	3.3	3.6	3.5
Pahang	534.7	543.9	570.2	521.3	564.8	4.3	4.2	4.2	3.9	3.9
Pulau Pinang	822.0	813.5	824.0	838.0	889.6	6.7	6.3	6.1	6.2	6.2
Perak	860.3	906.5	943.9	921.8	987.6	7.0	7.1	7.0	6.9	6.9
Perlis	85.6	88.4	99.5	103.4	115.9	0.7	0.7	0.7	0.8	0.8
Selangor	3,086.5	3,304.4	3,431.8	3,557.4	3,778.5	25.1	25.7	25.4	26.5	26.3
Terengganu	378.3	397.9	428.1	397.5	421.0	3.1	3.1	3.2	3.0	2.9
Sabah	1,145.5	1,225.9	1,412.8	1,121.3	1,212.1	9.3	9.5	10.4	8.4	8.4
Sarawak	910.3	954.4	1,033.2	852.6	924.1	7.4	7.4	7.6	6.4	6.4
Wilayah Persekutuan ¹	929.2	919.7	917.2	1,082.1	1,174.4	7.5	7.2	6.8	8.1	8.2

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.15b Guna tenaga dalam sektor bukan pertanian mengikut negeri dan jantina, 2015, 2017, 2019, 2021^r dan 2023 (samb.)
Employment in non-agriculture sector by state and sex, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Lelaki Male	7,362.9	7,650.8	7,981.6	8,023.1	8,653.7	100.0	100.0	100.0	100.0	100.0
Johor	900.8	944.4	975.6	1,158.5	1,257.4	7.3	7.4	7.2	8.6	8.7
Kedah	439.5	451.5	473.1	477.9	505.4	3.6	3.5	3.5	3.6	3.5
Kelantan	327.4	341.5	365.2	331.2	359.3	2.7	2.7	2.7	2.5	2.5
Melaka	221.2	229.9	238.6	269.3	289.0	1.8	1.8	1.8	2.0	2.0
Negeri Sembilan	255.1	268.5	269.8	289.9	309.4	2.1	2.1	2.0	2.2	2.2
Pahang	318.0	332.7	348.5	311.1	340.0	2.6	2.6	2.6	2.3	2.4
Pulau Pinang	472.1	478.0	488.6	499.0	538.4	3.8	3.7	3.6	3.7	3.7
Perak	518.0	534.0	567.2	555.5	603.6	4.2	4.2	4.2	4.1	4.2
Perlis	51.1	52.7	57.6	59.0	69.3	0.4	0.4	0.4	0.4	0.5
Selangor	1,801.4	1,868.1	1,906.6	2,022.9	2,195.3	14.6	14.5	14.1	15.1	15.3
Terengganu	232.4	244.6	261.9	256.4	269.3	1.9	1.9	1.9	1.9	1.9
Sabah	704.8	756.0	840.4	651.9	664.5	5.7	5.9	6.2	4.9	4.6
Sarawak	577.8	601.1	658.3	509.8	572.0	4.7	4.7	4.9	3.8	4.0
Wilayah Persekutuan ¹	543.4	547.8	530.1	630.7	680.7	4.4	4.3	3.9	4.7	4.7

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.15b Guna tenaga dalam sektor bukan pertanian mengikut negeri dan jantina, 2015, 2017, 2019, 2021^r dan 2023 (samb.) Employment in non-agriculture sector by state and sex, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Perempuan Female	4,951.0	5,190.9	5,550.7	5,393.4	5,722.3	100.0	100.0	100.0	100.0	100.0
Johor	540.2	551.0	648.1	601.8	635.1	4.4	4.3	4.8	4.5	4.4
Kedah	323.1	333.6	322.7	307.7	329.7	2.6	2.6	2.4	2.3	2.3
Kelantan	228.8	234.4	228.8	216.8	236.3	1.9	1.8	1.7	1.6	1.6
Melaka	161.2	161.1	174.0	180.2	190.5	1.3	1.3	1.3	1.3	1.3
Negeri Sembilan	164.2	171.1	175.6	187.6	195.7	1.3	1.3	1.3	1.4	1.4
Pahang	216.8	211.2	221.7	210.1	224.8	1.8	1.6	1.6	1.6	1.6
Pulau Pinang	350.0	335.6	335.4	339.0	351.2	2.8	2.6	2.5	2.5	2.4
Perak	342.3	372.5	376.6	366.4	384.1	2.8	2.9	2.8	2.7	2.7
Perlis	34.4	35.7	42.0	44.5	46.6	0.3	0.3	0.3	0.3	0.3
Selangor	1,285.1	1,436.3	1,525.2	1,534.6	1,583.3	10.4	11.2	11.3	11.4	11.0
Terengganu	145.9	153.2	166.2	141.1	151.7	1.2	1.2	1.2	1.1	1.1
Sabah	440.7	469.9	572.3	469.4	547.6	3.6	3.7	4.2	3.5	3.8
Sarawak	332.5	353.3	374.9	342.8	352.1	2.7	2.8	2.8	2.6	2.4
Wilayah Persekutuan ¹	385.7	371.9	387.1	451.3	493.8	3.1	2.9	2.9	3.4	3.4

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.15c

Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut negeri dan jantina, 2015, 2017, 2019, 2021^r dan 2023
Share of employment in informal sector in non-agriculture sector by state and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara <i>Item</i>	Kadar terhadap guna tenaga <i>Rate to employment (%)</i>				
	2015	2017	2019	2021 ^r	2023
Jumlah <i>Total</i>	11.4	10.8	9.3	9.2	9.3
Johor	9.9	8.3	8.2	8.1	7.6
Kedah	16.4	18.2	13.4	11.5	14.3
Kelantan	30.7	22.8	22.1	17.3	18.3
Melaka	11.0	9.8	8.5	5.9	5.6
Negeri Sembilan	8.6	11.0	7.7	6.1	7.9
Pahang	12.5	11.7	10.1	8.5	9.8
Pulau Pinang	7.3	8.6	5.8	7.6	6.9
Perak	12.6	11.4	10.2	10.6	8.7
Perlis	15.4	9.2	12.0	10.1	11.0
Selangor	8.0	9.8	6.1	8.6	7.8
Terengganu	18.5	15.2	20.9	17.4	15.2
Sabah	14.0	10.8	11.0	11.0	13.0
Sarawak	11.7	10.2	8.9	8.9	10.7
Wilayah Persekutuan ¹	5.8	4.6	6.3	5.8	6.3

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.15c

Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut negeri dan jantina, 2015, 2017, 2019, 2021^r dan 2023 (samb.)
Share of employment in informal sector in non-agriculture by state and sex, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Lelaki Male	9.7	11.1	8.9	8.9	8.3
Johor	7.7	8.5	6.0	6.7	6.4
Kedah	12.4	19.9	13.0	12.0	13.4
Kelantan	30.8	24.3	23.7	17.7	19.4
Melaka	8.2	11.3	6.4	5.6	4.5
Negeri Sembilan	6.2	12.0	5.9	5.3	6.5
Pahang	10.1	12.6	7.7	8.1	7.0
Pulau Pinang	6.5	9.0	5.9	7.7	5.6
Perak	12.2	10.9	9.3	12.4	8.1
Perlis	14.1	8.6	11.0	9.1	9.7
Selangor	5.3	9.6	5.9	7.4	6.4
Terengganu	18.8	15.9	21.5	18.2	15.0
Sabah	13.6	11.0	12.0	13.5	12.9
Sarawak	10.7	10.5	8.0	6.6	9.4
Wilayah Persekutuan ¹	4.7	4.8	5.9	5.4	5.8

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Perempuan Female	13.9	10.3	9.9	9.7	10.9
Johor	13.5	7.8	11.4	10.6	10.1
Kedah	21.9	15.9	14.0	10.8	15.6
Kelantan	30.6	20.7	19.5	16.7	16.7
Melaka	14.9	7.6	11.3	6.4	7.2
Negeri Sembilan	12.3	9.4	10.4	7.2	10.0
Pahang	16.1	10.3	13.8	8.9	14.1
Pulau Pinang	8.4	8.0	5.6	7.4	8.9
Perak	13.2	12.2	11.4	7.9	9.7
Perlis	17.3	10.0	13.3	11.3	13.1
Selangor	11.8	10.0	6.3	10.3	9.7
Terengganu	18.1	14.1	19.8	16.1	15.6
Sabah	14.7	10.5	9.5	7.7	13.2
Sarawak	13.5	9.6	10.5	12.4	12.7
Wilayah Persekutuan ¹	7.4	4.3	6.8	6.2	6.9

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
 Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.16a Guna tenaga dalam sektor informal bukan pertanian mengikut negeri dan strata, 2015, 2017, 2019, 2021^r dan 2023 Employment in the informal sector in non-agriculture by state and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
Johor	142.0	123.5	132.5	141.8	144.5	10.1	8.9	10.5	11.5	10.8
Kedah	125.1	143.2	106.9	90.7	119.2	8.9	10.3	8.5	7.3	8.9
Kelantan	170.9	131.6	131.2	94.7	109.3	12.2	9.5	10.4	7.7	8.1
Melaka	42.1	38.3	34.9	26.7	26.8	3.0	2.8	2.8	2.2	2.0
Negeri Sembilan	35.9	48.3	34.3	29.0	39.8	2.6	3.5	2.7	2.3	3.0
Pahang	67.0	63.6	57.5	44.1	55.5	4.8	4.6	4.6	3.6	4.1
Pulau Pinang	59.8	69.8	47.9	63.8	61.4	4.3	5.0	3.8	5.2	4.6
Perak	108.5	103.8	96.0	97.6	86.0	7.7	7.5	7.6	7.9	6.4
Perlis	13.2	8.1	11.9	10.4	12.8	0.9	0.6	1.0	0.8	1.0
Selangor	247.1	323.5	208.9	306.7	293.1	17.6	23.3	16.6	24.8	21.8
Terengganu	70.1	60.6	89.3	69.2	64.1	5.0	4.4	7.1	5.6	4.8
Sabah	160.5	132.6	155.1	123.8	157.8	11.4	9.6	12.3	10.0	11.8
Sarawak	106.8	97.3	92.0	76.0	98.5	7.6	7.0	7.3	6.1	7.3
Wilayah Persekutuan ¹	54.1	42.2	57.7	62.3	73.7	3.9	3.0	4.6	5.0	5.5

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.16a Guna tenaga dalam sektor informal bukan pertanian mengikut negeri dan strata, 2015, 2017, 2019, 2021^r dan 2023 (samb.) Employment in the informal sector in non-agriculture by state and strata, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Bandar Urban	1,011.8	1,137.4	944.7	977.8	1,093.2	100.0	100.0	100.0	100.0	100.0
Johor	102.1	98.2	100.7	104.5	120.3	10.1	8.6	10.7	10.7	11.0
Kedah	85.3	109.2	73.4	61.9	89.4	8.4	9.6	7.8	6.3	8.2
Kelantan	78.1	78.4	63.3	48.4	65.3	7.7	6.9	6.7	4.9	6.0
Melaka	38.6	36.0	33.4	24.7	25.4	3.8	3.2	3.5	2.5	2.3
Negeri Sembilan	23.3	39.4	25.6	22.4	31.7	2.3	3.5	2.7	2.3	2.9
Pahang	37.8	44.3	33.7	26.2	37.6	3.7	3.9	3.6	2.7	3.4
Pulau Pinang	52.8	67.8	45.7	61.7	59.7	5.2	6.0	4.8	6.3	5.5
Perak	82.5	85.2	72.6	70.9	71.5	8.2	7.5	7.7	7.2	6.5
Perlis	8.6	5.2	7.9	6.6	9.5	0.9	0.5	0.8	0.7	0.9
Selangor	222.8	311.6	195.9	288.1	275.4	22.0	27.4	20.7	29.5	25.2
Terengganu	44.9	43.7	61.4	45.4	46.6	4.4	3.8	6.5	4.6	4.3
Sabah	117.7	103.1	117.4	99.8	119.1	11.6	9.1	12.4	10.2	10.9
Sarawak	63.5	73.0	56.5	55.2	68.2	6.3	6.4	6.0	5.6	6.2
Wilayah Persekutuan ¹	54.0	42.2	57.3	62.0	73.5	5.3	3.7	6.1	6.3	6.7

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.16a Guna tenaga dalam sektor informal bukan pertanian mengikut negeri dan jantina, 2015, 2017, 2019, 2021^r dan 2023 (samb.)
Employment in the informal sector in non-agriculture by state and sex, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Luar bandar Rural	391.2	249.0	311.5	259.0	249.3	100.0	100.0	100.0	100.0	100.0
Johor	39.9	25.3	31.7	37.2	24.2	10.2	10.2	10.2	14.4	9.7
Kedah	39.8	34.0	33.5	28.8	29.8	10.2	13.6	10.8	11.1	11.9
Kelantan	92.8	53.2	67.9	46.3	44.0	23.7	21.4	21.8	17.9	17.7
Melaka	3.6	2.3	1.5	2.0	1.4	0.9	0.9	0.5	0.8	0.5
Negeri Sembilan	12.6	8.8	8.7	6.6	8.2	3.2	3.5	2.8	2.5	3.3
Pahang	29.2	19.2	23.7	18.0	17.9	7.5	7.7	7.6	6.9	7.2
Pulau Pinang	7.0	2.1	2.3	2.1	1.7	1.8	0.8	0.7	0.8	0.7
Perak	26.0	18.6	23.5	26.8	14.5	6.6	7.5	7.5	10.3	5.8
Perlis	4.5	2.9	4.0	3.8	3.2	1.2	1.2	1.3	1.5	1.3
Selangor	24.3	11.9	13.0	18.6	17.7	6.2	4.8	4.2	7.2	7.1
Terengganu	25.2	16.9	27.9	23.8	17.5	6.4	6.8	9.0	9.2	7.0
Sabah	42.8	29.5	37.8	23.9	38.7	10.9	11.8	12.1	9.2	15.5
Sarawak	43.3	24.3	35.5	20.7	30.3	11.1	9.8	11.4	8.0	12.2
Wilayah Persekutuan ¹	0.1	0.0	0.5	0.3	0.2	0.0	0.0	0.1	0.1	0.1

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.16b Guna tenaga dalam sektor bukan pertanian mengikut negeri dan strata, 2015, 2017, 2019, 2021^r dan 2023

Employment in non-agriculture sector by state and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	12,313.8	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0
Johor	1,441.1	1,495.4	1,623.7	1,760.3	1,892.5	11.7	11.6	12.0	13.1	13.2
Kedah	762.6	785.1	795.9	785.6	835.2	6.2	6.1	5.9	5.9	5.8
Kelantan	556.2	575.9	594.0	548.1	595.6	4.5	4.5	4.4	4.1	4.1
Melaka	382.4	391.0	412.6	449.5	479.5	3.1	3.0	3.0	3.4	3.3
Negeri Sembilan	419.2	439.6	445.4	477.6	505.1	3.4	3.4	3.3	3.6	3.5
Pahang	534.7	543.9	570.2	521.3	564.8	4.3	4.2	4.2	3.9	3.9
Pulau Pinang	822.0	813.5	824.0	838.0	889.6	6.7	6.3	6.1	6.2	6.2
Perak	860.3	906.5	943.9	921.8	987.6	7.0	7.1	7.0	6.9	6.9
Perlis	85.6	88.4	99.5	103.4	115.9	0.7	0.7	0.7	0.8	0.8
Selangor	3,086.5	3,304.4	3,431.8	3,557.4	3,778.5	25.1	25.7	25.4	26.5	26.3
Terengganu	378.3	397.9	428.1	397.5	421.0	3.1	3.1	3.2	3.0	2.9
Sabah	1,145.5	1,225.9	1,412.8	1,121.3	1,212.1	9.3	9.5	10.4	8.4	8.4
Sarawak	910.3	954.4	1,033.2	852.6	924.1	7.4	7.4	7.6	6.4	6.4
Wilayah Persekutuan¹	929.2	919.7	917.2	1,082.1	1,174.4	7.5	7.2	6.8	8.1	8.2

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.16b Guna tenaga dalam sektor bukan pertanian mengikut negeri dan strata, 2015, 2017, 2019, 2021^r dan 2023 (samb.)
Employment in non-agriculture sector by state and strata, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Bandar Urban	10,334.5	10,886.2	11,600.3	11,554.3	12,560.0	100.0	100.0	100.0	100.0	100.0
Johor	1,186.1	1,245.3	1,369.9	1,442.3	1,602.4	9.6	9.7	10.1	10.8	11.1
Kedah	577.5	619.5	638.6	640.4	689.4	4.7	4.8	4.7	4.8	4.8
Kelantan	300.3	332.9	351.5	349.4	378.0	2.4	2.6	2.6	2.6	2.6
Melaka	359.6	373.3	397.9	434.6	468.0	2.9	2.9	2.9	3.2	3.3
Negeri Sembilan	329.4	347.7	363.3	396.9	423.2	2.7	2.7	2.7	3.0	2.9
Pahang	381.5	393.1	415.8	386.8	416.6	3.1	3.1	3.1	2.9	2.9
Pulau Pinang	781.6	779.5	796.7	815.0	867.6	6.3	6.1	5.9	6.1	6.0
Perak	713.6	748.3	794.5	768.8	865.4	5.8	5.8	5.9	5.7	6.0
Perlis	54.6	58.3	67.8	77.1	87.2	0.4	0.5	0.5	0.6	0.6
Selangor	2,928.8	3,163.2	3,289.6	3,394.9	3,636.9	23.8	24.6	24.3	25.3	25.3
Terengganu	263.9	283.5	309.7	293.0	321.3	2.1	2.2	2.3	2.2	2.2
Sabah	867.2	907.4	1,113.2	843.4	919.9	7.0	7.1	8.2	6.3	6.4
Sarawak	665.9	718.8	778.2	633.9	714.0	5.4	5.6	5.8	4.7	5.0
Wilayah Persekutuan ¹	924.5	915.4	913.2	1,077.9	1,170.0	7.5	7.1	6.7	8.0	8.1

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.16b Guna tenaga dalam sektor bukan pertanian mengikut negeri dan strata, 2015, 2017, 2019, 2021^r dan 2023 (samb.)
Employment in non-agriculture sector by state and strata, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara <i>Item</i>	Bilangan <i>Number ('000)</i>					Peratus Sumbangan <i>Percentage Share (%)</i>				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Luar bandar <i>Rural</i>	1,979.4	1,955.5	1,932.0	1,862.2	1,815.9	100.0	100.0	100.0	100.0	100.0
Johor	255.0	250.1	253.8	318.0	290.1	2.1	1.9	1.9	2.4	2.0
Kedah	185.1	165.6	157.2	145.1	145.7	1.5	1.3	1.2	1.1	1.0
Kelantan	255.9	243.1	242.5	198.7	217.6	2.1	1.9	1.8	1.5	1.5
Melaka	22.8	17.7	14.6	14.9	11.5	0.2	0.1	0.1	0.1	0.1
Negeri Sembilan	89.8	91.8	82.1	80.7	81.9	0.7	0.7	0.6	0.6	0.6
Pahang	153.2	150.8	154.4	134.4	148.2	1.2	1.2	1.1	1.0	1.0
Pulau Pinang	40.4	34.0	27.3	23.0	21.9	0.3	0.3	0.2	0.2	0.2
Perak	146.7	158.2	149.3	153.1	122.2	1.2	1.2	1.1	1.1	0.9
Perlis	31.0	30.1	31.7	26.4	28.7	0.3	0.2	0.2	0.2	0.2
Selangor	157.7	141.3	142.2	162.5	141.6	1.3	1.1	1.1	1.2	1.0
Terengganu	114.5	114.4	118.4	104.5	99.7	0.9	0.9	0.9	0.8	0.7
Sabah	278.3	318.5	299.5	278.0	292.2	2.3	2.5	2.2	2.1	2.0
Sarawak	244.4	235.6	255.0	218.7	210.1	2.0	1.8	1.9	1.6	1.5
Wilayah Persekutuan ¹	4.7	4.3	4.0	4.2	4.5	0.0	0.0	0.0	0.0	0.0

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.16c

Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian mengikut negeri dan strata, 2015, 2017, 2019, 2021^r dan 2023

Share of employment in informal sector in non-agriculture by state and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Jumlah Total	11.4	10.8	9.3	9.2	9.3
Johor	9.9	8.3	8.2	8.1	7.6
Kedah	16.4	18.2	13.4	11.5	14.3
Kelantan	30.7	22.8	22.1	17.3	18.3
Melaka	11.0	9.8	8.5	5.9	5.6
Negeri Sembilan	8.6	11.0	7.7	6.1	7.9
Pahang	12.5	11.7	10.1	8.5	9.8
Pulau Pinang	7.3	8.6	5.8	7.6	6.9
Perak	12.6	11.4	10.2	10.6	8.7
Perlis	15.4	9.2	12.0	10.1	11.0
Selangor	8.0	9.8	6.1	8.6	7.8
Terengganu	18.5	15.2	20.9	17.4	15.2
Sabah	14.0	10.8	11.0	11.0	13.0
Sarawak	11.7	10.2	8.9	8.9	10.7
Wilayah Persekutuan ¹	5.8	4.6	6.3	5.8	6.3

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

Perkara Item	Kadar terhadap guna tenaga Rate to employment (%)				
	2015	2017	2019	2021 ^r	2023
Bandar Urban	9.8	10.4	8.1	8.5	8.7
Johor	8.6	7.9	7.4	7.2	7.5
Kedah	14.8	17.6	11.5	9.7	13.0
Kelantan	26.0	23.6	18.0	13.9	17.3
Melaka	10.7	9.6	8.4	5.7	5.4
Negeri Sembilan	7.1	11.3	7.0	5.6	7.5
Pahang	9.9	11.3	8.1	6.8	9.0
Pulau Pinang	6.8	8.7	5.7	7.6	6.9
Perak	11.6	11.4	9.1	9.2	8.3
Perlis	15.8	8.9	11.7	8.5	10.9
Selangor	7.6	9.8	6.0	8.5	7.6
Terengganu	17.0	15.4	19.8	15.5	14.5
Sabah	13.6	11.4	10.5	11.8	12.9
Sarawak	9.5	10.2	7.3	8.7	9.6
Wilayah Persekutuan ¹	5.8	4.6	6.3	5.8	6.3

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.16c

Kadar guna tenaga sektor informal dalam sektor bukan pertanian terhadap jumlah guna tenaga mengikut negeri dan strata, 2015, 2017, 2019, 2021^r dan 2023 (samb.)
Rate of employment in informal sector in non-agriculture to total employment by state and strata, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara <i>Item</i>	Kadar terhadap jumlah guna tenaga <i>Rate to total employment (%)</i>				
	2015	2017	2019	2021 ^r	2023
Luar bandar <i>Rural</i>	19.8	12.7	16.1	13.9	13.7
Johor	15.7	10.1	12.5	11.7	8.3
Kedah	21.5	20.5	21.3	19.8	20.4
Kelantan	36.3	21.9	28.0	23.3	20.2
Melaka	15.6	13.2	10.5	13.5	11.9
Negeri Sembilan	14.1	9.6	10.5	8.2	10.0
Pahang	19.0	12.7	15.4	13.4	12.1
Pulau Pinang	17.4	6.1	8.3	9.1	8.0
Perak	17.7	11.8	15.7	17.5	11.9
Perlis	14.6	9.6	12.6	14.5	11.3
Selangor	15.4	8.5	9.1	11.5	12.5
Terengganu	22.0	14.8	23.6	22.8	17.5
Sabah	15.4	9.3	12.6	8.6	13.2
Sarawak	17.7	10.3	13.9	9.5	14.4
Wilayah Persekutuan ¹	3.1	0.0	11.6	7.2	4.5

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

1.17

Guna tenaga dalam sektor informal bukan pertanian mengikut jenis tempat kerja dan jantina, 2015, 2017, 2019, 2021^r dan 2023Employment in the informal sector in non-agriculture by type of workplace and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
Di tempat kediaman At home	599.6	591.8	486.2	457.3	534.0	42.7	42.7	38.7	37.0	39.8
Kilang/pejabat/bengkel/kedai/kiosk (berasingan daripada tempat kediaman) Factory/office/workshop/shop/kiosk (independent from home)	118.6	112.3	86.2	177.6	302.9	8.4	8.1	6.9	14.4	22.6
Pasar/gerai jalanan Market/street stalls	212.5	250.5	243.9	342.0	190.6	15.1	18.1	19.4	27.7	14.2
Tiada tempat tetap/khusus (mobiliti) No fixed location (mobile)	472.4	431.8	440.0	259.9	315.0	33.7	31.1	35.0	21.0	23.5
Lelaki Male	714.0	850.3	707.2	713.9	720.4	50.9	61.3	56.3	57.7	53.7
Di tempat kediaman At home	128.5	364.4	133.9	215.7	144.7	18.0	42.9	18.9	30.2	20.1
Kilang/pejabat/bengkel/kedai/kiosk (berasingan daripada tempat kediaman) Factory/office/workshop/shop/kiosk (independent from home)	79.6	65.7	57.1	110.6	190.9	11.2	7.7	8.1	15.5	26.5
Pasar/gerai jalanan Market/street stalls	92.3	153.5	125.8	199.8	102.1	12.9	18.1	17.8	28.0	14.2
Tiada tempat tetap/khusus (mobiliti) No fixed location (mobile)	413.5	266.7	390.4	187.9	282.6	57.9	31.4	55.2	26.3	39.2
Perempuan Female	689.1	536.0	548.9	522.9	622.1	49.1	38.7	43.7	42.3	46.3
Di tempat kediaman At home	471.1	227.4	352.3	241.6	389.3	68.4	42.4	64.2	46.2	62.6
Kilang/pejabat/bengkel/kedai/ kiosk (berasingan daripada tempat kediaman) Factory/office/workshop/shop/kiosk (independent from home)	38.9	46.6	29.1	67.1	112.0	5.7	8.7	5.3	12.8	18.0
Pasar/gerai jalanan Market/street stalls	120.2	97.0	118.0	142.2	88.5	17.5	18.1	21.5	27.2	14.2
Tiada tempat tetap/khusus (mobiliti) No fixed location (mobile)	58.8	165.1	49.6	72.0	32.3	8.5	30.8	9.0	13.8	5.2

1.18 Guna tenaga dalam sektor informal bukan pertanian mengikut jenis tempat kerja dan strata, 2015, 2017, 2019, 2021^r dan 2023

Employment in the informal sector in non-agriculture by type of workplace and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Bilangan Number ('000)					Peratus Sumbangan Percentage Share (%)				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	1,403.1	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	100.0
Di tempat kediaman At home	599.6	591.8	486.2	457.3	534.0	42.7	42.7	38.7	37.0	39.8
Kilang/pejabat/bengkel/kedai/ kiosk (berasingan daripada tempat kediaman) Factory/office/workshop/shop/kiosk (independent from home)	118.6	112.3	86.2	177.6	302.9	8.4	8.1	6.9	14.4	22.6
Pasar/gerai jalanan Market/street stalls	212.5	250.5	243.9	342.0	190.6	15.1	18.1	19.4	27.7	14.2
Tiada tempat tetap/khusus (mobiliti) No fixed location (mobile)	472.4	431.8	440.0	259.9	315.0	33.7	31.1	35.0	21.0	23.5
Bandar Urban	1,011.8	1,137.4	944.7	977.8	1,093.2	72.1	82.0	75.2	79.1	81.4
Di tempat kediaman At home	456.2	487.1	376.7	374.4	455.9	45.1	42.8	39.9	38.3	41.7
Kilang/pejabat/bengkel/kedai/ kiosk (berasingan daripada tempat kediaman) Factory/office/workshop/shop/kiosk (independent from home)	79.9	92.5	64.7	146.9	248.5	7.9	8.1	6.8	15.0	22.7
Pasar/gerai jalanan Market/street stalls	151.1	202.2	192.5	272.7	154.3	14.9	17.8	20.4	27.9	14.1
Tiada tempat tetap/khusus (mobiliti) No fixed location (mobile)	324.7	355.6	310.9	183.7	234.4	32.1	31.3	32.9	18.8	21.4
Luar bandar Rural	391.2	249.0	311.5	259.0	249.3	27.9	18.0	24.8	20.9	18.6
Di tempat kediaman At home	143.4	104.7	109.5	82.9	78.1	36.7	42.0	35.2	32.0	31.3
Kilang/pejabat/bengkel/kedai/ kiosk (berasingan daripada tempat kediaman) Factory/office/workshop/shop/kiosk (independent from home)	38.7	19.8	21.5	30.7	54.4	9.9	7.9	6.9	11.8	21.8
Pasar/gerai jalanan Market/street stalls	61.5	48.3	51.3	69.3	36.3	15.7	19.4	16.5	26.8	14.6
Tiada tempat tetap/khusus (mobiliti) No fixed location (mobile)	147.7	76.2	129.1	76.2	80.6	37.7	30.6	41.5	29.4	32.3

1.19

Purata dan penengah jam bekerja bagi Guna tenaga sektor informal bukan pertanian mengikut taraf pekerjaan dan jantina, 2015, 2017, 2019, 2021¹ dan 2023

Mean and median hours worked for Employment in the informal sector for non-agriculture by status in employment and sex, 2015, 2017, 2019, 2021¹ dan 2023

Perkara Item	Purata Jam Bekerja Mean Hours Worked					Penengah Jam Bekerja Median Hours Worked				
	2015	2017	2019	2021 ¹	2023	2015	2017	2019	2021 ¹	2023
Jumlah Total	38.9	46.0	38.9	40.4	39.8	40.0	48.0	40.0	40.0	40.0
Majikan Employer	46.2	49.1	41.9	39.2	43.4	48.0	48.0	42.0	40.0	45.0
Pekerja Employee	42.6	47.7	41.6	39.4	40.4	48.0	48.0	40.0	40.0	40.0
Bekerja sendiri Own account worker	38.2	45.5	38.2	40.6	39.5	40.0	48.0	40.0	40.0	40.0
Pekerja keluarga tanpa gaji Unpaid family worker	34.8	45.3	38.9	40.9	39.4	30.0	48.0	40.0	40.0	40.0
Lelaki Male	41.3	47.2	41.0	41.2	41.2	40.0	48.0	40.0	42.0	40.0
Majikan Employer	45.2	49.6	42.7	38.5	44.7	48.0	48.0	42.0	40.0	48.0
Pekerja Employee	43.5	48.5	42.6	39.8	42.0	48.0	48.0	42.0	40.0	42.0
Bekerja sendiri Own account worker	40.4	46.7	40.5	41.9	40.9	40.0	48.0	40.0	45.0	40.0
Pekerja keluarga tanpa gaji Unpaid family worker	36.5	46.5	39.4	40.8	41.0	35.0	48.0	40.0	40.0	40.0
Perempuan Female	36.4	44.0	36.2	39.2	38.1	35.0	48.0	35.0	40.0	40.0
Majikan Employer	47.9	47.5	39.1	40.9	40.4	55.0	48.0	36.0	40.0	40.0
Pekerja Employee	39.1	45.0	38.4	38.4	37.3	36.0	48.0	40.0	40.0	36.0
Bekerja sendiri Own account worker	36.2	43.8	35.5	39.0	38.2	35.0	48.0	35.0	40.0	40.0
Pekerja keluarga tanpa gaji Unpaid family worker	34.3	44.1	38.7	41.0	37.2	30.0	48.0	40.0	40.0	40.0

1.20

Purata dan penengah jam bekerja bagi guna tenaga dalam sektor informal bukan pertanian mengikut taraf pekerjaan dan strata, 2015, 2017, 2019, 2021¹ dan 2023

Mean and median hours worked for employment in the informal sector in non-agriculture by status in employment and strata, 2015, 2017, 2019, 2021¹ dan 2023

Perkara Item	Purata Jam Bekerja Mean Hours Worked					Penengah Jam Bekerja Median Hours Worked				
	2015	2017	2019	2021 ¹	2023	2015	2017	2019	2021 ¹	2023
Jumlah (jam) Total (hours)	38.9	46.0	38.9	40.4	39.8	40.0	48.0	40.0	40.0	40.0
Majikan Employer	46.2	49.1	41.9	39.2	43.4	48.0	48.0	42.0	40.0	45.0
Pekerja Employee	42.6	47.7	41.6	39.4	40.4	48.0	48.0	40.0	40.0	40.0
Bekerja sendiri Own account worker	38.2	45.5	38.2	40.6	39.5	40.0	48.0	40.0	40.0	40.0
Pekerja keluarga tanpa gaji Unpaid family worker	34.8	45.3	38.9	40.9	39.4	30.0	48.0	40.0	40.0	40.0
Bandar Urban	39.1	46.2	39.1	40.4	39.8	40.0	48.0	40.0	40.0	40.0
Majikan Employer	47.1	49.4	41.9	38.9	44.0	48.0	48.0	42.0	40.0	48.0
Pekerja Employee	43.1	48.0	41.7	38.7	40.6	48.0	48.0	40.0	40.0	40.0
Bekerja sendiri Own account worker	38.5	45.7	38.4	40.7	39.6	40.0	48.0	40.0	40.0	40.0
Pekerja keluarga tanpa gaji Unpaid family worker	33.9	45.5	39.5	41.7	39.4	30.0	48.0	40.0	40.0	40.0
Luar bandar Rural	38.4	44.9	38.3	40.3	39.6	40.0	48.0	40.0	40.0	40.0
Majikan Employer	42.7	46.1	41.8	40.4	42.4	42.0	48.0	40.0	40.0	42.0
Pekerja Employee	41.6	46.4	41.6	41.3	40.2	40.0	48.0	40.0	42.0	40.0
Bekerja sendiri Own account worker	37.4	44.4	37.4	40.2	39.0	36.0	48.0	36.0	40.0	40.0
Pekerja keluarga tanpa gaji Unpaid family worker	37.4	44.3	37.2	38.4	39.4	32.0	48.0	35.0	36.0	40.0

1.21

Purata dan penengah jam bekerja bagi guna tenaga dalam sektor informal bukan pertanian mengikut industri dan jantina, 2015, 2017, 2019, 2021^r dan 2023
Mean and median hours worked for employment in the informal sector in non-agriculture by industry and sex, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Purata Jam Bekerja Mean Hours Worked					Penengah Jam Bekerja Median Hours Worked				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	38.9	46.0	38.9	40.4	39.8	40.0	48.0	40.0	40.0	40.0
Pembuatan Manufacturing	32.2	45.2	34.8	38.3	36.5	30.0	48.0	34.0	40.0	36.0
Pembinaan Construction	42.6	47.4	41.8	39.6	42.5	45.0	48.0	40.0	40.0	40.0
Perkhidmatan Services	39.4	45.7	39.1	41.1	40.0	40.0	48.0	40.0	40.0	40.0
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	39.2	47.0	39.8	41.7	40.3	40.0	48.0	40.0	42.0	40.0
Pengangkutan dan penyimpanan Transportation and storage	41.5	48.2	44.8	45.6	40.8	46.0	48.0	48.0	48.0	40.0
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	38.4	44.8	38.4	39.2	39.8	36.0	48.0	36.0	40.0	40.0
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	35.1	47.0	35.8	41.2	37.8	35.0	48.0	35.0	40.0	40.0
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	43.2	43.6	42.3	41.8	41.8	42.0	45.0	40.0	42.0	40.0
Aktiviti perkhidmatan lain Other services activities	35.8	44.4	34.2	40.8	38.2	40.0	48.0	35.0	40.0	40.0
Lain-lain Others	38.7	48.8	39.2	41.0	40.3	36.0	48.0	40.0	40.0	40.0

1.21 Purata dan penengah jam bekerja bagi guna tenaga dalam sektor informal bukan pertanian mengikut industri dan jantina, 2015, 2017, 2019, 2021^r dan 2023 (samb.)

Mean and median hours worked for employment in the informal sector in non-agriculture by industry and sex, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Purata Jam Bekerja Mean Hours Worked					Penengah Jam Bekerja Median Hours Worked				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Lelaki <i>Male</i>	41.3	47.2	41.0	41.2	41.2	40.0	48.0	40.0	42.0	40.0
Pembuatan <i>Manufacturing</i>	39.4	47.9	40.9	40.9	38.6	40.0	48.0	40.0	42.0	40.0
Pembinaan <i>Construction</i>	42.9	47.4	41.8	39.5	42.7	48.0	48.0	40.0	40.0	42.0
Perkhidmatan <i>Services</i>	40.4	46.9	40.6	42.0	41.2	40.0	48.0	40.0	45.0	40.0
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal <i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	41.7	47.4	41.7	40.4	32.8	40.0	48.0	40.0	40.0	35.0
Pengangkutan dan penyimpanan <i>Transportation and storage</i>	44.3	48.0	45.5	38.6	38.9	48.0	48.0	48.0	40.0	40.0
Penginapan dan aktiviti perkhidmatan makanan dan minuman <i>Accommodation and food and beverage service activities</i>	40.4	46.0	40.5	41.4	38.5	40.0	48.0	40.0	40.0	40.0
Aktiviti pentadbiran dan khidmat sokongan <i>Administrative and support service activities</i>	35.7	49.2	36.6	42.2	42.0	35.0	48.0	36.0	42.0	40.0
Aktiviti kesihatan kemanusiaan dan kerja sosial <i>Human health and social work activities</i>	36.5	44.4	41.5	40.4	35.7	35.0	48.0	40.0	40.0	36.0
Aktiviti perkhidmatan lain <i>Other services activities</i>	38.3	45.1	37.0	41.4	36.1	40.0	48.0	40.0	40.0	31.0
Lain-lain <i>Others</i>	38.8	48.4	40.0	40.4	39.8	35.0	48.0	40.0	40.0	40.0

1.21

Purata dan penengah jam bekerja bagi guna tenaga dalam sektor informal bukan pertanian mengikut industri dan jantina, 2015, 2017, 2019, 2021^r dan 2023 (samb.)
Mean and median hours worked for employment in the informal sector in non-agriculture by industry and sex, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Purata Jam Bekerja Mean Hours Worked					Penengah Jam Bekerja Median Hours Worked				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Perempuan Female	36.4	44.0	36.2	39.2	38.1	35.0	48.0	35.0	40.0	40.0
Pembuatan Manufacturing	30.3	42.6	32.3	36.5	34.8	30.0	45.0	30.0	35.0	35.0
Pembinaan Construction	31.6	49.0	40.7	41.5	40.8	24.0	48.0	40.0	48.0	40.0
Perkhidmatan Services	38.6	44.3	37.6	40.1	38.8	40.0	48.0	36.0	40.0	40.0
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	35.8	46.3	36.9	40.6	38.7	35.0	48.0	36.0	40.0	40.0
Pengangkutan dan penyimpanan Transportation and storage	22.1	50.3	35.5	40.4	32.8	20.0	50.0	30.0	40.0	35.0
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	37.3	43.3	36.7	38.6	38.9	35.0	45.0	35.0	40.0	40.0
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	33.9	43.9	34.2	41.4	38.5	30.0	48.0	30.0	40.0	40.0
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	43.6	43.5	42.4	42.2	42.0	43.0	45.0	40.0	42.0	40.0
Aktiviti perkhidmatan lain Other services activities	32.0	43.4	30.6	40.4	35.7	32.0	48.0	30.0	40.0	36.0
Lain-lain Others	38.2	50.9	31.6	41.4	36.1	40.0	48.0	30.0	40.0	31.0

1.22 Purata dan penengah jam bekerja bagi guna tenaga dalam sektor informal bukan pertanian mengikut industri dan strata, 2015, 2017, 2019, 2021^r dan 2023

Mean and median hours worked for employment in the informal sector in non-agriculture by industry and strata, 2015, 2017, 2019, 2021^r dan 2023

Perkara Item	Purata Jam Bekerja Mean Hours Worked					Penengah Jam Bekerja Median Hours Worked				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Jumlah Total	38.9	46.0	38.9	40.4	39.8	40.0	48.0	40.0	40.0	40.0
Pembuatan Manufacturing	32.2	45.2	34.8	38.3	36.5	30.0	48.0	34.0	40.0	36.0
Pembinaan Construction	42.6	47.4	41.8	39.6	42.5	45.0	48.0	40.0	40.0	40.0
Perkhidmatan Services	39.4	45.7	39.1	41.1	40.0	40.0	48.0	40.0	40.0	40.0
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	39.2	47.0	39.8	41.7	40.3	40.0	48.0	40.0	42.0	40.0
Pengangkutan dan penyimpanan Transportation and storage	41.5	48.2	44.8	45.6	40.8	46.0	48.0	48.0	48.0	40.0
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	38.4	44.8	38.4	39.2	39.8	36.0	48.0	36.0	40.0	40.0
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	35.1	47.0	35.8	41.2	37.8	35.0	48.0	35.0	40.0	40.0
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	43.2	43.6	42.3	41.8	41.8	42.0	45.0	40.0	42.0	40.0
Aktiviti perkhidmatan lain Other services activities	35.8	44.4	34.2	40.8	38.2	40.0	48.0	35.0	40.0	40.0
Lain-lain Others	38.7	48.8	39.2	41.0	40.3	36.0	48.0	40.0	40.0	40.0

1.22 Purata dan penengah jam bekerja bagi guna tenaga dalam sektor informal bukan pertanian mengikut industri dan strata, 2015, 2017, 2019, 2021^r dan 2023 (samb.)
Mean and median hours worked for employment in the informal sector in non-agriculture by industry and strata, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Purata Jam Bekerja Mean Hours Worked					Penengah Jam Bekerja Median Hours Worked				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Bandar <i>Urban</i>	39.1	46.2	39.1	40.4	39.8	40.0	48.0	40.0	40.0	40.0
Pembuatan <i>Manufacturing</i>	32.7	45.5	35.4	38.0	36.6	30.0	48.0	35.0	40.0	36.0
Pembinaan <i>Construction</i>	43.1	47.8	41.7	39.3	42.6	48.0	48.0	40.0	40.0	40.0
Perkhidmatan <i>Services</i>	38.9	45.9	39.3	41.2	40.0	40.0	48.0	40.0	40.0	40.0
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal <i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	38.4	47.1	39.7	44.3	43.7	40.0	48.0	40.0	48.0	48.0
Pengangkutan dan penyimpanan <i>Transportation and storage</i>	40.8	48.7	46.3	37.8	39.4	44.0	48.0	48.0	36.0	40.0
Penginapan dan aktiviti perkhidmatan makanan dan minuman <i>Accommodation and food and beverage service activities</i>	38.5	45.1	39.1	43.6	36.0	36.0	48.0	39.0	42.0	35.0
Aktiviti pentadbiran dan khidmat sokongan <i>Administrative and support service activities</i>	35.8	47.4	35.3	33.5	41.4	36.0	48.0	32.0	40.0	40.0
Aktiviti kesihatan kemanusiaan dan kerja sosial <i>Human health and social work activities</i>	43.8	43.6	42.5	39.8	37.9	45.0	45.0	40.0	40.0	40.0
Aktiviti perkhidmatan lain <i>Other services activities</i>	35.9	44.7	34.3	47.8	36.5	40.0	48.0	35.0	48.0	36.0
Lain-lain <i>Others</i>	38.9	49.7	39.9	40.4	39.8	40.0	48.0	40.0	40.0	40.0

1.22 Purata dan penengah jam bekerja bagi guna tenaga dalam sektor informal bukan pertanian mengikut industri dan strata, 2015, 2017, 2019, 2021^r dan 2023 (samb.)
Mean and median hours worked for employment in the informal sector in non-agriculture by industry and strata, 2015, 2017, 2019, 2021^r dan 2023 (cont'd)

Perkara Item	Purata Jam Bekerja Mean Hours Worked					Penengah Jam Bekerja Median Hours Worked				
	2015	2017	2019	2021 ^r	2023	2015	2017	2019	2021 ^r	2023
Luar bandar Rural	38.4	44.9	38.3	40.3	39.6	40.0	48.0	40.0	40.0	40.0
Pembuatan Manufacturing	31.0	42.9	32.9	38.9	36.3	30.0	48.0	30.0	40.0	36.0
Pembinaan Construction	41.8	46.1	41.8	40.2	42.4	40.0	48.0	40.0	40.0	40.0
Perkhidmatan Services	39.4	44.8	38.4	40.8	39.8	40.0	48.0	40.0	40.0	40.0
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	41.0	46.4	40.4	42.4	40.9	40.0	48.0	40.0	42.0	40.0
Pengangkutan dan penyimpanan Transportation and storage	43.1	46.3	41.9	44.3	43.7	48.0	48.0	40.0	48.0	48.0
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	38.1	43.4	36.3	37.8	39.4	35.0	42.0	35.0	36.0	40.0
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	33.4	45.3	36.9	43.6	36.0	30.0	48.0	36.0	42.0	35.0
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	40.9	43.8	41.3	33.5	41.4	40.0	45.0	40.0	40.0	40.0
Aktiviti perkhidmatan lain Other services activities	34.7	41.3	33.6	39.8	37.9	35.0	42.0	35.0	40.0	40.0
Lain-lain Others	38.2	46.1	35.9	47.8	36.5	35.0	48.0	40.0	48.0	36.0

1.23 Purata dan penengah jam bekerja bagi guna tenaga dalam sektor informal bukan pertanian mengikut kategori pekerjaan dan jantina, 2015, 2017, 2019, 2021¹ dan 2023
Mean and median hours worked for employment in the informal sector in non-agriculture by category of occupation and sex, 2015, 2017, 2019, 2021¹ dan 2023

Perkara Item	Purata Jam Bekerja Mean Hours Worked					Penengah Jam Bekerja Median Hours Worked				
	2015	2017	2019	2021 ¹	2023	2015	2017	2019	2021 ¹	2023
Jumlah Total	38.9	46.0	38.9	40.4	39.8	40.0	48.0	40.0	40.0	40.0
Pengurus dan profesional Managers and professionals	35.9	45.1	31.4	39.6	39.1	40.0	48.0	30.0	40.0	40.0
Juruteknik dan profesional bersekutu Technicians and associate professionals	35.8	46.2	36.2	40.3	40.0	36.0	48.0	36.0	40.0	40.0
Pekerja perkhidmatan dan jualan Service and sales workers	40.1	46.0	39.3	40.4	39.9	40.0	48.0	40.0	40.0	40.0
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	38.0	45.9	38.7	39.4	39.2	40.0	48.0	40.0	40.0	40.0
Pekerja asas Elementary occupations	37.3	45.3	38.7	41.9	39.7	40.0	48.0	40.0	45.0	40.0
Lain-lain Others	42.2	48.3	42.0	43.9	41.9	45.0	48.0	42.0	48.0	40.0
Lelaki Male	41.3	47.2	41.0	41.2	41.2	40.0	48.0	40.0	42.0	40.0
Pengurus dan profesional Managers and professionals	39.8	45.0	34.5	39.2	41.9	40.0	48.0	35.0	40.0	40.0
Juruteknik dan profesional bersekutu Technicians and associate professionals	37.4	46.0	37.6	40.1	40.7	40.0	48.0	40.0	40.0	40.0
Pekerja perkhidmatan dan jualan Service and sales workers	41.0	47.4	40.9	40.7	41.2	40.0	48.0	40.0	40.0	40.0
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	42.1	47.2	41.6	40.8	41.4	42.0	48.0	40.0	42.0	40.0
Pekerja asas Elementary occupations	39.5	46.7	39.7	42.2	40.1	40.0	48.0	40.0	48.0	40.0
Lain-lain Others	44.8	49.2	43.4	44.7	43.5	48.0	48.0	45.0	48.0	45.0
Perempuan Female	36.4	44.0	36.2	39.2	38.1	35.0	48.0	35.0	40.0	40.0
Pengurus dan profesional Managers and professionals	30.6	45.3	28.6	40.3	35.5	30.0	48.0	30.0	40.0	40.0
Juruteknik dan profesional bersekutu Technicians and associate professionals	30.9	47.1	33.3	40.7	37.9	30.0	48.0	30.0	40.0	36.0
Pekerja perkhidmatan dan jualan Service and sales workers	39.7	44.5	38.3	40.1	39.1	40.0	48.0	40.0	40.0	40.0
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	30.7	43.3	32.2	37.2	35.0	30.0	48.0	30.0	36.0	35.0
Pekerja asas Elementary occupations	31.2	41.3	34.6	40.5	38.3	30.0	45.0	32.0	40.0	36.0
Lain-lain Others	28.6	46.5	35.0	39.8	36.2	30.0	48.0	35.0	40.0	36.0

1.24 Purata dan penengah jam bekerja bagi guna tenaga dalam sektor informal bukan pertanian mengikut kategori pekerjaan dan jantina, 2015, 2017, 2019, 2021¹ dan 2023
Mean and median hours worked for employment in the informal sector in non-agriculture by category of occupation and strata, 2015, 2017, 2019, 2021¹ dan 2023

Perkara Item	Purata Jam Bekerja Mean Hours Worked					Penengah Jam Bekerja Median Hours Worked				
	2015	2017	2019	2021 ¹	2023	2015	2017	2019	2021 ¹	2023
Jumlah Total	38.9	46.0	38.9	40.0	39.8	40.0	48.0	40.0	40.0	40.0
Pengurus dan profesional Managers and professionals	35.9	45.1	31.4	39.6	39.1	40.0	48.0	30.0	40.0	40.0
Juruteknik dan profesional bersekutu Technicians and associate professionals	35.8	46.2	36.2	40.3	40.0	36.0	48.0	36.0	40.0	40.0
Pekerja perkhidmatan dan jualan Service and sales workers	40.1	46.0	39.3	40.4	39.9	40.0	48.0	40.0	40.0	40.0
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	38.0	45.9	38.7	39.4	39.2	40.0	48.0	40.0	40.0	40.0
Pekerja asas Elementary occupations	37.3	45.3	38.7	41.9	39.7	40.0	48.0	40.0	45.0	40.0
Lain-lain Others	42.2	48.3	42.0	43.9	41.9	45.0	48.0	42.0	48.0	40.0
Bandar Urban	39.1	46.2	39.1	40.4	39.8	40.0	48.0	40.0	40.0	40.0
Pengurus dan profesional Managers and professionals	36.2	45.2	30.7	38.9	39.1	40.0	48.0	30.0	40.0	40.0
Juruteknik dan profesional bersekutu Technicians and associate professionals	36.3	46.0	36.3	40.3	40.5	36.0	48.0	36.0	40.0	40.0
Pekerja perkhidmatan dan jualan Service and sales workers	40.0	46.2	39.5	40.4	39.9	40.0	48.0	40.0	40.0	40.0
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	38.5	46.2	39.1	39.5	39.2	40.0	48.0	40.0	40.0	40.0
Pekerja asas Elementary occupations	37.2	45.7	37.9	41.6	39.6	40.0	48.0	40.0	45.0	40.0
Lain-lain Others	41.8	48.6	42.6	44.1	41.9	44.0	48.0	44.0	48.0	40.0
Luar bandar Rural	38.4	44.9	38.3	40.3	39.6	40.0	48.0	40.0	40.0	40.0
Pengurus dan profesional Managers and professionals	33.9	43.9	33.5	41.0	39.3	35.0	42.0	30.0	40.0	40.0
Juruteknik dan profesional bersekutu Technicians and associate professionals	32.3	48.8	35.7	40.4	36.9	32.0	48.0	35.0	40.0	36.0
Pekerja perkhidmatan dan jualan Service and sales workers	40.1	45.3	38.2	40.1	39.9	40.0	48.0	40.0	40.0	40.0
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	37.0	44.3	37.7	39.2	39.0	36.0	48.0	40.0	40.0	40.0
Pekerja asas Elementary occupations	37.5	44.1	39.7	43.3	40.1	40.0	48.0	40.0	48.0	40.0
Lain-lain Others	43.5	47.0	41.1	43.3	41.6	48.0	48.0	40.0	48.0	40.0

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**BAHAGIAN B:
2. GUNA TENAGA
DALAM
SEKTOR INFORMAL
TERMASUK
SEKTOR PERTANIAN**

*PART B:
2. EMPLOYMENT IN THE
INFORMAL SECTOR INCLUDE
AGRICULTURE SECTORS*

2.1 Statistik utama guna tenaga sektor informal termasuk pertanian mengikut jantina, 2021^r dan 2023

Principal statistics of employment in the informal sector include agriculture by sex, 2021^r and 2023

Perkara <i>Item</i>		2021 ^r	2023
Tenaga buruh <i>Labour force</i>	('000)	15,532.8	16,366.8
Kadar penyertaan tenaga buruh <i>Labour force participation rate</i>	(%)	68.6	70.0
Jumlah Guna tenaga <i>Total employment</i>	('000)	14,825.2	15,813.4
Guna tenaga dalam sektor termasuk pertanian <i>Employment in include agriculture sector</i>	('000)	1,833.3	1,834.5
Sumbangan daripada jumlah guna tenaga <i>Share from the total employment</i>	(%)	12.4	11.6
Lelaki <i>Male</i>			
Tenaga buruh <i>Labour force</i>	('000)	9,623.0	10,188.5
Kadar penyertaan tenaga buruh <i>Labour force participation rate</i>	(%)	80.5	82.3
Jumlah Guna tenaga <i>Total employment</i>	('000)	9,194.6	9,849.5
Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector in include agriculture</i>	('000)	1,210.8	1,147.1
Sumbangan daripada jumlah guna tenaga <i>Share from the total employment</i>	(%)	13.2	11.6
Perempuan <i>Female</i>			
Tenaga buruh <i>Labour force</i>	('000)	5,909.8	6,178.3
Kadar penyertaan tenaga buruh <i>Labour force participation rate</i>	(%)	55.3	56.2
Jumlah Guna tenaga <i>Total employment</i>	('000)	5,630.6	5,963.8
Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector in include agriculture</i>	('000)	622.6	687.3
Sumbangan daripada jumlah guna tenaga <i>Share from the total employment</i>	(%)	11.1	11.5

2.2 Statistik utama guna tenaga sektor informal termasuk pertanian mengikut strata, 2021¹ dan 2023

Principal statistics of employment in the informal sector for include agriculture by strata, 2021¹ and 2023

Perkara Item		2021 ¹	2023
Tenaga buruh <i>Labour force</i>	('000)	15,532.8	16,366.8
Kadar penyertaan tenaga buruh <i>Labour force participation rate</i>	(%)	68.6	70.0
Jumlah Guna tenaga <i>Total employment</i>	('000)	14,825.2	15,813.4
Guna tenaga dalam sektor termasuk pertanian <i>Employment in include agriculture sector</i>	('000)	1,833.3	1,834.5
Sumbangan daripada jumlah guna tenaga <i>Share from the total employment</i>	(%)	12.4	11.6
Bandar <i>Urban</i>			
Tenaga buruh <i>Labour force</i>	('000)	12,595.0	13,505.4
Kadar penyertaan tenaga buruh <i>Labour force participation rate</i>	(%)	69.7	71.1
Jumlah Guna tenaga <i>Total employment</i>	('000)	12,043.1	13,082.3
Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector in include agriculture</i>	('000)	1,130.3	1,267.7
Sumbangan daripada jumlah guna tenaga <i>Share from the total employment</i>	(%)	9.4	9.7
Luar bandar <i>Rural</i>			
Tenaga buruh <i>Labour force</i>	('000)	2,937.9	2,861.4
Kadar penyertaan tenaga buruh <i>Labour force participation rate</i>	(%)	64.2	65.5
Jumlah Guna tenaga <i>Total employment</i>	('000)	2,782.1	2,731.1
Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector in include agriculture</i>	('000)	703.0	569.1
Sumbangan daripada jumlah guna tenaga <i>Share from the total employment</i>	(%)	25.3	20.8

2.3a Guna tenaga dalam sektor informal termasuk pertanian mengikut taraf pekerjaan, 2021^r dan 2023

Employment in the informal sector include agriculture by status of employment, 2021^r and 2023

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)	
	2021 ^r	2023	2021 ^r	2023
Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector include agriculture</i>	1,833.3	1,834.5	100.0	100.0
Majikan <i>Employer</i>	36.9	33.0	2.0	1.8
Pekerja <i>Employee</i>	317.5	321.3	17.3	17.5
Bekerja sendiri <i>Own account worker</i>	1,281.5	1,337.6	69.9	72.9
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	197.4	142.6	10.8	7.8
Guna tenaga dalam sektor termasuk pertanian (ribu) <i>Employment in include agriculture sector</i>	14,825.2	15,813.4	100.0	100.0
Majikan <i>Employer</i>	504.5	578.2	3.4	3.7
Pekerja <i>Employee</i>	11,696.2	12,419.7	78.9	78.5
Bekerja sendiri <i>Own account worker</i>	2,158.1	2,375.2	14.6	15.0
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	466.4	440.3	3.1	2.8

2.3b Guna tenaga dalam sektor informal termasuk pertanian mengikut taraf pekerjaan, 2021^r dan 2023

Employment in the informal sector include agriculture by status of employment, 2021^r and 2023

Perkara Item	Peratus Per cent (%)	
	2021 ^r	2023
Kadar terhadap jumlah guna tenaga <i>Rate to total employment</i>	12.4	11.6
Majikan <i>Employer</i>	7.3	5.7
Pekerja <i>Employee</i>	2.7	2.6
Bekerja sendiri <i>Own account worker</i>	59.4	56.3
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	42.3	32.4

2.4a Guna tenaga dalam sektor informal termasuk pertanian mengikut industri, 2021^r dan 2023

Employment in the informal sector include agriculture by industry, 2021^r and 2023

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)	
	2021 ^r	2023	2021 ^r	2023
Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector include agriculture</i>	1,833.3	1,834.5	100.0	100.0
Pertanian <i>Agriculture</i>	596.5	492.0	32.5	26.8
Pembuatan <i>Manufacturing</i>	220.3	223.8	12.0	12.2
Pembinaan <i>Construction</i>	172.5	187.6	9.4	10.2
Perkhidmatan <i>Services</i>	838.1	923.5	45.7	50.3
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal <i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	310.8	358.8	17.0	19.6
Pengangkutan dan penyimpanan <i>Transportation and storage</i>	69.5	64.5	3.8	3.5
Penginapan dan aktiviti perkhidmatan makanan dan minuman <i>Accommodation and food and beverage service activities</i>	266.4	293.9	14.5	16.0
Aktiviti pentadbiran dan khidmat sokongan <i>Administrative and support service activities</i>	56.8	51.5	3.1	2.8
Aktiviti kesihatan kemanusiaan dan kerja sosial <i>Human health and social work activities</i>	64.3	78.7	3.5	4.3
Aktiviti perkhidmatan lain <i>Other services activities</i>	70.3	76.1	3.8	4.1
Lain-lain <i>Others</i>	6.0	7.5	0.3	0.4
Guna tenaga dalam sektor termasuk pertanian <i>Employment in include agriculture sector</i>	14,825.2	15,813.4	100.0	100.0
Pertanian <i>Agriculture</i>	1,408.8	1,437.4	9.5	9.1
Pembuatan <i>Manufacturing</i>	2,476.4	2,597.8	16.7	16.4
Pembinaan <i>Construction</i>	1,165.8	1,284.5	7.9	8.1
Perkhidmatan <i>Services</i>	9,487.1	10,138.6	64.0	64.1
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal <i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	2,732.7	2,991.5	18.4	18.9
Pengangkutan dan penyimpanan <i>Transportation and storage</i>	693.6	735.3	4.7	4.7
Penginapan dan aktiviti perkhidmatan makanan dan minuman <i>Accommodation and food and beverage service activities</i>	1,447.2	1,592.8	9.8	10.1
Aktiviti pentadbiran dan khidmat sokongan <i>Administrative and support service activities</i>	803.3	886.3	5.4	5.6
Aktiviti kesihatan kemanusiaan dan kerja sosial <i>Human health and social work activities</i>	601.1	626.4	4.1	4.0
Aktiviti perkhidmatan lain <i>Other services activities</i>	3,209.2	3,306.2	21.6	20.9
Lain-lain <i>Others</i>	287.2	355.0	1.9	2.2

2.4b Guna tenaga dalam sektor informal termasuk pertanian mengikut industri, 2021^r dan 2023

Employment in the informal sector include agriculture by industry, 2021^r and 2023

Perkara Item	Peratus Per cent (%)	
	2021 ^r	2023
Kadar terhadap jumlah guna tenaga <i>Rate to total employment</i>	12.4	11.6
Pertanian <i>Agriculture</i>	42.3	34.2
Pembuatan <i>Manufacturing</i>	8.9	8.6
Pembinaan <i>Construction</i>	14.8	14.6
Perkhidmatan <i>Services</i>	8.8	9.1
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal <i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	11.4	12.0
Pengangkutan dan penyimpanan <i>Transportation and storage</i>	10.0	8.8
Penginapan dan aktiviti perkhidmatan makanan dan minuman <i>Accommodation and food and beverage service activities</i>	18.4	18.5
Aktiviti pentadbiran dan khidmat sokongan <i>Administrative and support service activities</i>	7.1	5.8
Aktiviti kesihatan kemanusiaan dan kerja sosial <i>Human health and social work activities</i>	10.7	12.6
Aktiviti perkhidmatan lain <i>Other services activities</i>	2.2	2.3
Lain-lain <i>Others</i>	2.1	2.1

2.5a Guna tenaga dalam sektor informal termasuk pertanian mengikut kategori pekerjaan, 2021^r dan 2023

Employment in the informal sector include agriculture by category of occupation, 2021^r and 2023

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)	
	2021 ^r	2023	2021 ^r	2023
Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector include agriculture</i>	1,833.3	1,834.5	100.0	100.0
Pengurus dan profesional <i>Managers and professionals</i>	31.9	51.6	1.7	2.8
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	43.9	49.9	2.4	2.7
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	535.1	670.8	29.2	36.6
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	435.9	348.4	23.8	19.0
Pekerja asas <i>Elementary occupations</i>	201.4	430.3	11.0	23.5
Lain-lain <i>Others</i>	585.1	283.4	31.9	15.4
Guna tenaga dalam sektor termasuk pertanian <i>Employment in include agriculture sector</i>	14,825.2	15,813.4	100.0	100.0
Pengurus dan profesional <i>Managers and professionals</i>	2,753.0	2,904.1	18.6	18.4
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	1,867.8	1,906.8	12.6	12.1
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	3,438.4	3,744.0	23.2	23.7
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	1,258.6	1,402.3	8.5	8.9
Pekerja asas <i>Elementary occupations</i>	1,780.3	1,956.2	12.0	12.4
Lain-lain <i>Others</i>	3,727.2	3,900.0	25.1	24.7

2.5b Guna tenaga dalam sektor informal termasuk pertanian mengikut kategori pekerjaan, 2021^r dan 2023

Employment in the informal sector include agriculture by category of occupation, 2021^r and 2023

Perkara Item	Peratus Per cent (%)	
	2021 ^r	2023
Kadar terhadap jumlah guna tenaga <i>Rate to total employment</i>	12.4	11.6
Pengurus dan profesional <i>Managers and professionals</i>	1.2	1.8
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	2.4	2.6
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	15.6	17.9
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	34.6	24.8
Pekerja asas <i>Elementary occupations</i>	11.3	22.0
Lain-lain <i>Others</i>	15.7	7.3

2.6a Guna tenaga dalam sektor informal termasuk pertanian mengikut kumpulan umur, 2021^r dan 2023

Employment in the informal sector include agriculture by age group, 2021^r and 2023

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)	
	2021 ^r	2023	2021 ^r	2023
Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector include agriculture</i>	1,833.3	1,834.5	100.0	100.0
15 - 24	214.2	354.5	11.7	19.3
25 - 34	439.2	411.7	24.0	22.4
35 - 44	465.2	403.1	25.4	22.0
45 - 54	420.9	372.6	23.0	20.3
55 - 64	293.8	292.5	16.0	15.9
Guna tenaga dalam sektor termasuk pertanian <i>Employment in include agriculture sector</i>	14,825.2	15,813.4	100.0	100.0
15 - 24	2,269.6	2,400.5	15.3	15.2
25 - 34	4,603.2	4,852.0	31.0	30.7
35 - 44	4,200.4	4,499.6	28.3	28.5
45 - 54	2,555.7	2,748.1	17.2	17.4
55 - 64	1,196.2	1,313.3	8.1	8.3

2.6b Guna tenaga dalam sektor informal termasuk pertanian mengikut kategori pekerjaan, 2021^r dan 2023

Employment in the informal sector include agriculture by category of occupation, 2021^r and 2023

Perkara Item	Peratus Per cent (%)	
	2021 ^r	2023
Kadar terhadap jumlah guna tenaga <i>Rate to total employment</i>	12.4	11.6
15 - 24	9.4	14.8
25 - 34	9.5	8.5
35 - 44	11.1	9.0
45 - 54	16.5	13.6
55 - 64	24.6	22.3

2.7a Guna tenaga dalam sektor informal termasuk pertanian mengikut taraf pekerjaan, 2021^r dan 2023

Employment in the informal sector include agriculture by status of employment, 2021^r and 2023

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)	
	2021 ^r	2023	2021 ^r	2023
Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector include agriculture</i>	1,833.3	1,834.5	100.0	100.0
Tiada pendidikan rasmi <i>No formal education</i>	116.3	89.8	6.3	4.9
Rendah <i>Primary</i>	351.1	303.6	19.2	16.5
Menengah <i>Secondary</i>	1,143.9	1,148.3	62.4	62.6
Tertiari <i>Tertiary</i>	222.0	292.8	12.1	16.0
Guna tenaga dalam sektor termasuk pertanian (ribu) <i>Employment in include agriculture sector</i>	14,825.2	15,813.4	100.0	100.0
Tiada pendidikan rasmi <i>No formal education</i>	415.6	378.2	2.8	2.4
Rendah <i>Primary</i>	1,111.6	1,268.1	7.5	8.0
Menengah <i>Secondary</i>	8,145.4	8,558.0	54.9	54.1
Tertiari <i>Tertiary</i>	5,152.5	5,609.1	34.8	35.5

2.7b Guna tenaga dalam sektor informal termasuk pertanian mengikut taraf pekerjaan, 2021^r dan 2023

Employment in the informal sector include agriculture by status of employment, 2021^r and 2023

Perkara Item	Peratus Per cent (%)	
	2021 ^r	2023
Kadar terhadap guna tenaga <i>Rate to employment</i>	12.4	11.6
Tiada pendidikan rasmi <i>No formal education</i>	28.0	23.7
Rendah <i>Primary</i>	31.6	23.9
Menengah <i>Secondary</i>	14.0	13.4
Tertiari <i>Tertiary</i>	4.3	5.2

2.8a Guna tenaga dalam sektor informal termasuk pertanian mengikut sijil tertinggi, 2021^r dan 2023

Employment in the informal sector include agriculture by highest certificate obtained, 2021^r and 2023

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)	
	2021 ^r	2023	2021 ^r	2023
Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector include agriculture</i>	1,833.3	1,834.5	100.0	100.0
SPM dan ke bawah <i>SPM and below</i>	1,388.6	1,369.8	75.7	74.7
STPM / Sijil <i>STPM / Certificate</i>	81.4	80.3	4.4	4.4
Diploma	64.4	109.5	3.5	6.0
Ijazah <i>Degree</i>	70.2	91.5	3.8	5.0
Tiada sijil / Tidak berkenaan <i>No certificate / Not applicable</i>	228.8	183.3	12.5	10.0
Guna tenaga dalam sektor termasuk pertanian <i>Employment in include agriculture sector</i>	14,825.2	15,813.4	100.0	100.0
SPM dan ke bawah <i>SPM and below</i>	8,972.0	9,474.9	60.5	59.9
STPM / Sijil <i>STPM / Certificate</i>	742.1	866.6	5.0	5.5
Diploma	1,764.5	1,774.9	11.9	11.2
Ijazah <i>Degree</i>	2,496.7	2,851.1	16.8	18.0
Tiada sijil / Tidak berkenaan <i>No certificate / Not applicable</i>	849.8	845.8	5.7	5.3

2.8b Guna tenaga dalam sektor informal termasuk pertanian mengikut sijil tertinggi, 2021^r dan 2023

Employment in the informal sector include agriculture by highest certificate obtained, 2021^r and 2023

Perkara Item	Peratus Per cent (%)	
	2021 ^r	2023
Kadar terhadap jumlah guna tenaga <i>Rate to total employment</i>	12.4	11.6
SPM dan ke bawah <i>SPM and below</i>	15.5	14.5
STPM / Sijil <i>STPM / Certificate</i>	11.0	9.3
Diploma	3.6	6.2
Ijazah <i>Degree</i>	2.8	3.2
Tiada sijil / Tidak berkenaan <i>No certificate / Not applicable</i>	26.9	21.7

2.9a Guna tenaga dalam sektor informal termasuk pertanian mengikut negeri, 2021¹ dan 2023

Employment in the informal sector include agriculture by state, 2021¹ and 2023

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)	
	2021 ¹	2023	2021 ¹	2023
Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector include agriculture</i>	1,833.3	1,834.5	100.0	100.0
Johor	177.8	196.1	9.7	10.7
Kedah	141.2	178.8	7.7	9.7
Kelantan	133.4	142.8	7.3	7.8
Melaka	30.3	30.8	1.7	1.7
Negeri Sembilan	41.4	48.7	2.3	2.7
Pahang	123.6	98.5	6.7	5.4
Pulau Pinang	66.3	66.9	3.6	3.6
Perak	139.0	117.9	7.6	6.4
Perlis	17.8	18.7	1.0	1.0
Selangor	337.5	310.2	18.4	16.9
Terengganu	90.7	80.2	4.9	4.4
Sabah	277.8	280.5	15.2	15.3
Sarawak	192.7	187.0	10.5	10.2
Wilayah Persekutuan ¹	63.8	77.5	3.5	4.2
Guna tenaga dalam sektor termasuk pertanian <i>Employment in include agriculture sector</i>	14,825.2	15,813.4	100.0	100.0
Johor	1,913.2	2,017.9	12.9	12.8
Kedah	880.1	927.5	5.9	5.9
Kelantan	618.2	661.1	4.2	4.2
Melaka	469.6	499.8	3.2	3.2
Negeri Sembilan	505.6	536.1	3.4	3.4
Pahang	672.1	720.9	4.5	4.6
Pulau Pinang	854.3	905.6	5.8	5.7
Perak	1,056.9	1,104.2	7.1	7.0
Perlis	117.4	124.9	0.8	0.8
Selangor	3,641.0	3,858.9	24.6	24.4
Terengganu	438.2	462.4	3.0	2.9
Sabah	1,469.1	1,622.2	9.9	10.3
Sarawak	1,103.4	1,192.5	7.4	7.5
Wilayah Persekutuan ¹	1,086.2	1,179.4	7.3	7.5

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

2.9b Guna tenaga dalam sektor informal termasuk pertanian mengikut negeri, 2021¹ dan 2023

Employment in the informal sector include agriculture by state, 2021¹ and 2023

Perkara Item	Peratus Per cent (%)	
	2021 ¹	2023
Kadar terhadap jumlah guna tenaga <i>Rate to total employment</i>	12.4	11.6
Johor	9.3	9.7
Kedah	16.0	19.3
Kelantan	21.6	21.6
Melaka	6.5	6.2
Negeri Sembilan	8.2	9.1
Pahang	18.4	13.7
Pulau Pinang	7.8	7.4
Perak	13.2	10.7
Perlis	15.2	15.0
Selangor	9.3	8.0
Terengganu	20.7	17.3
Sabah	18.9	17.3
Sarawak	17.5	15.7
Wilayah Persekutuan ¹	5.9	6.6

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

2.10 Guna tenaga dalam sektor informal termasuk pertanian mengikut tempat kerja, 2021¹ dan 2023

Employment in the informal sector include agriculture by workplace, 2021¹ and 2023

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)	
	2021 ¹	2023	2021 ¹	2023
Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector include agriculture</i>	1,833.3	1,834.5	100.0	100.0
Di tempat kediaman <i>At home</i>	457.2	533.3	24.9	29.1
Kilang/pejabat/bengkel/kedai/kiosk (berasingan daripada tempat kediaman) <i>Factory/office/workshop/shop/kiosk (independent from home)</i>	177.5	302.1	9.7	16.5
Pasar/gerai jalanan <i>Market/street stalls</i>	342.0	190.6	18.7	10.4
Tiada tempat tetap/khusus (mobiliti) <i>No fixed location (mobile)</i>	259.7	314.1	14.2	17.1
Di ladang/kebun/estet/bendang/laut dll (berkaitan pertanian) <i>Plantation/farm/estates/sea etc (agricultural related)</i>	596.9	494.4	32.6	26.9

BAHAGIAN B: 3. PEKERJAAN INFORMAL BUKAN PERTANIAN

*PART B:
3. INFORMAL EMPLOYMENT
EXCLUDE AGRICULTURE SECTORS*

3.1

Guna tenaga bukan pertanian bagi unit pengeluaran mengikut jantina, 2017, 2019, 2021^r dan 2023 Employment in non-agriculture for production units by sex, 2017, 2019, 2021^r and 2023

Perkara Item	Bilangan Number ('000)				Peratus Sumbangan Percentage Share (%)				Kadar terhadap jumlah guna tenaga Rate to total employment (%)			
	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023
Guna Tenaga Employment	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lelaki Male	7,650.8	7,981.6	8,023.1	8,653.7	59.6	59.0	59.8	60.2	100.0	100.0	100.0	100.0
Perempuan Female	5,190.9	5,550.7	5,393.4	5,722.3	40.4	41.0	40.2	39.8	100.0	100.0	100.0	100.0
Pekerjaan formal Formal employment	10,194.3	10,997.2	10,861.3	11,532.7	100.0	100.0	100.0	100.0	79.4	81.3	81.0	80.2
Lelaki Male	6,185.3	6,567.7	6,555.8	7,070.3	60.7	59.7	60.4	61.3	80.8	82.3	81.7	81.7
Perempuan Female	4,009.1	4,429.5	4,305.5	4,462.4	39.3	40.3	39.6	38.7	77.2	79.8	79.8	78.0
1. Sektor formal Formal sector	10,194.3	10,997.2	10,841.0	11,460.4	100.0	100.0	99.8	99.4	79.4	81.3	80.8	79.7
Lelaki Male	6,185.3	6,567.7	6,554.9	7,068.1	60.7	59.7	60.5	61.7	80.8	82.3	81.7	81.7
Perempuan Female	4,009.1	4,429.5	4,286.0	4,392.3	39.3	40.3	39.5	38.3	77.2	79.8	79.5	76.8
2. Sektor informal Informal sector	-	-	-	-	-	-	-	-	-	-	-	-
Lelaki Male	-	-	-	-	-	-	-	-	-	-	-	-
Perempuan Female	-	-	-	-	-	-	-	-	-	-	-	-
3. Isi rumah Households	0.0	0.0	20.3	72.3	0.0	0.0	0.2	0.6	0.0	0.0	0.2	0.5
Pekerjaan informal Informal employment	2,647.4	2,535.1	2,555.2	2,843.3	100.0	100.0	100.0	100.0	20.6	18.7	19.0	19.8
Lelaki Male	1,465.6	1,413.9	1,467.3	1,583.4	55.4	55.8	57.4	55.7	19.2	17.7	18.3	18.3
Perempuan Female	1,181.9	1,121.2	1,087.9	1,259.9	44.6	44.2	42.6	44.3	22.8	20.2	20.2	22.0
1. Sektor formal Formal sector	1,154.2	1,187.0	1,298.0	1,476.6	43.6	46.8	50.8	51.9	9.0	8.8	9.7	10.3
Lelaki Male	608.4	700.2	753.2	862.3	52.7	59.0	58.0	58.4	8.0	8.8	9.4	10.0
Perempuan Female	545.8	486.8	544.8	614.3	47.3	41.0	42.0	41.6	10.5	8.8	10.1	10.7
2. Sektor informal Informal sector	1,386.4	1,256.2	1,236.8	1,342.5	52.4	49.6	48.4	47.2	10.8	9.3	9.2	9.3
Lelaki Male	850.3	707.2	713.9	720.4	61.3	56.3	57.7	53.7	11.1	8.9	8.9	8.3
Perempuan Female	536.0	548.9	522.9	622.1	38.7	43.7	42.3	46.3	10.3	9.9	9.7	10.9
3. Isi rumah Households	106.9	91.9	20.3	24.2	4.0	3.6	0.8	0.8	0.8	0.7	0.2	0.2

3.2

Guna tenaga bukan pertanian bagi unit pengeluaran mengikut strata, 2017, 2019, 2021^r dan 2023 Employment in non-agriculture for production units by strata, 2017, 2019, 2021^r and 2023

Perkara Item	Bilangan Number ('000)				Peratus Sumbangan Percentage Share (%)				Kadar terhadap guna tenaga Rate to employment (%)			
	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023
Guna Tenaga Employment	12,841.7	13,532.3	13,416.4	14,375.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bandar Urban	10,886.2	11,600.3	11,554.3	12,560.0	84.8	85.7	86.1	87.4	100.0	100.0	100.0	100.0
Luar bandar Rural	1,955.5	1,932.0	1,862.2	1,815.9	15.2	14.3	13.9	12.6	100.0	100.0	100.0	100.0
Pekerjaan formal Formal employment	10,194.3	10,997.2	10,861.3	11,532.7	100.0	100.0	100.0	100.0	79.4	81.3	81.0	80.2
Bandar Urban	8,709.6	9,625.5	9,492.4	10,194.0	85.4	87.5	87.4	88.4	80.0	83.0	82.2	81.2
Luar bandar Rural	1,484.7	1,371.7	1,368.9	1,338.7	14.6	12.5	12.6	11.6	75.9	71.0	73.5	73.7
1. Sektor formal Formal sector	10,194.3	10,997.2	10,841.0	11,460.4	100.0	100.0	99.8	99.4	79.4	81.3	80.8	79.7
Bandar Urban	8,709.6	9,625.5	9,478.5	10,146.5	85.4	87.5	87.4	88.5	80.0	83.0	82.0	80.8
Luar bandar Rural	1,484.7	1,371.7	1,362.5	1,313.9	14.6	12.5	12.6	11.5	75.9	71.0	73.2	72.4
2. Sektor informal Informal sector	-	-	-	-	-	-	-	-	-	-	-	-
Bandar Urban	-	-	-	-	-	-	-	-	-	-	-	-
Luar bandar Rural	-	-	-	-	-	-	-	-	-	-	-	-
3. Isi rumah Households	0.0	0.0	20.3	72.3	0.0	0.0	0.2	0.6	0.0	0.0	0.2	0.5
Pekerjaan informal Informal employment	2,647.4	2,535.1	2,555.2	2,843.3	100.0	100.0	100.0	100.0	20.6	18.7	19.0	19.8
Bandar Urban	2,176.6	1,974.8	2,061.9	2,366.0	82.2	77.9	80.7	83.2	20.0	17.0	17.8	18.8
Luar bandar Rural	470.8	560.3	493.2	477.2	17.8	22.1	19.3	16.8	24.1	29.0	26.5	26.3
1. Sektor formal Formal sector	1,154.2	1,187.0	1,298.0	1,476.6	43.6	46.8	50.8	51.9	9.0	8.8	9.7	10.3
Bandar Urban	943.1	945.0	1,069.4	1,255.3	81.7	79.6	82.4	85.0	8.7	8.1	9.3	10.0
Luar bandar Rural	211.1	242.0	228.6	221.3	18.3	20.4	17.6	15.0	10.8	12.5	12.3	12.2
2. Sektor informal Informal sector	1,386.4	1,256.2	1,236.8	1,342.5	52.4	49.6	48.4	47.2	10.8	9.3	9.2	9.3
Bandar Urban	1,137.4	944.7	977.8	1,093.2	82.0	75.2	79.1	81.4	10.4	8.1	8.5	8.7
Luar bandar Rural	249.0	311.5	259.0	249.3	18.0	24.8	20.9	18.6	12.7	16.1	13.9	13.7
3. Isi rumah Households	106.9	91.9	20.3	24.2	4.0	3.6	0.8	0.8	0.8	0.7	0.2	0.2

3.3 Pekerjaan Informal bukan pertanian bagi unit pengeluaran mengikut taraf pekerjaan, 2017, 2019, 2021^r dan 2023

Informal Employment in non-agriculture for production units by status in employment, 2017, 2019, 2021^r and 2023

Perkara <i>Item</i>	Bilangan <i>Number ('000)</i>				Peratus Sumbangan <i>Percentage Share (%)</i>				Kadar terhadap guna tenaga <i>Rate to employment (%)</i>			
	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023
Pekerjaan informal <i>Informal employment</i>	2,647.2	2,535.1	2,555.2	2,843.3	100.0	100.0	100.0	100.0	20.6	18.7	19.0	19.8
Majikan <i>Employer</i>	30.1	28.2	31.5	27.9	1.1	1.1	1.2	1.0	5.6	5.3	6.8	5.0
Pekerja <i>Employee</i>	1,213.3	1,238.1	1,293.2	1,439.2	47.7	48.5	50.6	50.6	12.7	11.7	11.8	12.4
Bekerja sendiri <i>Own account worker</i>	963.7	901.0	869.4	969.0	36.4	35.5	34.0	34.1	49.2	43.5	54.6	52.4
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	440.1	367.9	361.1	407.2	14.8	14.9	14.1	14.3	100.0	100.0	100.0	100.0
1. Sektor formal <i>Formal sector</i>	1,153.2	1,187.0	1,298.0	1,476.6	100.0	100.0	100.0	100.0	9.0	8.8	9.7	10.3
Majikan <i>Employer</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pekerja <i>Employee</i>	824.9	931.1	1,042.4	1,185.0	75.8	77.7	80.3	80.3	8.8	8.7	9.5	10.2
Bekerja sendiri <i>Own account worker</i>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	328.3	255.9	255.6	291.6	24.2	22.3	19.7	19.7	71.4	70.3	70.8	71.6
2. Sektor informal <i>Informal sector</i>	1,386.4	1,256.3	1,236.8	1,342.5	100.0	100.0	100.0	100.0	10.8	9.3	9.2	9.3
Majikan <i>Employer</i>	30.1	28.2	31.5	27.9	2.2	2.2	2.5	2.1	5.6	5.3	6.8	5.0
Pekerja <i>Employee</i>	282.2	215.3	230.4	230.1	20.4	17.1	18.6	17.1	2.8	2.0	2.1	2.0
Bekerja sendiri <i>Own account worker</i>	962.3	900.8	869.4	969.0	69.4	71.7	70.3	72.2	49.1	43.4	54.6	52.4
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	111.8	112.0	105.5	115.5	8.1	8.9	8.5	8.6	28.6	29.7	29.2	28.4
3. Isi rumah <i>Households</i>	107.6	91.9	20.3	24.2	100.0	100.0	100.0	100.0	0.8	0.7	0.2	0.2

3.4 Pekerjaan Informal bukan pertanian bagi unit pengeluaran mengikut industri, 2017, 2019, 2021^r dan 2023

Informal Employment in non-agriculture for production units by industry, 2017, 2019, 2021^r and 2023

Perkara <i>Item</i>	Bilangan <i>Number ('000)</i>				Peratus Sumbangan <i>Percentage Share (%)</i>				Kadar terhadap guna tenaga <i>Rate to employment (%)</i>			
	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023
Pekerjaan informal <i>Informal employment</i>	2,647.4	2,535.1	2,555.2	2,843.3	100.0	100.0	100.0	100.0	20.6	18.7	19.0	19.8
Pembuatan <i>Manufacturing</i>	488.2	342.0	373.1	425.3	18.4	13.5	14.6	15.0	19.4	13.1	15.1	16.4
Pembinaan <i>Construction</i>	391.8	442.5	344.2	392.5	14.8	17.5	13.5	13.8	31.1	35.5	29.5	30.6
Perkhidmatan <i>Services</i>	1,636.5	1,643.8	1,803.3	1,986.4	61.8	64.8	70.6	69.9	18.8	17.7	19.0	19.6
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal <i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	576.6	573.9	723.8	805.9	21.8	22.6	28.3	28.3	23.2	22.0	26.5	26.9
Pengangkutan dan penyimpanan <i>Transportation and storage</i>	101.1	76.0	121.5	130.8	3.8	3.0	4.8	4.6	15.4	11.2	17.5	17.8
Penginapan dan aktiviti perkhidmatan makanan dan minuman <i>Accommodation and food and beverage service activities</i>	450.8	609.3	596.9	650.2	17.0	24.0	23.4	22.9	34.1	39.3	41.2	40.8
Aktiviti pentadbiran dan khidmat sokongan <i>Administrative and support service activities</i>	142.6	114.6	101.9	97.8	5.4	4.5	4.0	3.4	21.1	14.2	12.7	11.0
Aktiviti kesihatan kemanusiaan dan kerja sosial <i>Human health and social work activities</i>	136.3	121.8	76.4	92.4	5.1	4.8	3.0	3.2	23.2	23.1	12.7	14.7
Aktiviti perkhidmatan lain <i>Other services activities</i>	229.1	148.2	182.7	209.2	8.7	5.8	7.2	7.4	7.7	4.7	5.7	6.3
Lain-lain <i>Others</i>	130.8	106.7	34.6	39.1	4.9	4.2	1.4	1.4	37.5	29.5	12.0	11.0

3.4 Pekerjaan Informal bukan pertanian bagi unit pengeluaran mengikut industri, 2017, 2019, 2021^r dan 2023 (samb.)

Informal Employment in non-agriculture for production units by industry, 2017, 2019, 2021^r and 2023 (cont.)

Perkara Item	Bilangan Number ('000)				Peratus Sumbangan Percentage Share (%)				Kadar terhadap guna tenaga Rate to employment (%)			
	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023
1. Sektor formal Formal sector	1,154.2	1,187.0	1,298.0	1,476.6	100.0	100.0	100.0	100.0	9.0	8.8	9.7	10.3
Pembuatan Manufacturing	246.8	141.7	152.8	201.5	21.4	11.9	11.8	13.6	9.8	5.4	6.2	7.8
Pembinaan Construction	115.0	204.8	171.8	204.9	10.0	17.3	13.2	13.9	9.1	16.4	14.7	15.9
Perkhidmatan Services	776.5	831.6	965.2	1,062.8	67.3	70.1	74.4	72.0	8.9	8.9	10.2	10.5
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	293.2	311.5	413.1	447.1	25.4	26.2	31.8	30.3	11.8	12.0	15.1	14.9
Pengangkutan dan penyimpanan Transportation and storage	52.3	31.1	52.0	66.3	4.5	2.6	4.0	4.5	7.9	4.6	7.5	9.0
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	228.1	385.9	330.5	356.3	19.8	32.5	25.5	24.1	17.2	24.9	22.8	22.4
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	58.6	34.3	45.1	46.3	5.1	2.9	3.5	3.1	8.7	4.2	5.6	5.2
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	21.4	8.5	12.1	13.7	1.9	0.7	0.9	0.9	3.6	1.6	2.0	2.2
Aktiviti perkhidmatan lain Other services activities	122.8	60.4	112.5	133.1	10.6	5.1	8.7	9.0	4.1	1.9	3.5	4.0
Lain-lain Others	15.9	8.9	8.3	7.4	1.4	0.7	0.6	0.5	4.5	2.5	2.9	2.1

3.4 Pekerjaan Informal bukan pertanian bagi unit pengeluaran mengikut industri, 2017, 2019, 2021^r dan 2023 (samb.)

Informal Employment in non-agriculture for production units by industry, 2017, 2019, 2021^r and 2023 (cont.)

Perkara Item	Bilangan Number ('000)				Peratus Sumbangan Percentage Share (%)				Kadar terhadap guna tenaga Rate to employment (%)			
	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023
2. Sektor informal Informal sector	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	10.8	9.3	9.2	9.3
Pembuatan Manufacturing	241.4	200.4	220.3	223.8	17.4	16.0	17.8	16.7	9.6	7.7	8.9	8.6
Pembinaan Construction	276.9	237.7	172.5	187.6	20.0	18.9	13.9	14.0	22.0	19.1	14.8	14.6
Perkhidmatan Services	860.0	812.2	838.1	923.5	62.0	64.7	67.8	68.8	9.9	8.7	8.8	9.1
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	283.4	262.4	310.8	358.8	20.4	20.9	25.1	26.7	11.4	10.1	11.4	12.0
Pengangkutan dan penyimpanan Transportation and storage	48.8	44.9	69.5	64.5	3.5	3.6	5.6	4.8	7.4	6.6	10.0	8.8
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	222.6	223.4	266.4	293.9	16.1	17.8	21.5	21.9	16.8	14.4	18.4	18.5
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	84.0	80.2	56.8	51.5	6.1	6.4	4.6	3.8	12.4	9.9	7.1	5.8
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	114.8	113.3	64.3	78.7	8.3	9.0	5.2	5.9	19.5	21.5	10.7	12.6
Aktiviti perkhidmatan lain Other services activities	106.3	87.9	70.3	76.1	7.7	7.0	5.7	5.7	3.6	2.8	2.2	2.3
Lain-lain Others	8.1	5.9	6.0	7.5	0.6	0.5	0.5	0.6	2.3	1.6	2.1	2.1
3. Isi rumah Households	106.9	91.9	20.3	24.2	100.0	100.0	100.0	100.0	0.8	0.7	0.2	0.2

3.5 Pekerjaan Informal bukan pertanian bagi unit pengeluaran mengikut kategori pekerjaan, 2017, 2019, 2021^r dan 2023

Informal Employment in non-agriculture for production units by category of occupation, 2017, 2019, 2021^r and 2023

Perkara Item	Bilangan Number ('000)				Peratus Sumbangan Percentage Share (%)				Kadar terhadap guna tenaga Rate to employment (%)			
	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023
Pekerjaan informal <i>Informal employment</i>	2,647.4	2,535.1	2,555.2	2,843.3	100.0	100.0	100.0	100.0	20.6	18.7	19.0	19.8
Pengurus dan profesional <i>Managers and professionals</i>	102.5	83.7	116.7	146.8	3.9	3.3	4.6	5.2	4.2	3.3	4.3	5.2
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	146.9	75.4	99.5	124.0	5.5	3.0	3.9	4.4	9.7	4.8	5.4	6.6
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	1,091.9	1,182.7	1,165.1	1,347.6	41.2	46.7	45.6	47.4	34.1	34.8	34.4	36.5
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	617.2	630.1	632.5	560.8	23.3	24.9	24.8	19.7	41.0	40.3	50.7	40.4
Pekerja asas <i>Elementary occupations</i>	357.3	394.4	308.2	402.1	13.5	15.6	12.1	14.1	28.6	29.6	24.2	28.4
Lain-lain <i>Others</i>	331.7	168.7	233.1	261.9	12.5	6.7	9.1	9.2	11.3	5.4	7.8	8.3
1. Sektor formal <i>Formal sector</i>	1,154.2	1,187.0	1,298.0	1,476.6	100.0	100.0	100.0	100.0	9.0	8.8	9.7	10.3
Pengurus dan profesional <i>Managers and professionals</i>	76.5	64.6	90.8	110.9	6.6	5.4	7.0	7.5	3.1	2.5	3.4	3.9
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	105.9	40.0	57.7	76.3	9.2	3.4	4.4	5.2	7.0	2.6	3.2	4.1
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	457.5	611.7	633.3	685.6	39.6	51.5	48.8	46.4	14.3	18.0	18.7	18.6
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	127.8	182.0	199.0	213.4	11.1	15.3	15.3	14.5	8.5	11.6	16.0	15.4
Pekerja asas <i>Elementary occupations</i>	110.3	169.4	154.6	200.0	9.6	14.3	11.9	13.5	8.8	12.7	12.1	14.1
Lain-lain <i>Others</i>	276.3	119.2	162.7	190.4	23.9	10.0	12.5	12.9	9.4	3.8	5.5	6.0

3.5 Pekerjaan Informal bukan pertanian bagi unit pengeluaran mengikut kategori pekerjaan, 2017, 2019, 2021^r dan 2023 (samb.)

Informal Employment in non-agriculture for production units by category of occupation, 2017, 2019, 2021^r and 2023 (cont.)

Perkara Item	Bilangan Number ('000)				Peratus Sumbangan Percentage Share (%)				Kadar terhadap guna tenaga Rate to employment (%)			
	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023
2. Sektor informal Informal sector	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	10.8	9.3	9.2	9.3
Pengurus dan profesional Managers and professionals	26.0	19.0	26.0	35.9	1.9	1.5	2.1	2.7	1.1	0.7	1.0	1.3
Juruteknik dan profesional bersekutu Technicians and associate professionals	40.8	35.4	41.8	47.7	2.9	2.8	3.4	3.6	2.7	2.3	2.3	2.5
Pekerja perkhidmatan dan jualan Service and sales workers	631.2	567.8	531.7	661.7	45.5	45.2	43.0	49.3	19.7	16.7	15.7	17.9
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	489.4	448.0	433.5	347.4	35.3	35.7	35.1	25.9	32.5	28.7	34.8	25.0
Pekerja asas Elementary occupations	146.7	139.9	133.4	178.3	10.6	11.1	10.8	13.3	11.7	10.5	10.5	12.6
Lain-lain Others	52.3	46.0	70.4	71.5	3.8	3.7	5.7	5.3	1.8	1.5	2.4	2.3
3. Isi rumah Households	106.9	91.9	20.3	24.2	100.0	100.0	100.0	100.0	0.8	0.7	0.2	0.2

3.6 Pekerjaan Informal bukan pertanian bagi unit pengeluaran mengikut kumpulan umur, 2017, 2019, 2021^r dan 2023

Informal Employment in non-agriculture for production units by age group, 2017, 2019, 2021^r and 2023

Perkara Item	Bilangan Number ('000)				Peratus Sumbangan Percentage Share (%)				Kadar terhadap guna tenaga Rate to employment (%)			
	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023
Pekerjaan informal <i>Informal employment</i>	2,647.4	2,535.1	2,555.2	2,843.3	100.0	100.0	100.0	100.0	20.6	18.7	19.0	19.8
15 - 24	501.8	539.7	441.3	606.2	19.0	21.3	17.3	21.3	24.4	23.9	21.2	27.5
25 - 34	736.4	750.3	734.2	768.8	27.8	29.6	28.7	27.0	16.2	16.0	17.5	17.3
35 - 44	629.2	538.9	646.5	639.2	23.8	21.3	25.3	22.5	20.3	16.3	16.9	15.5
45 - 54	517.1	458.0	471.2	503.1	19.5	18.1	18.4	17.7	23.3	19.8	20.3	20.2
55 - 64	262.9	248.2	262.0	325.9	9.9	9.8	10.3	11.5	28.5	25.6	26.5	29.3
1. Sektor formal <i>Formal sector</i>	1,154.2	1,187.0	1,298.0	1,476.6	100.0	100.0	100.0	100.0	9.0	8.8	9.7	10.3
15 - 24	278.9	352.2	288.3	297.1	24.2	29.7	22.2	20.1	13.6	15.6	13.8	13.5
25 - 34	383.1	378.8	404.1	446.4	33.2	31.9	31.1	30.2	8.4	8.1	9.6	10.1
35 - 44	241.3	219.7	310.2	351.9	20.9	18.5	23.9	23.8	7.8	6.6	8.1	8.5
45 - 54	183.9	157.1	183.0	239.5	15.9	13.2	14.1	16.2	8.3	6.8	7.9	9.6
55 - 64	66.9	79.2	112.4	141.7	5.8	6.7	8.7	9.6	7.3	8.2	11.4	12.7
2. Sektor informal <i>Informal sector</i>	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	10.8	9.3	9.2	9.3
15 - 24	201.6	168.9	148.9	301.4	14.5	13.4	12.0	22.5	9.8	7.5	7.2	13.7
25 - 34	323.0	334.4	323.5	311.9	23.3	26.6	26.2	23.2	7.1	7.1	7.7	7.0
35 - 44	351.8	295.9	330.4	283.9	25.4	23.6	26.7	21.1	11.3	8.9	8.6	6.9
45 - 54	317.9	291.1	284.8	262.2	22.9	23.2	23.0	19.5	14.3	12.6	12.3	10.5
55 - 64	192.1	165.8	149.1	183.2	13.9	13.2	12.1	13.6	20.8	17.1	15.1	16.5
3. Isi rumah <i>Households</i>	106.9	91.9	20.3	24.2	100.0	100.0	100.0	100.0	0.8	0.7	0.2	0.2

3.7 Pekerjaan Informal bukan pertanian bagi unit pengeluaran mengikut pencapaian pendidikan, 2017, 2019, 2021^r dan 2023

Informal Employment in non-agriculture for production units by educational attainment, 2017, 2019, 2021^r and 2023

Perkara <i>Item</i>	Bilangan <i>Number ('000)</i>				Peratus Sumbangan <i>Percentage Share (%)</i>				Kadar terhadap guna tenaga <i>Rate to employment (%)</i>			
	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023
Pekerjaan informal <i>Informal employment</i>	2,647.4	2,535.1	2,555.2	2,843.3	100.0	100.0	100.0	100.0	20.6	18.7	19.0	19.8
Tiada pendidikan rasmi <i>No formal education</i>	73.7	153.7	98.9	122.8	2.8	6.1	3.9	4.3	32.4	50.6	35.8	44.6
Rendah <i>Primary</i>	531.4	383.3	307.9	354.7	20.1	15.1	12.1	12.5	39.7	29.5	44.0	40.4
Menengah <i>Secondary</i>	1,626.9	1,592.4	1,610.4	1,790.8	61.5	62.8	63.0	63.0	22.3	21.0	21.8	23.0
Tertiari <i>Tertiary</i>	415.4	405.7	537.9	575.0	15.7	16.0	21.1	20.2	10.4	9.3	10.7	10.6
1. Sektor formal <i>Formal sector</i>	1,154.2	1,187.0	1,298.0	1,476.6	100.0	100.0	100.0	100.0	9.0	8.8	9.7	10.3
Tiada pendidikan rasmi <i>No formal education</i>	32.5	84.4	41.8	60.5	2.8	7.1	3.2	4.1	14.3	27.8	15.1	22.0
Rendah <i>Primary</i>	143.5	136.8	109.1	153.0	12.4	11.5	8.4	10.4	10.7	10.5	15.6	17.4
Menengah <i>Secondary</i>	737.5	726.9	809.5	931.2	63.9	61.2	62.4	63.1	10.1	9.6	10.9	12.0
Tertiari <i>Tertiary</i>	240.7	238.9	337.6	331.9	20.9	20.1	26.0	22.5	6.0	5.5	6.7	6.1
2. Sektor informal <i>Informal sector</i>	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	10.8	9.3	9.2	9.3
Tiada pendidikan rasmi <i>No formal education</i>	27.9	61.2	51.0	55.5	2.0	4.9	4.1	4.1	12.3	20.1	18.4	20.2
Rendah <i>Primary</i>	349.8	212.1	195.0	192.7	25.2	16.9	15.8	14.4	26.1	16.3	27.8	21.9
Menengah <i>Secondary</i>	836.7	818.0	790.6	851.7	60.4	65.1	63.9	63.4	11.5	10.8	10.7	11.0
Tertiari <i>Tertiary</i>	171.9	164.9	200.3	242.7	12.4	13.1	16.2	18.1	4.3	3.8	4.0	4.5
3. Isi rumah <i>Households</i>	106.9	91.9	20.3	24.2	100.0	100.0	100.0	100.0	0.8	0.7	0.2	0.2

3.8 Pekerjaan Informal bukan pertanian bagi unit pengeluaran mengikut sijil tertinggi, 2017, 2019, 2021^r dan 2023

Informal Employment in non-agriculture for production units by highest certificate obtained, 2017, 2019, 2021^r and 2023

Perkara Item	Bilangan Number ('000)				Peratus Sumbangan Percentage Share (%)				Kadar terhadap guna tenaga Rate to employment (%)			
	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023
Pekerjaan informal <i>Informal employment</i>	2,647.4	2,535.1	2,555.2	2,843.3	100.0	100.0	100.0	100.0	20.6	18.7	19.0	19.8
SPM dan ke bawah <i>SPM and below</i>	1,962.9	1,854.0	1,834.3	2,049.1	74.1	73.1	71.8	72.1	24.0	21.7	23.0	24.2
STPM / Sijil <i>STPM / Certificate</i>	123.7	175.6	155.0	137.4	4.7	6.9	6.1	4.8	16.8	22.2	22.4	16.8
Diploma	153.5	125.7	154.7	212.2	5.8	5.0	6.1	7.5	11.2	8.4	8.9	12.3
Ijazah <i>Degree</i>	135.3	86.1	205.5	203.2	5.1	3.4	8.0	7.1	7.3	4.3	8.3	7.3
Tiada sijil / Tidak berkenaan <i>No certificate / Not applicable</i>	272.0	293.7	205.6	241.5	10.3	11.6	8.0	8.5	39.7	41.3	37.7	41.1
1. Sektor formal <i>Formal sector</i>	1,154.2	1,187.0	1,298.0	1,476.6	100.0	100.0	100.0	100.0	9.0	8.8	9.7	10.3
SPM dan ke bawah <i>SPM and below</i>	833.9	823.4	884.2	1,039.3	72.3	69.4	68.1	70.4	10.2	9.7	11.1	12.3
STPM / Sijil <i>STPM / Certificate</i>	63.9	119.0	85.9	75.0	5.5	10.0	6.6	5.1	8.7	15.1	12.4	9.2
Diploma	90.9	64.9	96.4	117.8	7.9	5.5	7.4	8.0	6.6	4.3	5.5	6.8
Ijazah <i>Degree</i>	83.6	44.0	138.7	126.4	7.2	3.7	10.7	8.6	4.5	2.2	5.6	4.5
Tiada sijil / Tidak berkenaan <i>No certificate / Not applicable</i>	81.8	135.7	92.8	118.1	7.1	11.4	7.2	8.0	12.0	19.1	17.0	20.1
2. Sektor informal <i>Informal sector</i>	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	10.8	9.3	9.2	9.3
SPM dan ke bawah <i>SPM and below</i>	1,051.6	958.0	937.3	999.3	75.9	76.3	75.8	74.4	12.8	11.2	11.8	11.8
STPM / Sijil <i>STPM / Certificate</i>	59.2	55.9	69.1	62.4	4.3	4.4	5.6	4.6	8.0	7.1	10.0	7.6
Diploma	61.9	59.8	58.3	94.2	4.5	4.8	4.7	7.0	4.5	4.0	3.4	5.5
Ijazah <i>Degree</i>	50.2	41.8	66.8	76.7	3.6	3.3	5.4	5.7	2.7	2.1	2.7	2.7
Tiada sijil / Tidak berkenaan <i>No certificate / Not applicable</i>	163.5	140.7	105.3	110.0	11.8	11.2	8.5	8.2	23.9	19.8	19.3	18.7
3. Isi rumah <i>Households</i>	106.9	91.9	20.3	24.2	100.0	100.0	100.0	100.0	0.8	0.7	0.2	0.2

3.9 Pekerjaan Informal bukan pertanian bagi unit pengeluaran mengikut negeri, 2017, 2019, 2021^r dan 2023

Informal Employment in non-agriculture for production units by state, 2017, 2019, 2021^r and 2023

Perkara <i>Item</i>	Bilangan <i>Number ('000)</i>				Peratus Sumbangan <i>Percentage Share (%)</i>				Kadar terhadap guna tenaga <i>Rate to employment (%)</i>			
	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023
Pekerjaan informal <i>Informal employment</i>	2,647.4	2,535.1	2,555.2	2,843.3	100.0	100.0	100.0	100.0	20.6	18.7	19.0	19.8
Johor	278.8	282.7	294.0	278.4	10.5	11.2	11.5	9.8	18.6	17.4	16.7	14.7
Kedah	245.2	191.0	176.1	225.1	9.3	7.5	6.9	7.9	31.2	24.0	22.4	27.0
Kelantan	227.9	257.0	193.6	228.3	8.6	10.1	7.6	8.0	39.6	43.3	35.3	38.3
Melaka	75.8	69.5	64.3	61.1	2.9	2.7	2.5	2.1	19.4	16.8	14.3	12.7
Negeri Sembilan	91.5	85.2	77.3	85.2	3.5	3.4	3.0	3.0	20.8	19.1	16.2	16.9
Pahang	132.3	127.3	105.7	123.3	5.0	5.0	4.1	4.3	24.3	22.3	20.3	21.8
Pulau Pinang	140.4	90.9	111.3	118.3	5.3	3.6	4.4	4.2	17.3	11.0	13.3	13.3
Perak	213.5	194.0	208.2	206.3	8.1	7.7	8.1	7.3	23.6	20.6	22.6	20.9
Perlis	17.2	28.1	25.2	30.5	0.6	1.1	1.0	1.1	19.5	28.2	24.4	26.3
Selangor	557.8	365.1	624.1	656.5	21.1	14.4	24.4	23.1	16.9	10.6	17.5	17.4
Terengganu	111.9	139.8	139.0	128.1	4.2	5.5	5.4	4.5	28.1	32.7	35.0	30.4
Sabah	269.0	417.3	248.5	350.4	10.2	16.5	9.7	12.3	21.9	29.5	22.2	28.9
Sarawak	194.7	204.8	163.6	206.3	7.4	8.1	6.4	7.3	20.4	19.8	19.2	22.3
Wilayah Persekutuan ¹	91.6	82.3	124.5	145.4	3.5	3.2	4.9	5.1	10.0	9.0	11.5	12.4
1. Sektor formal <i>Formal sector</i>	1,154.2	1,187.0	1,298.0	1,476.6	100.0	100.0	100.0	100.0	9.0	8.8	9.7	10.3
Johor	148.7	138.7	150.8	132.0	12.9	11.7	11.6	8.9	9.9	8.5	8.6	7.0
Kedah	97.6	82.1	84.1	105.7	8.5	6.9	6.5	7.2	12.4	10.3	10.7	12.7
Kelantan	92.3	124.3	98.7	119.0	8.0	10.5	7.6	8.1	16.0	20.9	18.0	20.0
Melaka	34.6	32.3	36.6	34.1	3.0	2.7	2.8	2.3	8.9	7.8	8.1	7.1
Negeri Sembilan	36.1	46.6	47.6	44.3	3.1	3.9	3.7	3.0	8.2	10.5	10.0	8.8
Pahang	66.0	68.6	61.5	67.9	5.7	5.8	4.7	4.6	12.1	12.0	11.8	12.0
Pulau Pinang	65.9	37.4	46.0	55.2	5.7	3.1	3.5	3.7	8.1	4.5	5.5	6.2
Perak	100.7	93.8	109.4	119.9	8.7	7.9	8.4	8.1	11.1	9.9	11.9	12.1
Perlis	8.5	15.8	14.5	17.7	0.7	1.3	1.1	1.2	9.6	15.9	14.0	15.2
Selangor	207.8	128.7	316.5	362.8	18.0	10.8	24.4	24.6	6.3	3.8	8.9	9.6
Terengganu	50.2	49.6	69.6	63.7	4.3	4.2	5.4	4.3	12.6	11.6	17.5	15.1
Sabah	119.4	244.1	117.0	175.9	10.3	20.6	9.0	11.9	9.7	17.3	10.4	14.5
Sarawak	92.2	106.4	86.6	107.3	8.0	9.0	6.7	7.3	9.7	10.3	10.2	11.6
Wilayah Persekutuan ¹	34.2	18.5	59.1	71.0	3.0	1.6	4.6	4.8	3.7	2.0	5.5	6.0

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

3.9 Pekerjaan Informal bukan pertanian bagi unit pengeluaran mengikut negeri, 2017, 2019, 2021^r dan 2023 (samb.)

Informal Employment in non-agriculture for production units by state, 2017, 2019, 2021^r and 2023 (cont.)

Perkara Item	Bilangan Number ('000)				Peratus Sumbangan Percentage Share (%)				Kadar terhadap guna tenaga Rate to employment (%)			
	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023	2017	2019	2021 ^r	2023
2. Sektor informal Informal sector	1,386.4	1,256.2	1,236.8	1,342.5	100.0	100.0	100.0	100.0	10.8	9.3	9.2	9.3
Johor	123.5	132.5	141.8	144.5	8.9	10.5	11.5	10.8	8.3	8.2	8.1	7.6
Kedah	143.2	106.9	90.7	119.2	10.3	8.5	7.3	8.9	18.2	13.4	11.5	14.3
Kelantan	131.6	131.2	94.7	109.3	9.5	10.4	7.7	8.1	22.8	22.1	17.3	18.3
Melaka	38.3	34.9	26.7	26.8	2.8	2.8	2.2	2.0	9.8	8.5	5.9	5.6
Negeri Sembilan	48.3	34.3	29.0	39.8	3.5	2.7	2.3	3.0	11.0	7.7	6.1	7.9
Pahang	63.6	57.5	44.1	55.5	4.6	4.6	3.6	4.1	11.7	10.1	8.5	9.8
Pulau Pinang	69.8	47.9	63.8	61.4	5.0	3.8	5.2	4.6	8.6	5.8	7.6	6.9
Perak	103.8	96.0	97.6	86.0	7.5	7.6	7.9	6.4	11.4	10.2	10.6	8.7
Perlis	8.1	11.9	10.4	12.8	0.6	1.0	0.8	1.0	9.2	12.0	10.1	11.0
Selangor	323.5	208.9	306.7	293.1	23.3	16.6	24.8	21.8	9.8	6.1	8.6	7.8
Terengganu	60.6	89.3	69.2	64.1	4.4	7.1	5.6	4.8	15.2	20.9	17.4	15.2
Sabah	132.6	155.1	123.8	157.8	9.6	12.3	10.0	11.8	10.8	11.0	11.0	13.0
Sarawak	97.3	92.0	76.0	98.5	7.0	7.3	6.1	7.3	10.2	8.9	8.9	10.7
Wilayah Persekutuan ¹	42.2	57.7	62.3	73.7	3.0	4.6	5.0	5.5	4.6	6.3	5.8	6.3
3. Isi rumah Households	106.9	91.9	20.3	24.2	100.0	100.0	100.0	100.0	0.8	0.7	0.2	0.2

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

BAHAGIAN B: 4. PEKERJAAN INFORMAL TERMASUK SEKTOR PERTANIAN

*PART B:
4. INFORMAL EMPLOYMENT
INCLUDE AGRICULTURE SECTORS*

4.1

Guna tenaga termasuk pertanian bagi unit pengeluaran mengikut jantina, 2021^r dan 2023
Employment include agriculture for production units by sex, 2021^r and 2023

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)		Kadar terhadap jumlah guna tenaga Rate to total employment (%)	
	2021 ^r	2023	2021 ^r	2023	2021 ^r	2023
Guna Tenaga Employment	14,825.2	15,813.4	100.0	100.0	100.0	100.0
Lelaki Male	9,194.6	9,849.5	62.0	62.3	100.0	100.0
Perempuan Female	5,630.6	5,963.8	38.0	37.7	100.0	100.0
Pekerjaan formal Formal employment	11,576.4	12,362.9	100.0	100.0	78.1	78.2
Lelaki Male	7,150.9	7,746.4	61.8	62.7	77.8	78.6
Perempuan Female	4,425.5	4,616.5	38.2	37.3	78.6	77.4
1. Sektor formal Formal sector	11,556.1	12,290.6	99.8	99.4	77.9	77.7
Lelaki Male	7,150.0	7,744.2	61.9	63.0	77.8	78.6
Perempuan Female	4,406.1	4,546.4	38.1	37.0	78.3	76.2
2. Sektor informal Informal sector	-	-	-	-	-	-
Lelaki Male	-	-	-	-	-	-
Perempuan Female	-	-	-	-	-	-
3. Isi rumah Households	20.3	72.3	0.2	0.6	0.1	0.5
Pekerjaan informal Informal employment	3,248.7	3,450.5	100.0	100.0	21.9	21.8
Lelaki Male	2,043.7	2,103.1	62.9	61.0	22.2	21.4
Perempuan Female	1,205.0	1,347.3	37.1	39.0	21.4	22.6
1. Sektor formal Formal sector	1,395.1	1,591.9	42.9	46.1	9.4	10.1
Lelaki Male	832.8	955.4	59.7	60.0	9.1	9.7
Perempuan Female	562.3	636.4	40.3	40.0	10.0	10.7
2. Sektor informal Informal sector	1,833.3	1,834.5	56.4	53.2	12.4	11.6
Lelaki Male	1,210.8	1,147.1	66.0	62.5	13.2	11.6
Perempuan Female	622.6	687.3	34.0	37.5	11.1	11.5
3. Isi rumah Households	20.3	24.2	0.6	0.7	0.1	0.2

4.2

Guna tenaga termasuk pertanian bagi unit pengeluaran mengikut strata, 2021^r dan 2023
Employment include agriculture for production units by strata, 2021^r and 2023

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)		Kadar terhadap guna tenaga Rate to employment (%)	
	2021 ^r	2023	2021 ^r	2023	2021 ^r	2023
Guna Tenaga <i>Employment</i>	14,825.2	15,813.4	100.0	100.0	100.0	100.0
Bandar Urban	12,043.1	13,082.3	81.2	82.7	100.0	100.0
Luar bandar Rural	2,782.1	2,731.1	18.8	17.3	100.0	100.0
Pekerjaan formal <i>Formal employment</i>	11,576.4	12,362.9	100.0	100.0	78.1	78.2
Bandar Urban	9,786.1	10,499.5	84.5	84.9	81.3	80.3
Luar bandar Rural	1,790.3	1,863.4	15.5	15.1	64.4	68.2
1. Sektor formal <i>Formal sector</i>	11,556.1	12,290.6	99.8	99.4	77.9	77.7
Bandar Urban	9,772.2	10,452.0	84.6	85.0	81.1	79.9
Luar bandar Rural	1,783.9	1,838.6	15.4	15.0	64.1	67.3
2. Sektor informal <i>Informal sector</i>	-	-	-	-	-	-
Bandar Urban	-	-	-	-	-	-
Luar bandar Rural	-	-	-	-	-	-
3. Isi rumah <i>Households</i>	20.3	72.3	0.2	0.6	0.1	0.5
Pekerjaan informal <i>Informal employment</i>	3,248.7	3,450.5	100.0	100.0	21.9	21.8
Bandar Urban	2,257.0	2,582.8	69.5	74.9	18.7	19.7
Luar bandar Rural	991.7	867.7	30.5	25.1	35.6	31.8
1. Sektor formal <i>Formal sector</i>	1,395.1	1,591.9	42.9	46.1	9.4	10.1
Bandar Urban	1,112.0	1,299.9	79.7	81.7	9.2	9.9
Luar bandar Rural	283.1	292.0	20.3	18.3	10.2	10.7
2. Sektor informal <i>Informal sector</i>	1,833.3	1,834.5	56.4	53.2	12.4	11.6
Bandar Urban	1,130.3	1,265.3	61.7	69.0	9.4	9.7
Luar bandar Rural	703.0	569.1	38.3	31.0	25.3	20.8
3. Isi rumah <i>Households</i>	20.3	24.2	0.6	0.7	0.1	0.2

4.3 Pekerjaan informal termasuk pertanian bagi unit pengeluaran mengikut taraf pekerjaan, 2021^r dan 2023

Informal employment include agriculture for production units by status in employment, 2021^r and 2023

Perkara <i>Item</i>	Bilangan <i>Number ('000)</i>		Peratus Sumbangan <i>Percentage Share (%)</i>		Kadar terhadap guna tenaga <i>Rate to employment (%)</i>	
	2021 ^r	2023	2021 ^r	2023	2021 ^r	2023
Pekerjaan informal <i>Informal employment</i>	3,248.7	3,450.5	100.0	100.0	21.9	21.8
Majikan <i>Employer</i>	36.9	33.0	1.1	1.0	7.3	5.7
Pekerja <i>Employee</i>	1,463.9	1,639.6	45.1	47.5	12.5	13.2
Bekerja sendiri <i>Own account worker</i>	1,281.5	1,337.6	39.4	38.8	59.4	56.3
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	466.4	440.3	14.4	12.8	100.0	100.0
1. Sektor formal <i>Formal sector</i>	1,395.1	1,591.9	100.0	100.0	9.4	10.1
Majikan <i>Employer</i>	-	-	-	-	-	-
Pekerja <i>Employee</i>	1,126.1	1,294.2	80.7	81.3	9.6	10.4
Bekerja sendiri <i>Own account worker</i>	-	-	-	-	-	-
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	269.0	297.7	19.3	18.7	57.7	67.6
2. Sektor informal <i>Informal sector</i>	1,833.3	1,834.5	100.0	100.0	12.4	11.6
Majikan <i>Employer</i>	36.9	33.0	2.0	1.8	7.3	5.7
Pekerja <i>Employee</i>	317.5	321.3	17.3	17.5	2.7	2.6
Bekerja sendiri <i>Own account worker</i>	1,281.5	1,337.6	69.9	72.9	59.4	56.3
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	197.4	142.6	10.8	7.8	42.3	32.4
3. Isi rumah <i>Households</i>	20.3	24.2	100.0	100.0	0.1	0.2

4.4 Pekerjaan informal termasuk pertanian bagi unit pengeluaran mengikut industri, 2021^r dan 2023

Informal employment include agriculture for production units by industry, 2021^r and 2023

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)		Kadar terhadap guna tenaga Rate to employment (%)	
	2021 ^r	2023	2021 ^r	2023	2021 ^r	2023
Pekerjaan informal <i>Informal employment</i>	3,248.7	3,450.5	100.0	100.0	21.9	21.8
Pertanian <i>Agriculture</i>	693.6	607.2	21.3	17.6	49.2	42.2
Pembuatan <i>Manufacturing</i>	373.1	425.3	11.5	12.3	15.1	16.4
Pembinaan <i>Construction</i>	344.2	392.5	10.6	11.4	29.5	30.6
Perkhidmatan <i>Services</i>	1,803.3	1,986.4	55.5	57.6	19.0	19.6
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal <i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	723.8	805.9	22.3	23.4	26.5	26.9
Pengangkutan dan penyimpanan <i>Transportation and storage</i>	121.5	130.8	3.7	3.8	17.5	17.8
Penginapan dan aktiviti perkhidmatan makanan dan minuman <i>Accommodation and food and beverage service activities</i>	596.9	650.2	18.4	18.8	41.2	40.8
Aktiviti pentadbiran dan khidmat sokongan <i>Administrative and support service activities</i>	101.9	97.8	3.1	2.8	12.7	11.0
Aktiviti kesihatan kemanusiaan dan kerja sosial <i>Human health and social work activities</i>	76.4	92.4	2.4	2.7	12.7	14.7
Aktiviti perkhidmatan lain <i>Other services activities</i>	182.7	209.2	5.6	6.1	5.7	6.3
Lain-lain <i>Others</i>	34.6	39.1	1.1	1.1	12.0	11.0

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4.4 Pekerjaan informal termasuk pertanian bagi unit pengeluaran mengikut industri, 2021^r dan 2023 (samb.)

Informal employment include agriculture for production units by industry, 2021^r and 2023 (cont.)

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)		Kadar terhadap guna tenaga Rate to employment (%)	
	2021 ^r	2023	2021 ^r	2023	2021 ^r	2023
1. Sektor formal <i>Formal sector</i>	1,395.1	1,591.9	100.0	100.0	9.4	10.1
Pertanian <i>Agriculture</i>	97.1	115.3	7.0	7.2	6.9	8.0
Pembuatan <i>Manufacturing</i>	152.8	201.5	10.9	12.7	6.2	7.8
Pembinaan <i>Construction</i>	171.8	204.9	12.3	12.9	14.7	15.9
Perkhidmatan <i>Services</i>	965.2	1,062.8	69.2	66.8	10.2	10.5
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal <i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	413.1	447.1	29.6	28.1	15.1	14.9
Pengangkutan dan penyimpanan <i>Transportation and storage</i>	52.0	66.3	3.7	4.2	7.5	9.0
Penginapan dan aktiviti perkhidmatan makanan dan minuman <i>Accommodation and food and beverage service activities</i>	330.5	356.3	23.7	22.4	22.8	22.4
Aktiviti pentadbiran dan khidmat sokongan <i>Administrative and support service activities</i>	45.1	46.3	3.2	2.9	5.6	5.2
Aktiviti kesihatan kemanusiaan dan kerja sosial <i>Human health and social work activities</i>	12.1	13.7	0.9	0.9	2.0	2.2
Aktiviti perkhidmatan lain <i>Other services activities</i>	112.5	133.1	8.1	8.4	3.5	4.0
Lain-lain <i>Others</i>	8.3	7.4	0.6	0.5	2.9	2.1

4.4 Pekerjaan informal termasuk pertanian bagi unit pengeluaran mengikut industri, 2021^r dan 2023 (samb.)

Informal employment include agriculture for production units by industry, 2021^r and 2023 (cont.)

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)		Kadar terhadap guna tenaga Rate to employment (%)	
	2021 ^r	2023	2021 ^r	2023	2021 ^r	2023
2. Sektor informal Informal sector	1,833.3	1,834.5	100.0	100.0	12.4	11.6
Pertanian Agriculture	596.5	492.0	32.5	26.8	42.3	34.2
Pembuatan Manufacturing	220.3	223.8	12.0	12.2	8.9	8.6
Pembinaan Construction	172.5	187.6	9.4	10.2	14.8	14.6
Perkhidmatan Services	838.1	923.5	45.7	50.3	8.8	9.1
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	310.8	358.8	17.0	19.6	11.4	12.0
Pengangkutan dan penyimpanan Transportation and storage	69.5	64.5	3.8	3.5	10.0	8.8
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	266.4	293.9	14.5	16.0	18.4	18.5
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	56.8	51.5	3.1	2.8	7.1	5.8
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	64.3	78.7	3.5	4.3	10.7	12.6
Aktiviti perkhidmatan lain Other services activities	70.3	76.1	3.8	4.1	2.2	2.3
Lain-lain Others	6.0	7.5	0.3	0.4	2.1	2.1
3. Isi rumah Households	20.3	24.2	100.0	100.0	0.1	0.2

4.5 Pekerjaan informal termasuk pertanian bagi unit pengeluaran mengikut kategori pekerjaan, 2021^r dan 2023

Informal employment include agriculture for production units by category of occupation, 2021^r and 2023

Pekerja Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)		Kadar terhadap guna tenaga Rate to employment (%)	
	2021 ^r	2023	2021 ^r	2023	2021 ^r	2023
Pekerjaan informal <i>Informal employment</i>	3,248.7	3,450.5	100.0	100.0	21.9	21.8
Pengurus dan profesional <i>Managers and professionals</i>	124.5	165.6	3.8	4.8	4.5	5.7
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	103.9	128.6	3.2	3.7	5.6	6.7
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	1,173.4	1,363.5	36.1	39.5	34.1	36.4
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	638.1	562.1	19.6	16.3	50.7	40.1
Pekerja asas <i>Elementary occupations</i>	432.9	716.3	13.3	20.8	24.3	36.6
Lain-lain <i>Others</i>	776.0	514.4	23.9	14.9	20.8	13.2
1. Sektor formal <i>Formal sector</i>	1,395.1	1,591.9	100.0	100.0	9.4	10.1
Pengurus dan profesional <i>Managers and professionals</i>	92.6	114.0	6.6	7.2	3.4	3.9
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	60.0	78.7	4.3	4.9	3.2	4.1
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	638.1	692.3	45.7	43.5	18.6	18.5
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	202.3	213.7	14.5	13.4	16.1	15.2
Pekerja asas <i>Elementary occupations</i>	211.2	262.2	15.1	16.5	11.9	13.4
Lain-lain <i>Others</i>	190.8	231.1	13.7	14.5	5.1	5.9

4.5 Pekerjaan informal termasuk pertanian bagi unit pengeluaran mengikut kategori pekerjaan, 2021^r dan 2023 (samb.)

Informal employment include agriculture for production units by category of occupation, 2021^r and 2023 (cont.)

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)		Kadar terhadap guna tenaga Rate to employment (%)	
	2021 ^r	2023	2021 ^r	2023	2021 ^r	2023
2. Sektor informal Informal sector	1,833.3	1,834.5	100.0	100.0	12.4	11.6
Pengurus dan profesional Managers and professionals	31.9	51.6	1.7	2.8	1.2	1.8
Juruteknik dan profesional bersekutu Technicians and associate professionals	43.9	49.9	2.4	2.7	2.4	2.6
Pekerja perkhidmatan dan jualan Service and sales workers	535.1	670.8	29.2	36.6	15.6	17.9
Pekerja kemahiran dan pekerja pertukangan yang berkaitan Craft and related trades workers	435.9	348.4	23.8	19.0	34.6	24.8
Pekerja asas Elementary occupations	201.4	430.3	11.0	23.5	11.3	22.0
Lain-lain Others	585.1	283.4	31.9	15.4	15.7	7.3
3. Isi rumah Households	20.3	24.2	100.0	100.0	0.1	0.2

4.6 Pekerjaan informal termasuk pertanian bagi unit pengeluaran mengikut kumpulan umur, 2021^r dan 2023

Informal employment include agriculture for production units by age group, 2021^r and 2023

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)		Kadar terhadap guna tenaga Rate to employment (%)	
	2021 ^r	2023	2021 ^r	2023	2021 ^r	2023
Pekerjaan informal <i>Informal employment</i>	3,248.7	3,450.5	100.0	100.0	21.9	21.8
15 - 24	519.6	679.3	16.0	19.7	22.9	28.3
25 - 34	881.0	904.0	27.1	26.2	19.1	18.6
35 - 44	803.5	783.3	24.7	22.7	19.1	17.4
45 - 54	623.3	636.4	19.2	18.4	24.4	23.2
55 - 64	421.4	447.5	13.0	13.0	35.2	34.1
1. Sektor formal <i>Formal sector</i>	1,395.1	1,591.9	100.0	100.0	9.4	10.1
15 - 24	301.2	317.1	21.6	19.9	13.3	13.2
25 - 34	435.2	481.8	31.2	30.3	9.5	9.9
35 - 44	332.5	376.8	23.8	23.7	7.9	8.4
45 - 54	199.1	262.3	14.3	16.5	7.8	9.5
55 - 64	127.1	153.9	9.1	9.7	10.6	11.7
2. Sektor informal <i>Informal sector</i>	1,833.3	1,834.5	100.0	100.0	12.4	11.6
15 - 24	214.2	354.5	11.7	19.3	9.4	14.8
25 - 34	439.2	411.7	24.0	22.4	9.5	8.5
35 - 44	465.2	403.1	25.4	22.0	11.1	9.0
45 - 54	420.9	372.6	23.0	20.3	16.5	13.6
55 - 64	293.8	292.5	16.0	15.9	24.6	22.3
3. Isi rumah <i>Households</i>	20.3	24.2	100.0	100.0	0.1	0.2

4.7 Pekerjaan informal termasuk pertanian bagi unit pengeluaran mengikut pencapaian pendidikan, 2021^r dan 2023

Informal employment include agriculture for production units by educational attainment, 2021^r and 2023

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)		Kadar terhadap guna tenaga Rate to employment (%)	
	2021 ^r	2023	2021 ^r	2023	2021 ^r	2023
Pekerjaan informal <i>Informal employment</i>	3,248.7	3,450.5	100.0	100.0	21.9	21.8
Tiada pendidikan rasmi <i>No formal education</i>	178.9	172.5	5.5	5.0	43.0	45.6
Rendah <i>Primary</i>	491.6	496.1	15.1	14.4	44.2	39.1
Menengah <i>Secondary</i>	2,014.9	2,147.7	62.0	62.2	24.7	25.1
Tertiari <i>Tertiary</i>	563.3	634.1	17.3	18.4	10.9	11.3
1. Sektor formal <i>Formal sector</i>	1,395.1	1,591.9	100.0	100.0	9.4	10.1
Tiada pendidikan rasmi <i>No formal education</i>	56.4	75.9	4.0	4.8	13.6	20.1
Rendah <i>Primary</i>	136.6	183.5	9.8	11.5	12.3	14.5
Menengah <i>Secondary</i>	860.7	991.5	61.7	62.3	10.6	11.6
Tertiari <i>Tertiary</i>	341.3	341.0	24.5	21.4	6.6	6.1
2. Sektor informal <i>Informal sector</i>	1,833.3	1,834.5	100.0	100.0	12.4	11.6
Tiada pendidikan rasmi <i>No formal education</i>	116.3	89.8	6.3	4.9	28.0	23.7
Rendah <i>Primary</i>	351.1	303.6	19.2	16.5	31.6	23.9
Menengah <i>Secondary</i>	1,143.9	1,148.3	62.4	62.6	14.0	13.4
Tertiari <i>Tertiary</i>	222.0	292.8	12.1	16.0	4.3	5.2
3. Isi rumah <i>Households</i>	20.3	24.2	100.0	100.0	0.1	0.2

4.8 Pekerjaan informal termasuk pertanian bagi unit pengeluaran mengikut sijil tertinggi, 2021^r dan 2023

Informal employment include agriculture for production units by highest certificate obtained, 2021^r and 2023

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)		Kadar terhadap guna tenaga Rate to employment (%)	
	2021 ^r	2023	2021 ^r	2023	2021 ^r	2023
Pekerjaan informal <i>Informal employment</i>	3,248.7	3,450.5	100.0	100.0	21.9	21.8
SPM dan ke bawah <i>SPM and below</i>	2,353.0	2,496.8	72.4	72.4	26.2	26.4
STPM / Sijil <i>STPM / Certificate</i>	168.0	159.5	5.2	4.6	22.6	18.2
Diploma	161.8	231.5	5.0	6.7	9.2	13.0
Ijazah <i>Degree</i>	210.4	220.4	6.5	6.4	8.4	7.7
Tiada sijil / Tidak berkenaan <i>No certificate / Not applicable</i>	355.5	342.3	10.9	9.9	41.8	40.5
1. Sektor formal <i>Formal sector</i>	1,395.1	1,591.9	100.0	100.0	9.4	10.1
SPM dan ke bawah <i>SPM and below</i>	951.6	1,117.7	68.2	70.2	10.6	11.8
STPM / Sijil <i>STPM / Certificate</i>	86.7	78.1	6.2	4.9	11.7	9.0
Diploma	97.4	121.8	7.0	7.7	5.5	6.9
Ijazah <i>Degree</i>	140.2	128.7	10.1	8.1	5.6	4.5
Tiada sijil / Tidak berkenaan <i>No certificate / Not applicable</i>	119.2	145.6	8.5	9.1	14.0	17.2
2. Sektor informal <i>Informal sector</i>	1,833.3	1,834.5	100.0	100.0	12.4	11.6
SPM dan ke bawah <i>SPM and below</i>	1,388.6	1,368.7	75.7	74.6	15.5	14.4
STPM / Sijil <i>STPM / Certificate</i>	81.4	81.4	4.4	4.4	11.0	9.4
Diploma	64.4	109.5	3.5	6.0	3.6	6.2
Ijazah <i>Degree</i>	70.2	91.5	3.8	5.0	2.8	3.2
Tiada sijil / Tidak berkenaan <i>No certificate / Not applicable</i>	228.8	183.3	12.5	10.0	26.9	21.7
3. Isi rumah <i>Households</i>	20.3	24.2	100.0	100.0	0.1	0.2

4.9 Pekerjaan informal termasuk pertanian bagi unit pengeluaran mengikut negeri, 2021¹ dan 2023

Informal employment include agriculture for production units by state, 2021¹ and 2023

Perkara <i>Item</i>	Bilangan <i>Number ('000)</i>		Peratus Sumbangan <i>Percentage Share (%)</i>		Kadar terhadap guna tenaga <i>Rate to employment (%)</i>	
	2021 ¹	2023	2021 ¹	2023	2021 ¹	2023
Pekerjaan informal <i>Informal employment</i>	3,248.7	3,450.5	100.0	100.0	21.9	21.8
Johor	341.2	334.3	10.5	9.7	17.8	16.6
Kedah	230.7	287.8	7.1	8.3	26.2	31.0
Kelantan	238.2	267.0	7.3	7.7	38.5	40.4
Melaka	71.2	66.1	2.2	1.9	15.2	13.2
Negeri Sembilan	90.8	97.3	2.8	2.8	18.0	18.1
Pahang	190.2	189.5	5.9	5.5	28.3	26.3
Pulau Pinang	115.2	125.3	3.5	3.6	13.5	13.8
Perak	258.8	247.3	8.0	7.2	24.5	22.4
Perlis	33.4	36.8	1.0	1.1	28.5	29.5
Selangor	663.3	681.1	20.4	19.7	18.2	17.7
Terengganu	162.7	146.4	5.0	4.2	37.1	31.7
Sabah	442.6	512.4	13.6	14.8	30.1	31.6
Sarawak	284.3	310.0	8.8	9.0	25.8	26.0
Wilayah Persekutuan ¹	126.1	149.1	3.9	4.3	11.6	12.6
1. Sektor formal <i>Formal sector</i>	1,395.1	1,591.9	100.0	100.0	9.4	10.1
Johor	162.1	136.2	11.6	8.6	8.5	6.7
Kedah	88.2	108.8	6.3	6.8	10.0	11.7
Kelantan	104.7	124.1	7.5	7.8	16.9	18.8
Melaka	39.9	35.2	2.9	2.2	8.5	7.0
Negeri Sembilan	48.6	47.5	3.5	3.0	9.6	8.9
Pahang	66.5	91.0	4.8	5.7	9.9	12.6
Pulau Pinang	47.4	56.8	3.4	3.6	5.5	6.3
Perak	118.6	129.0	8.5	8.1	11.2	11.7
Perlis	15.3	18.0	1.1	1.1	13.1	14.4
Selangor	325.0	370.4	23.3	23.3	8.9	9.6
Terengganu	71.9	66.0	5.2	4.1	16.4	14.3
Sabah	157.0	215.3	11.3	13.5	10.7	13.3
Sarawak	90.6	122.5	6.5	7.7	8.2	10.3
Wilayah Persekutuan ¹	59.3	71.0	4.2	4.5	5.5	6.0

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

4.9 Pekerjaan informal termasuk pertanian bagi unit pengeluaran mengikut negeri, 2021¹ dan 2023 (samb.)

Informal employment include agriculture for production units by state, 2021¹ and 2023 (cont.)

Perkara Item	Bilangan Number ('000)		Peratus Sumbangan Percentage Share (%)		Kadar terhadap guna tenaga Rate to employment (%)	
	2021 ¹	2023	2021 ¹	2023	2021 ¹	2023
2. Sektor informal Informal sector	1,833.3	1,834.5	100.0	100.0	12.4	11.6
Johor	177.8	196.1	9.7	10.7	9.3	9.7
Kedah	141.2	178.8	7.7	9.7	16.0	19.3
Kelantan	133.4	142.8	7.3	7.8	21.6	21.6
Melaka	30.3	30.8	1.7	1.7	6.5	6.2
Negeri Sembilan	41.4	48.7	2.3	2.7	8.2	9.1
Pahang	123.6	98.5	6.7	5.4	18.4	13.7
Pulau Pinang	66.3	66.9	3.6	3.6	7.8	7.4
Perak	139.0	117.9	7.6	6.4	13.2	10.7
Perlis	17.8	18.7	1.0	1.0	15.2	15.0
Selangor	337.5	310.2	18.4	16.9	9.3	8.0
Terengganu	90.7	80.2	4.9	4.4	20.7	17.3
Sabah	277.8	280.5	15.2	15.3	18.9	17.3
Sarawak	192.7	187.0	10.5	10.2	17.5	15.7
Wilayah Persekutuan ¹	63.8	77.5	3.5	4.2	5.9	6.6
3. Isi rumah Households	20.3	24.2	100.0	100.0	0.1	0.2

¹Bilangan pekerjaan informal dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya
Number of informal employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya.

BAHAGIAN C: RALAT PIAWAI RELATIF

*PART C:
RELATIVE STANDARD ERROR*

1

Ralat piawai relatif bagi guna tenaga dalam sektor informal bukan pertanian mengikut negeri, 2023
Relative standard error of estimates for employment in the informal sector in non-agriculture by state, 2023

Negeri State	Guna tenaga dalam sektor informal bukan pertanian <i>Employment in the informal sector in non-agriculture</i>	Ralat piawaian bagi anggaran <i>Standard error of estimates</i>		Guna tenaga dalam sektor informal bukan pertanian pada 95% selang keyakinan <i>Employment in the informal sector in non-agriculture at 95% confidence interval</i>		
	('000)	Nilai relatif <i>Relative value</i>	Ralat piawai <i>Standard error</i>	('000)		
		(%)				
Malaysia	1,342.5	0.9	11.7	1,319.6	-	1,365.4
Johor	144.5	2.2	3.2	138.2	-	150.8
Kedah	119.2	3.4	4.1	111.2	-	127.2
Kelantan	109.3	1.7	1.8	105.7	-	112.8
Melaka	26.8	4.0	1.1	24.7	-	28.9
Negeri Sembilan	39.8	4.0	1.6	36.7	-	42.9
Pahang	55.5	2.1	1.2	53.2	-	57.8
Pulau Pinang	61.4	3.3	2.0	57.5	-	65.4
Perak	86.0	2.5	2.1	81.8	-	90.1
Perlis	12.8	5.2	0.7	11.5	-	14.1
Selangor	293.1	1.9	5.6	282.2	-	304.0
Terengganu	64.1	2.8	1.8	60.6	-	67.5
Sabah	157.8	4.3	6.7	144.6	-	171.0
Sarawak	98.5	2.2	2.1	94.3	-	102.7
Wilayah Persekutuan ¹	73.7	3.9	2.9	68.1	-	79.4

¹Guna tenaga dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya / *Employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya*
²Bilangan guna tenaga dalam sektor informal adalah terlalu kecil untuk dibuat anggaran / *The number of employment in the informal sector were too small to estimate*

2 Ralat piawai relatif bagi guna tenaga dalam sektor informal bukan pertanian mengikut taraf pekerjaan, 2023

Relative standard error of estimates for employment in the informal sector in non-agriculture by status in employment, 2023

Taraf pekerjaan <i>Status in employment</i>	Guna tenaga dalam sektor informal bukan pertanian <i>Employment in the informal sector in non-agriculture</i>	Ralat piawaian bagi anggaran <i>Standard error of estimates</i>		Guna tenaga dalam sektor informal bukan pertanian pada 95% selang keyakinan <i>Employment in the informal sector in non-agriculture at 95% confidence interval</i>		
		Nilai relatif <i>Relative value</i>	Ralat piawai <i>Standard error</i>			
	('000)	(%)	('000)			
Majikan <i>Employer</i>	27.9	7.7	2.1	23.7	-	32.1
Pekerja <i>Employee</i>	230.1	2.3	5.3	219.6	-	240.6
Bekerja sendiri <i>Own account worker</i>	969.0	1.0	9.8	949.7	-	988.2
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	115.5	6.1	7.0	101.8	-	129.2

3 Ralat piawai relatif bagi guna tenaga dalam sektor informal bukan pertanian mengikut kategori pekerjaan, 2023

Relative standard error of estimates for employment in the informal sector in non-agriculture by category of occupation, 2023

Kategori pekerjaan <i>Category of occupation</i>	Guna tenaga dalam sektor informal bukan pertanian <i>Employment in the informal sector in non-agriculture</i>	Ralat piawaian bagi anggaran <i>Standard error of estimates</i>		Guna tenaga dalam sektor informal bukan pertanian pada 95% selang keyakinan <i>Employment in the informal sector in non-agriculture at 95% confidence interval</i>		
		Nilai relatif <i>Relative value</i>	Ralat piawai <i>Standard error</i>			
	('000)	(%)	('000)			
Pengurus dan Profesional <i>Managers and Professionals</i>	35.9	7.2	2.6	30.8	-	41.0
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	47.7	7.2	3.5	40.9	-	54.4
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	661.7	1.5	10.0	642.1	-	681.2
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	347.4	2.1	7.4	332.8	-	362.0
Pekerja asas <i>Elementary occupations</i>	178.3	4.0	7.1	164.3	-	192.3
Lain-lain <i>Others</i>	71.5	5.2	3.7	64.3	-	78.7

4

Ralat piawai relatif bagi guna tenaga dalam sektor informal bukan pertanian mengikut industri, 2023
Relative standard error of estimates for employment in the informal sector in non-agriculture by industry, 2023

Industri <i>Industry</i>	Guna tenaga dalam sektor informal bukan pertanian <i>Employment in the informal sector in non-agriculture</i>	Ralat piawaian bagi anggaran <i>Standard error of estimates</i>		Guna tenaga dalam sektor informal bukan pertanian pada 95% selang keyakinan <i>Employment in the informal sector in non-agriculture at 95% confidence interval</i>		
	(‘000)	Nilai relatif <i>Relative value</i>	Ralat piawai <i>Standard error</i>			
		(%)	(‘000)			(‘000)
Pembuatan <i>Manufacturing</i>	223.8	2.7	6.0	212.1	-	235.5
Pembinaan <i>Construction</i>	187.6	4.0	7.5	173.0	-	202.2
Perkhidmatan <i>Services</i>	923.5	1.1	10.5	903.0	-	944.0
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal <i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	358.8	2.2	7.8	343.6	-	374.1
Pengangkutan dan penyimpanan <i>Transportation and storage</i>	64.5	6.3	4.0	56.6	-	72.5
Penginapan dan aktiviti perkhidmatan makanan dan minuman <i>Accommodation and food and beverage service activities</i>	293.9	2.8	8.3	277.7	-	310.2
Aktiviti pentadbiran dan khidmat sokongan <i>Administrative and support service activities</i>	51.5	5.9	3.0	45.5	-	57.4
Aktiviti kesihatan kemanusiaan dan kerja sosial <i>Human health and social work activities</i>	78.7	3.9	3.1	72.6	-	84.7
Aktiviti perkhidmatan lain <i>Other services activities</i>	76.1	5.1	3.8	68.5	-	83.6
Lain-lain <i>Others</i>	7.5	18.1	1.4	4.9	-	10.2

5 Ralat piawai relatif bagi guna tenaga dalam sektor informal termasuk pertanian mengikut negeri, 2023

Relative standard error of estimates for employment in the informal sector including agriculture by state, 2023

Negeri State	Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector including agriculture</i>	Ralat piawaian bagi anggaran <i>Standard error of estimates</i>		Guna tenaga dalam sektor informal termasuk pertanian pada 95% selang keyakinan <i>Employment in the informal sector including agriculture at 95% confidence interval</i>		
	('000)	Nilai relatif <i>Relative value</i>	Ralat piawai <i>Standard error</i>	('000)		
		(%)	('000)			
Malaysia	1,834.5	0.7	13.6	1,807.7	-	1,861.2
Johor	196.1	2.1	4.2	188.0	-	204.3
Kedah	178.8	2.4	4.4	170.2	-	187.3
Kelantan	142.8	1.6	2.3	138.3	-	147.2
Melaka	30.8	4.5	1.4	28.1	-	33.5
Negeri Sembilan	48.7	3.5	1.7	45.3	-	52.1
Pahang	98.5	1.9	1.9	94.8	-	102.3
Pulau Pinang	66.9	3.4	2.3	62.4	-	71.4
Perak	117.9	2.2	2.6	112.8	-	122.9
Perlis	18.7	4.0	0.7	17.3	-	20.2
Selangor	310.2	1.9	5.9	298.6	-	321.7
Terengganu	80.2	2.7	2.2	75.9	-	84.4
Sabah	280.5	2.9	8.1	264.5	-	296.4
Sarawak	187.0	1.6	3.1	180.9	-	193.0
Wilayah Persekutuan ¹	77.5	3.7	2.9	71.8	-	83.1

¹Guna tenaga dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya / *Employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya*
²Bilangan guna tenaga dalam sektor informal adalah terlalu kecil untuk dibuat anggaran / *The number of employment in the informal sector were too small to estimate*

6 Ralat piawai relatif bagi guna tenaga dalam sektor informal termasuk pertanian mengikut taraf pekerjaan, 2023 Relative standard error of estimates for employment in the informal sector including agriculture by status in employment, 2023

Taraf pekerjaan <i>Status in employment</i>	Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector including agriculture</i>	Ralat piawaian bagi anggaran <i>Standard error of estimates</i>		Guna tenaga dalam sektor informal termasuk pertanian pada 95% selang keyakinan <i>Employment in the informal sector including agriculture at 95% confidence interval</i>		
	('000)	Nilai relatif <i>Relative value</i>	Ralat piawai <i>Standard error</i>	('000)		
		(%)				
Majikan <i>Employer</i>	33.0	7.1	2.4	28.4	-	37.6
Pekerja <i>Employee</i>	321.3	2.0	6.4	308.7	-	333.9
Bekerja sendiri <i>Own account worker</i>	1,337.6	0.8	11.4	1,315.3	-	1,359.8
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	142.6	5.5	7.8	127.3	-	158.0

7 Ralat piawai relatif bagi guna tenaga dalam sektor informal termasuk pertanian mengikut kategori pekerjaan, 2023 Relative standard error of estimates for employment in the informal sector including agriculture by category of occupation, 2023

Kategori pekerjaan <i>Category of occupation</i>	Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector including agriculture</i>	Ralat piawaian bagi anggaran <i>Standard error of estimates</i>		Guna tenaga dalam sektor informal termasuk pertanian pada 95% selang keyakinan <i>Employment in the informal sector including agriculture at 95% confidence interval</i>		
	('000)	Nilai relatif <i>Relative value</i>	Ralat piawai <i>Standard error</i>	('000)		
		(%)				
Pengurus dan Profesional <i>Managers and Professionals</i>	51.6	6.1	3.1	45.5	-	57.8
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	49.9	7.1	3.5	43.0	-	56.8
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	670.8	1.5	10.4	650.5	-	691.2
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	348.4	2.2	7.6	333.5	-	363.3
Pekerja asas <i>Elementary occupations</i>	430.3	2.1	9.2	412.2	-	448.4
Lain-lain <i>Others</i>	283.4	2.2	6.2	271.2	-	295.6

8 Ralat piawai relatif bagi guna tenaga dalam sektor informal termasuk pertanian mengikut industri, 2023

Relative standard error of estimates for employment in the informal sector including agriculture by industry, 2023

Industri <i>Industry</i>	Guna tenaga dalam sektor informal termasuk pertanian <i>Employment in the informal sector including agriculture</i>	Ralat piawaian bagi anggaran <i>Standard error of estimates</i>		Guna tenaga dalam sektor informal termasuk pertanian pada 95% selang keyakinan <i>Employment in the informal sector including agriculture at 95% confidence interval</i>		
	('000)	Nilai relatif <i>Relative value</i>	Ralat piawai <i>Standard error</i>	('000)		
Pertanian <i>Agriculture</i>	492.0	1.7	8.1	476.0		507.9
Pembuatan <i>Manufacturing</i>	223.8	2.7	6.0	212.0	-	235.6
Pembinaan <i>Construction</i>	187.6	4.0	7.5	172.9	-	202.4
Perkhidmatan <i>Services</i>	923.5	1.2	11.1	901.8	-	945.2
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal <i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>	358.8	2.2	7.9	343.3	-	374.3
Pengangkutan dan penyimpanan <i>Transportation and storage</i>	64.5	6.3	4.1	56.6	-	72.5
Penginapan dan aktiviti perkhidmatan makanan dan minuman <i>Accommodation and food and beverage service activities</i>	293.9	2.8	8.4	277.5	-	310.3
Aktiviti pentadbiran dan khidmat sokongan <i>Administrative and support service activities</i>	51.5	5.9	3.0	45.5	-	57.4
Aktiviti kesihatan kemanusiaan dan kerja sosial <i>Human health and social work activities</i>	78.7	3.9	3.1	72.6	-	84.8
Aktiviti perkhidmatan lain <i>Other services activities</i>	76.1	5.1	3.9	68.5	-	83.7
Lain-lain <i>Others</i>	7.5	18.1	1.4	4.9	-	10.2

9

Ralat piawai relatif bagi pekerjaan informal bukan pertanian mengikut negeri, 2023
Relative standard error of estimates for informal employment in non-agriculture by state, 2023

Negeri State	Pekerjaan informal bukan pertanian <i>Informal employment in non-agriculture</i>	Ralat piawaian bagi anggaran <i>Standard error of estimates</i>		Pekerjaan informal bukan pertanian pada 95% selang keyakinan <i>Informal employment in non-agriculture at 95% confidence interval</i>		
	('000)	Nilai relatif <i>Relative value</i>	Ralat piawai <i>Standard error</i>			
		(%)	('000)			
Malaysia	2,843.3	0.7	20.5	2,803.1	-	2,883.5
Johor	278.4	2.3	6.3	266.1	-	290.8
Kedah	225.1	2.6	5.8	213.7	-	236.5
Kelantan	228.3	1.6	3.7	221.1	-	235.6
Melaka	61.1	3.4	2.1	57.0	-	65.2
Negeri Sembilan	85.2	2.8	2.4	80.4	-	89.9
Pahang	123.3	1.8	2.3	118.9	-	127.8
Pulau Pinang	118.3	2.8	3.4	111.7	-	124.9
Perak	206.3	2.7	5.5	195.5	-	217.1
Perlis	30.5	3.9	1.2	28.2	-	32.8
Selangor	656.5	1.6	10.6	635.7	-	677.4
Terengganu	128.1	2.1	2.7	122.7	-	133.4
Sabah	350.4	3.1	10.9	329.0	-	371.7
Sarawak	206.3	1.9	4.0	198.4	-	214.2
Wilayah Persekutuan ¹	145.4	3.0	4.4	136.7	-	154.0

¹Guna tenaga dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya / *Employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya*
²Bilangan guna tenaga dalam sektor informal adalah terlalu kecil untuk dibuat anggaran / *The number of employment in the informal sector were too small to estimate*

10 Ralat piawai relatif bagi pekerjaan informal bukan pertanian mengikut taraf pekerjaan, 2023

Relative standard error of estimates for informal employment in non-agriculture by status in employment, 2023

Taraf pekerjaan <i>Status in employment</i>	Pekerjaan informal bukan pertanian <i>Informal employment in non-agriculture</i>	Ralat piawaian bagi anggaran <i>Standard error of estimates</i>		Pekerjaan informal bukan pertanian pada 95% selang keyakinan <i>Informal employment in non-agriculture at 95% confidence interval</i>		
		Nilai relatif <i>Relative value</i>	Ralat piawai <i>Standard error</i>			
	('000)	(%)	('000)			
Majikan <i>Employer</i>	27.9	7.7	2.2	23.7	-	32.1
Pekerja <i>Employee</i>	1,439.2	1.3	18.2	1,403.5	-	1,475.0
Bekerja sendiri <i>Own account worker</i>	969.0	1.3	12.8	943.8	-	994.1
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	407.2	2.6	10.8	386.0	-	428.3

11 Ralat piawai relatif bagi pekerjaan informal bukan pertanian mengikut kategori pekerjaan, 2023

Relative standard error of estimates for informal employment in non-agriculture by category of occupation, 2023

Kategori pekerjaan <i>Category of occupation</i>	Pekerjaan informal bukan pertanian <i>Informal employment in non-agriculture</i>	Ralat piawaian bagi anggaran <i>Standard error of estimates</i>		Pekerjaan informal bukan pertanian pada 95% selang keyakinan <i>Informal employment in non-agriculture at 95% confidence interval</i>		
		Nilai relatif <i>Relative value</i>	Ralat piawai <i>Standard error</i>			
	('000)	(%)	('000)			
Pengurus dan Profesional <i>Managers and Professionals</i>	146.8	4.2	6.2	134.5	-	159.0
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	124.0	4.8	5.9	112.4	-	135.6
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	1,347.6	1.2	16.2	1,315.8	-	1,379.4
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	560.8	1.9	10.7	539.9	-	581.7
Pekerja asas <i>Elementary occupations</i>	402.1	2.9	11.6	379.4	-	424.8
Lain-lain <i>Others</i>	261.9	2.8	7.3	247.6	-	276.2

12 Ralat piawai relatif bagi pekerjaan informal bukan pertanian mengikut industri, Malaysia, 2023

Relative standard error of estimates for informal employment in non-agriculture by industry, Malaysia, 2023

Industri Industry	Pekerjaan informal bukan pertanian Informal employment in non-agriculture	Ralat piawaian bagi anggaran Standard error of estimates		Pekerjaan informal bukan pertanian pada 95% selang keyakinan Informal employment in non-agriculture at 95% confidence interval		
		Nilai relatif Relative value	Ralat piawai Standard error			
	('000)	(%)	('000)	('000)		
Pembuatan Manufacturing	425.3	2.2	9.2	407.2	-	443.4
Pembinaan Construction	392.5	2.8	11.0	371.0	-	414.0
Perkhidmatan Services	1,986.4	0.9	18.1	1,950.8	-	2,021.9
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	805.9	1.7	13.9	778.7	-	833.1
Pengangkutan dan penyimpanan Transportation and storage	130.8	4.3	5.7	119.7	-	141.9
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	650.2	1.9	12.5	625.7	-	674.7
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	97.8	4.8	4.7	88.7	-	107.0
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	92.4	3.8	3.6	85.4	-	99.3
Aktiviti perkhidmatan lain Other services activities	209.2	3.3	6.8	195.8	-	222.6
Lain-lain Others	39.1	9.1	3.5	32.2	-	46.0

13 Ralat piawai relatif bagi pekerjaan informal termasuk pertanian mengikut negeri, Malaysia, 2023

Relative standard error of estimates for informal employment including agriculture sector by state, Malaysia, 2023

Negeri State	Pekerjaan informal termasuk pertanian Informal sector including agriculture (‘000)	Ralat piawaian bagi anggaran Standard error of estimates		Pekerjaan informal termasuk pertanian pada 95% selang keyakinan Informal sector including agriculture at 95% confidence interval		
		Nilai relatif Relative value (%)	Ralat piawai Standard error (‘000)			
Malaysia	3,450.5	0.7	22.4	3,406.5	-	3,494.5
Johor	334.3	2.1	6.9	320.8	-	347.8
Kedah	287.8	2.1	6.1	275.8		299.8
Kelantan	267.0	1.5	4.0	259.1	-	274.8
Melaka	66.1	3.4	2.3	61.7	-	70.6
Negeri Sembilan	97.3	2.7	2.6	92.1	-	102.4
Pahang	189.5	1.6	3.0	183.7	-	195.4
Pulau Pinang	125.3	2.8	3.5	118.4	-	132.3
Perak	247.3	2.4	5.9	235.8	-	258.9
Perlis	36.8	3.4	1.2	34.4	-	39.3
Selangor	681.1	1.6	10.9	659.8	-	702.4
Terengganu	146.4	2.1	3.1	140.4	-	152.4
Sabah	512.4	2.5	12.7	487.5	-	537.3
Sarawak	310.0	1.6	5.0	300.2	-	319.8
Wilayah Persekutuan ¹	149.1	3.0	4.4	140.5	-	157.7

¹Guna tenaga dalam sektor informal termasuk W.P. Kuala Lumpur, W.P. Labuan dan W.P. Putrajaya / Employment in the informal sector include W.P. Kuala Lumpur, W.P. Labuan and W.P. Putrajaya
²Bilangan guna tenaga dalam sektor informal adalah terlalu kecil untuk dibuat anggaran / The number of employment in the informal sector were too small to estimate

14 Ralat piawai relatif bagi pekerjaan informal termasuk pertanian mengikut taraf pekerjaan, Malaysia, 2023

Relative standard error of estimates for informal employment including agriculture by status in employment, Malaysia, 2023

Taraf pekerjaan <i>Status in employment</i>	Pekerjaan informal termasuk pertanian <i>Informal sector including agriculture</i>	Ralat piawaian bagi anggaran <i>Standard error of estimates</i>		Pekerjaan informal termasuk pertanian pada 95% selang keyakinan <i>Informal sector including agriculture at 95% confidence interval</i>		
		Nilai relatif <i>Relative value</i>	Ralat piawai <i>Standard error</i>			
	('000)	(%)	('000)	('000)		
Majikan <i>Employer</i>	33.0	7.2	2.4	28.4	-	37.7
Pekerja <i>Employee</i>	1,639.6	1.2	19.5	1,601.3	-	1,677.9
Bekerja sendiri <i>Own account worker</i>	1,337.6	1.1	14.3	1,309.6	-	1,365.6
Pekerja keluarga tanpa gaji <i>Unpaid family worker</i>	440.3	2.6	11.4	418.0	-	462.7

15 Ralat piawai relatif bagi pekerjaan informal termasuk pertanian mengikut kategori pekerjaan, Malaysia, 2023

Relative standard error of estimates for informal employment including agriculture by category of occupation, Malaysia, 2023

Taraf pekerjaan <i>Status in employment</i>	Pekerjaan informal termasuk pertanian <i>Informal sector including agriculture</i>	Ralat piawaian bagi anggaran <i>Standard error of estimates</i>		Pekerjaan informal termasuk pertanian pada 95% selang keyakinan <i>Informal sector including agriculture at 95% confidence interval</i>		
		Nilai relatif <i>Relative value</i>	Ralat piawai <i>Standard error</i>			
	('000)	(%)	('000)	('000)		
Pengurus dan Profesional <i>Managers and Professionals</i>	165.6	3.9	6.5	152.8	-	178.4
Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	128.6	4.7	6.0	116.8	-	140.4
Pekerja perkhidmatan dan jualan <i>Service and sales workers</i>	1363.5	1.2	16.6	1330.9	-	1396.1
Pekerja kemahiran dan pekerja pertukangan yang berkaitan <i>Craft and related trades workers</i>	562.1	1.9	10.8	541.0	-	583.2
Pekerja asas <i>Elementary occupations</i>	716.3	1.9	13.8	689.2	-	743.3
Lain-lain <i>Others</i>	514.4	1.8	9.2	496.4	-	532.5

16 Ralat piawai relatif bagi pekerjaan informal termasuk pertanian mengikut industri, Malaysia, 2023

Relative standard error of estimates for informal employment including agriculture by industry, Malaysia, 2023

Industri Industry	Pekerjaan informal termasuk pertanian Informal sector including agriculture	Ralat piawaian bagi anggaran Standard error of estimates		Pekerjaan informal termasuk pertanian pada 95% selang keyakinan Informal sector including agriculture at 95% confidence interval		
		Nilai relatif Relative value	Ralat piawai Standard error			
	('000)	(%)	('000)	('000)		
Pertanian Agriculture	607.2	1.6	9.7	588.2	-	626.2
Pembuatan Manufacturing	425.3	2.2	9.3	407.0	-	443.5
Pembinaan Construction	392.5	2.8	11.0	370.9	-	414.2
Perkhidmatan Services	1986.4	0.9	18.8	1949.5	-	2023.2
Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal Wholesale and retail trade; repair of motor vehicles and motorcycles	805.9	1.7	14.0	778.4	-	833.5
Pengangkutan dan penyimpanan Transportation and storage	130.8	4.3	5.7	119.7	-	141.9
Penginapan dan aktiviti perkhidmatan makanan dan minuman Accommodation and food and beverage service activities	650.2	1.9	12.6	625.5	-	675.0
Aktiviti pentadbiran dan khidmat sokongan Administrative and support service activities	97.8	4.8	4.7	88.7	-	107.0
Aktiviti kesihatan kemanusiaan dan kerja sosial Human health and social work activities	92.4	3.9	3.6	85.4	-	99.4
Aktiviti perkhidmatan lain Other services activities	209.2	3.3	6.8	195.8	-	222.6
Lain-lain Others	39.1	9.1	3.5	32.1	-	46.1

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BAHAGIAN D: NOTA TEKNIKAL

*PART D:
TECHNICAL NOTES*

1. PENGENALAN

1.1 Statistik yang diterbitkan dalam laporan ini adalah berdasarkan Survei Sektor Informal yang dilaksanakan oleh Jabatan Perangkaan Malaysia (DOSM). Survei ini dilaksanakan berdasarkan garis panduan dan syor *International Labour Organization (ILO)* dengan merujuk kepada *Measuring Informality: A Statistical Manual on the Informal Sector and Informal Employment*.

1.2 Survei Sektor Informal dilaksanakan bersepadu dengan Survei Tenaga Buruh (STB) yang dijalankan pada setiap bulan dari bulan Julai hingga Disember untuk menyediakan statistik guna tenaga dalam sektor informal peringkat nasional. Bermula 2013, survei ini dilaksanakan secara dwi-tahunan. Pendekatan yang lengkap dan sistematik dalam pengumpulan dan prosesan data dikekalkan dari semasa ke semasa dengan tujuan untuk mendapatkan perbandingan statistik siri masa.

1.3 Nota teknikal ini menyediakan penerangan terperinci mengenai konsep, definisi dan metodologi yang digunakan dalam pelaksanaan Survei Sektor Informal bagi membantu pengguna untuk memahami dengan lebih mendalam berkaitan profil guna tenaga dalam sektor informal yang dipungut melalui pendekatan isi rumah.

2. OBJEKTIF SURVEI

2.1 Objektif utama Survei Sektor Informal adalah untuk mendapatkan profil guna tenaga dalam sektor informal berdasarkan ciri-ciri demografi dan sosioekonomi.

2.2 Di samping itu, ianya bertujuan untuk mendapatkan anggaran saiz guna tenaga dalam sektor informal yang merupakan input bagi mengukur sumbangan sektor informal kepada Keluaran Dalam Negeri Kasar (KDNK) melalui kaedah Labour Input Method. Hal ini adalah selaras dengan hasrat untuk memastikan sumbangan aktiviti non-observed dapat diukur dan seterusnya diambil kira dalam penyusunan KDNK sesebuah negara.

3. KAEDAH PENGUMPULAN DATA

3.1 Survei Sektor Informal menggunakan kaedah temu ramah bersemuka dengan responden. Dalam tempoh survei, penemuramah terlatih melawat tempat kediaman (TK) terpilih untuk memperoleh maklumat demografi semua ahli isi rumah dan maklumat terperinci berkaitan butir-butir guna tenaga sektor informal bagi ahli isi rumah yang berumur 15 tahun dan lebih.

3.2 Semakan kerja luar dibuat bagi mengesan kemungkinan maklumat tertinggal serta membetulkan sebarang kesilapan semasa survei ini dijalankan. Di samping itu, isi rumah terpilih juga ditemu ramah semula untuk menyemak kualiti operasi pungutan data.

3.3 Sebanyak 25 peratus daripada sampel terpilih diulang temu ramah menggunakan kaedah *Computer-Assisted Telephone Interview (CATI)*.

4. SOAL SELIDIK

4.1 Soal selidik survei direka bentuk untuk mengumpul maklumat ahli isi rumah berumur 15 tahun dan lebih yang bekerja sebagai majikan, pekerja swasta, bekerja sendiri dan pekerja keluarga tanpa gaji. Ahli isi rumah tersebut akan ditanya maklumat mengenai ciri-ciri pertubuhan di mana ahli isi rumah tersebut bekerja seperti berikut:

- i. bilangan pekerja di pertubuhan ahli isi rumah bekerja
 - ii. status pendaftaran pertubuhan
 - iii. bentuk pendaftaran pertubuhan
 - iv. status pertubuhan sama ada berorientasikan keuntungan atau tidak (contoh seperti pertubuhan bukan Kerajaan (NGO) atau pertubuhan sosial, dll)
- 4.2 Bagi ahli isi rumah bertaraf pekerja swasta, maklumat berikut akan ditanyakan:
- i. bekerja melalui perjanjian atau kontrak bertulis
 - ii. faedah pekerjaan yang diterima seperti caruman di Kumpulan Wang Simpanan Pekerja (KWSP), caruman di Pertubuhan Keselamatan Sosial (PERKESO), cuti tahunan, cuti sakit dan cuti bersalin bergaji (maternity dan paternity)
- 4.3 Maklumat demografi dan sosioekonomi ahli isi rumah pula diambil daripada soal selidik STB.

5. TEMPOH RUJUKAN

Tempoh rujukan survei adalah sama seperti STB iaitu merujuk kepada tujuh hari (minggu) sebelum tarikh permulaan temu ramah iaitu 1–7, 8–14 dan 15–21 hari bulan bagi bulan berkenaan.

6. SKOP DAN LIPUTAN

6.1 Populasi survei dalam Survei Sektor Informal adalah sama seperti mana STB iaitu meliputi kawasan bandar dan luar bandar bagi semua negeri di Malaysia.

6.2 Definisi populasi survei meliputi penduduk yang tinggal di tempat kediaman (TK) persendirian dan tidak termasuk mereka yang tinggal di TK institusi seperti hotel, asrama, hospital, penjara, rumah tumpangan dan pekerja yang tinggal di rumah kongsi.

6.3 Tiada pengubahsuaian dilakukan untuk mengasingkan penduduk yang tinggal di TK institusi daripada anggaran penduduk pertengahan tahun selepas banci, walaupun Survei Sektor Informal tidak meliputi penduduk yang tinggal di TK institusi. Berdasarkan Banci Penduduk dan Perumahan 2010, penduduk yang tinggal di TK institusi adalah kurang daripada empat peratus daripada jumlah penduduk. Peratusan ini adalah kecil dan tidak mempengaruhi anggaran statistik daripada Survei Sektor Informal.

6.4 Survei ini merangkumi semua pekerjaan yang dilakukan pada tempoh rujukan dan maklumat sektor informal hanya mengambil kira pekerjaan utama sahaja.

6.5 Bagi tujuan survei ini, ahli biasa sesuatu isi rumah yang bertaraf guna tenaga berumur 15 tahun dan lebih mesti memenuhi syarat berikut:

- i. bukan pekerja kerajaan
- ii. bekerja dalam semua sektor kecuali sektor Pertanian, perhutanan dan perikanan

6.6 Bagi kebanyakan negara, aktiviti pertanian dan yang berkaitan tidak termasuk dalam skop statistik sektor informal. Bagi tujuan pengumpulan data yang lebih praktikal,

15th International Conference of Labour Statisticians (ICLS) menyarankan supaya mereka yang terlibat dengan aktiviti pertanian dan yang berkaitan (*ISIC Rev. 4 Category A: Agriculture, forestry and fishing*) dikecualikan daripada skop Penyiasatan Sektor Informal dan diukur secara berasingan.

6.7 Di negara membangun seperti Malaysia, aktiviti pertanian adalah sangat meluas dan kebanyakannya dijalankan oleh isi rumah tidak berdaftar dan beroperasi secara kecil-kecilan. Dengan memasukkan aktiviti pertanian ke dalam pengukuran sektor informal, ia akan membebaskan operasi pengumpulan data. Tambahan pula, satu sistem bagi pengukuran aktiviti pertanian telah ditubuhkan yang merangkumi maklumat individu atau sekumpulan individu yang terlibat dalam aktiviti pertanian dan yang berkaitan. Oleh yang demikian, aktiviti pertanian ini sesuai diliputi dalam banci/penyiasatan pertanian.

6.8 Bagi tujuan analisis, Survei Sektor Informal mengambil kira penduduk dalam umur bekerja 15 hingga 64 tahun. Ini bersesuaian dengan STB yang menggunakan kumpulan umur tersebut bagi mengukur penduduk yang aktif dalam ekonomi.

7. RANGKA PENSAMPELAN

7.1 Rangka pensampelan yang digunakan bagi pemilihan sampel Survei Sektor Informal 2017 adalah berdasarkan Rangka Pensampelan Isi Rumah yang terdiri daripada blok penghitungan (BP) yang diwujudkan untuk Banci Penduduk dan Perumahan 2010 yang dikemas kini dari semasa ke semasa.

7.2 BP merupakan suatu kawasan muka bumi yang diwujudkan untuk tujuan pelaksanaan operasi yang secara puratanya mengandungi antara 80 hingga 120 TK. Semua BP dibentuk dalam lingkungan sempadan yang diwartakan iaitu di dalam mukim atau kawasan majlis tempatan.

7.3 BP dalam rangka pensampelan dikelaskan mengikut kawasan bandar dan luar bandar.

i. Kawasan bandar

Kawasan yang diwartakan serta kawasan tepu bina yang bersempadan dengannya dan gabungan kedua-dua kawasan ini mempunyai penduduk seramai 10,000 orang atau lebih semasa Banci Penduduk dan Perumahan 2010.

> Kawasan tepu bina

Kawasan yang terletak bersebelahan kawasan yang diwartakan dan mempunyai sekurang-kurangnya 60 peratus penduduk (berumur 15 tahun dan lebih) yang terlibat dalam aktiviti bukan pertanian.

Kawasan bandar juga mengambil kira kawasan pembangunan khusus iaitu kawasan pembangunan yang tidak diwartakan dan boleh dikenal pasti serta terpisah dari kawasan yang diwartakan atau kawasan tepu bina melebihi 5 km dan mempunyai penduduk sekurang-kurangnya 10,000 orang dengan 60 peratus penduduk (berumur 15 tahun dan lebih) terlibat dalam aktiviti bukan pertanian.

ii. Kawasan luar bandar

Kawasan selain yang diwartakan dan mempunyai jumlah penduduk kurang daripada 10,000 orang serta kawasan yang tidak diwartakan.

7.4 Pembandaran merupakan proses yang dinamik dan sentiasa berubah mengikut kemajuan dan pembangunan. Oleh itu, kawasan bandar bagi Banci Penduduk dan Perumahan 2000 dan 2010 tidak semestinya merujuk kepada kawasan yang sama kerana kawasan yang memenuhi kriteria bandar akan terus bertambah dan berkembang mengikut masa.

8. REKA BENTUK PENSAMPELAN

8.1 Reka bentuk pensampelan berstrata dua peringkat telah digunakan iaitu:

- i. Strata utama: strata bandar dan luar bandar; dan
- ii. Strata kedua: negeri dan daerah pentadbiran di dalam strata utama.

8.2 Pemilihan sampel dua peringkat telah dilaksanakan dan sampel telah dipilih secara rawak. Unit pensampelan peringkat pertama ialah BP, sementara unit peringkat kedua ialah TK di dalam BP tersebut. TK terpilih meliputi semua isi rumah dan ahli yang tinggal di dalamnya. Di setiap peringkat pemilihan, unit-unit telah dipilih secara sistematik dengan kebarangkalian yang sama dalam strata kedua.

9. SAIZ SAMPEL

9.1 Saiz sampel survei perlu mewakili populasi mengikut keperluan peringkat analisis yang ditetapkan. Saiz sampel survei ini telah mengambil kira elemen berikut:

- i. kadar respon daripada penyiasatan yang lepas
- ii. peringkat reka bentuk pensampelan
- iii. ralat yang disasarkan

Faktor yang dipertimbangkan bagi memuktamadkan saiz sampel adalah kos, masa dan sumber manusia.

9.2 Agihan saiz sampel bagi Survei Sektor Informal 2019 adalah seperti berikut:

Negeri	Bilangan BP Terpilih	Bilangan TK Terpilih
Johor	1,152	9,216
Kedah	1,020	8,160
Kelantan	804	6,432
Melaka	468	3,744
Negeri Sembilan	732	5,856
Pahang	912	7,296
Pulau Pinang	660	5,280
Perak	1,044	8,352
Perlis	300	2,400
Selangor	1,140	9,120
Terengganu	684	5,472
Sabah	1,416	11,328
Sarawak	1,440	11,520
W.P. Kuala Lumpur	456	3,648
W.P. Labuan	132	1,056
W.P. Putrajaya	144	1,152
Malaysia	12,504	100,032

10. PROSEDUR PENGANGGARAN

10.1 Statistik penduduk mengikut ciri-ciri kumpulan umur, jantina, etnik dan negeri digunakan sebagai penanda aras dalam penyediaan statistik guna tenaga dalam sektor informal melalui teknik anggaran nisbah bergabung (*adjusted weight* dan faktor penduduk).

Adjusted weight digunakan bagi mengambil kira kes tidak respons.

Dalam reka bentuk pensampelan berperingkat, saiz sampel adalah pembolehubah rawak dan jumlah agregat yang dianggarkan daripada penyiasatan boleh menghasilkan ralat pensampelan yang tinggi. Wajaran external digunakan untuk meminimalkan ralat pensampelan dan dalam Penyiasatan Sektor Informal, wajaran external yang digunakan ialah faktor penduduk. Faktor penduduk diperolehi melalui anggaran terkini jumlah penduduk di mana ia digunakan untuk mengubahsuai kadar dan nisbah yang dianggarkan daripada penyiasatan.

10.2 Dua jenis statistik penduduk yang disediakan iaitu:

- Unjuran penduduk menunjukkan saiz dan struktur penduduk jangka panjang berasaskan andaian tertentu mengenai trend kesuburan, mortaliti dan migrasi. Statistik ini digunakan sebagai input dalam membuat perancangan dan penggubalan dasar pada masa hadapan.
- Anggaran penduduk semasa menggambarkan saiz populasi pada masa kini dan disediakan secara tahunan berasaskan data semasa kelahiran, kematian dan migrasi.

10.3 Mulai penerbitan Laporan Penyiasatan Guna Tenaga Sektor Informal 2015, statistik guna tenaga dalam sektor informal dianggarkan berasaskan anggaran penduduk pertengahan tahun 2015 berbanding pendekatan terdahulu yang menggunakan unjuran penduduk. Oleh itu, statistik 2011-2013 yang dilaporkan dalam penerbitan ini telah dikemas kini berasaskan anggaran penduduk semasa tahun berkenaan.

11. KONSEP DAN DEFINISI

11.1 Sektor Informal

Sektor informal meliputi pertubuhan informal yang memenuhi kriteria seperti berikut:

- i. Pertubuhan yang tidak berdaftar dengan Suruhanjaya Syarikat Malaysia (SSM), badan profesional atau Pihak Berkuasa Tempatan (Sabah dan Sarawak);
- ii. Semua atau sekurang-kurangnya satu barangan atau perkhidmatan adalah untuk jualan atau transaksi barter;
- iii. Saiz pekerja kurang daripada 10 orang dan tidak berdaftar di bawah perundangan; dan
- iv. Semua sektor termasuk pertanian.

> *Cut-off* 10 orang pekerja dibuat berdasarkan Akta Pembangunan Sumber Manusia 2001 yang memberikan kebenaran kepada majikan yang mempunyai pekerja kurang daripada 10 orang selama tiga bulan berturut-turut untuk membatalkan pendaftarannya dengan perbadanan dan dikecualikan daripada dikenakan levi.

11.2 Sumbangan guna tenaga dalam sektor informal

Sumbangan guna tenaga dalam sektor informal ditakrifkan sebagai guna tenaga dalam sektor bukan pertanian yang bekerja dalam sektor informal. Indikator ini dikira menggunakan formula berikut:

$$\begin{aligned} \text{Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian (\%)} &= \frac{\text{Guna tenaga dalam sektor informal}}{\text{Guna tenaga dalam sektor bukan pertanian}} \times 100 \\ \text{Sumbangan guna tenaga sektor informal daripada keseluruhan guna tenaga (\%)} &= \frac{\text{Guna tenaga dalam sektor informal}}{\text{Guna tenaga}} \times 100 \end{aligned}$$

11.3 Kadar pertumbuhan tahunan dikompaun

Pengiraan kadar pertumbuhan tahunan dikompaun adalah berdasarkan kepada fungsi eksponen seperti berikut:

$$\text{CAGR} = \frac{\ln \left(\frac{Y_t}{Y_o} \right)}{t - o} \times 100$$

di mana;

CAGR kadar pertumbuhan tahunan dikompoun

Y_t bilangan guna tenaga dalam sektor informal tahun semasa

Y_o bilangan guna tenaga dalam sektor informal tahun sebelumnya

$t - o$ tempoh masa

11.4 Isi Rumah

Isi rumah ditakrifkan sebagai seorang atau sekumpulan orang yang bersaudara atau tidak bersaudara yang biasanya tinggal bersama dan membuat peruntukan yang sama untuk makanan dan keperluan hidup lain.

11.5 Taraf pekerjaan

Merujuk kepada kedudukan atau taraf seseorang yang bekerja di dalam pertubuhan atau organisasi di mana beliau bekerja. Penduduk yang bekerja dikelaskan mengikut taraf guna tenaga berikut:

i. Majikan

Seorang yang menjalankan sesuatu perniagaan, perusahaan ladang atau perniagaan lain dan menggaji seorang pekerja atau lebih untuk menolongnya.

ii. Pekerja

Seorang yang bekerja untuk majikan sektor swasta dan menerima ganjaran tetap seperti upah, gaji, komisen, tip atau upahan yang berbentuk mata benda.

iii. Bekerja sendiri

Seorang yang mengusahakan ladang, perniagaan atau perusahaan sendiri tanpa menggaji pekerja di ladang, perniagaan atau perusahaannya.

iv. Pekerja keluarga tanpa gaji

Seorang yang bekerja tanpa menerima sebarang bayaran atau upah di ladang, perniagaan atau perusahaan yang dijalankan oleh ahli keluarganya yang lain.

11.6 Industri

Industri dikelaskan mengikut Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 versi 1.0 yang berasaskan kepada *International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4*. Pengelasan industri seseorang merujuk kepada aktiviti yang berkaitan dengan pekerjaan utama.

Kategori industri adalah seperti berikut:

A	Pertanian, perhutanan dan perikanan
B	Perlombongan dan pengkuarian
C	Pembuatan
D	Bekalan elektrik, gas, wap dan pendingin udara
E	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan
F	Pembinaan
	Perkhidmatan
G	Perdagangan borong dan runcit; pembaikan kenderaan bermotor dan motosikal
H	Pengangkutan dan penyimpanan
I	Penginapan dan aktiviti perkhidmatan makanan dan minuman
J	Maklumat dan komunikasi
K	Aktiviti kewangan dan insurans/takaful
L	Aktiviti hartanah
M	Aktiviti profesional, saintifik dan teknikal
N	Aktiviti pentadbiran dan khidmat sokongan
O	Pentadbiran awam dan pertahanan; aktiviti keselamatan sosial wajib
P	Pendidikan
Q	Aktiviti kesihatan kemanusiaan dan kerja sosial
R	Kesenian, hiburan dan rekreasi
S	Aktivi perkhidmatan lain
T	Aktiviti isi rumah sebagai majikan
U	Aktiviti badan dan pertubuhan luar wilayah

ii. Sektor dalam ringkasan penemuan dan jadual merupakan klasifikasi semula industri seperti berikut:

Kategori 'Lain-lain aktiviti perkhidmatan' yang dipaparkan dalam laporan ini merangkumi industri Maklumat dan Komunikasi; Aktiviti kewangan dan insurans/takaful; Aktiviti hartanah; Aktiviti profesional, saintifik dan teknikal; Pendidikan; Kesenian, hiburan dan rekreasi; dan Aktiviti perkhidmatan lain manakala kategori 'Lain-lain' pula merangkumi Perlombongan dan pengkuarian; Bekalan elektrik, gas, wap dan pendingin udara; Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan; dan Aktiviti isi rumah sebagai majikan.

Seperti STB, Survei Sektor Informal tidak mengelaskan aktiviti pengeluaran barangan dan perkhidmatan sara hidup untuk kegunaan isi rumah sendiri sebagai penduduk yang aktif dalam ekonomi. Oleh itu, klasifikasi MSIC 2008 bagi industri Aktiviti isi rumah sebagai majikan; aktiviti mengeluarkan barangan dan perkhidmatan yang tidak dapat dibezakan oleh isi rumah untuk kegunaan sendiri hanya mengambil kira Aktiviti isi rumah sebagai majikan.

11.7 Kategori pekerjaan

i. Kategori pekerjaan dikelaskan mengikut klasifikasi Piawaian Pengelasan Pekerjaan Malaysia (MASCO) yang berasaskan kepada *International Standard Classification of Occupations (ISCO)*. Statistik bagi tahun 2011–2015 dikelaskan mengikut MASCO 2008 yang berasaskan kepada ISCO-08 manakala statistik bagi tahun 2017 dikelaskan mengikut MASCO 2013 yang masih berasaskan kepada ISCO-08.

Kategori pekerjaan adalah seperti berikut:

MASCO 2008		MASCO 2013	
1	Pengurus	1	Pengurus
2	Profesional	2	Profesional
3	Juruteknik dan profesional bersekutu	3	Juruteknik dan profesional bersekutu
4	Pekerja sokongan perkeranian	4	Pekerja sokongan perkeranian
5	Pekerja perkhidmatan dan jualan	5	Pekerja perkhidmatan dan jualan
6	Pekerja mahir pertanian, perhutanan dan perikanan	6	Pekerja mahir pertanian, perhutanan, penternakan dan perikanan
7	Pekerja kemahiran dan pekerja pertukangan yang berkaitan	7	Pekerja kemahiran dan pekerja pertukangan yang berkaitan
8	Operator loji dan mesin serta pemasang	8	Operator mesin dan loji, dan pemasang
9	Pekerjaan asas	9	Pekerja asas

ii. Kategori pekerjaan dalam ringkasan penemuan dan jadual merupakan klasifikasi semula industri seperti berikut:

Kategori 'Lain-lain' yang dipaparkan dalam laporan ini merangkumi pekerjaan seperti Pekerja sokongan perkeranian dan Operator loji dan mesin serta pemasang.

Bagi seseorang yang mempunyai lebih daripada satu pekerjaan, hanya pekerjaan yang mengambil masa terbanyak semasa tempoh rujukan STB dianggap sebagai pekerjaan utamanya. Jika masa bekerja bagi tiap-tiap pekerjaan itu sama, maka pekerjaan yang menghasilkan pendapatan yang tertinggi adalah pekerjaan utamanya. Dalam kes di mana bilangan jam bekerja dan pendapatannya adalah sama bagi setiap pekerjaan, pekerjaan di mana dia telah bekerja paling lama dianggap sebagai pekerjaan utamanya.

Merujuk kepada mereka yang tidak pernah menghadiri mana-mana institusi pendidikan yang memberi pendidikan secara rasmi.

11.8 Jam bekerja

Merujuk kepada jumlah bilangan jam bekerja semasa tempoh rujukan.

11.9 Pencapaian pendidikan

Merujuk kepada peringkat tertinggi seseorang itu telah menamatkan atau sedang mengikuti persekolahan di institusi pendidikan awam atau swasta yang menyediakan pendidikan rasmi. Ia dikategorikan seperti berikut:

i. Tiada pendidikan rasmi

Mereka yang tidak pernah menghadiri mana-mana institusi pendidikan yang memberikan pendidikan secara rasmi.

ii. Rendah

Mereka yang telah mencapai pendidikan tertinggi di peringkat Darjah 1 hingga 6 atau yang setaraf dengannya.

iii. Menengah

Mereka yang telah mencapai pendidikan di peringkat Tingkatan 1 (termasuk kelas peralihan) hingga Tingkatan 5, *General Certificate of Secondary Education (GCSE) 'O' Level* atau yang setaraf dengannya. Turut termasuk dalam kategori ini ialah program kemahiran asas di institusi latihan kemahiran khusus dan teknikal yang mana tempoh pengajian adalah sekurang-kurangnya enam bulan seperti GIATMARA.

iv. Tertinggi

Mereka yang telah mencapai peringkat tertinggi selepas Tingkatan 5.

11.10 Sijil tertinggi diperoleh

Merujuk kepada sijil tertinggi diperoleh daripada institusi pendidikan awam atau swasta yang menyediakan pendidikan rasmi dan disesuaikan berasaskan *International Standard Classification of Education (ISCED)* seperti berikut:

i. SPM dan ke bawah

> UPSR/UPSRA atau yang setaraf

Merujuk kepada Ujian Penilaian Sekolah Rendah, Ujian Penilaian Sekolah Rendah Agama atau yang setaraf.

> PT3/PMR/SRP/LCE/SRA atau yang setaraf

Merujuk kepada Pentaksiran Tingkatan 3, Penilaian Menengah Rendah, Sijil Rendah Pelajaran, *Lower Certificate of Education*, Sijil Rendah Agama atau yang setaraf.

> SPM atau yang setaraf

Merujuk kepada Sijil Pelajaran Malaysia atau yang setaraf (*Senior Cambridge Certificate, General Certificate of Education 'O' Level* dan Sijil Pelajaran Vokasional Malaysia). Termasuk sijil kemahiran asas yang diperoleh dari institusi latihan kemahiran khusus dan teknikal yang mana tempoh pengajian adalah sekurang-kurangnya enam bulan seperti sijil GIATMARA.

ii. STPM atau sijil

> STPM atau yang setaraf

Merujuk kepada Sijil Tinggi Persekolahan Malaysia, *Higher School Certificate* atau kelulusan yang setaraf (Sijil Tinggi Agama dan *General Certificate of Education 'A' Level*).

> Sijil

Merujuk kepada sijil yang diperoleh daripada kolej, politeknik atau institusi-institusi lain yang menawarkan pendidikan rasmi. Tempoh pensijilan adalah tidak kurang daripada enam bulan.

iii. Diploma

Merujuk kepada diploma atau sijil setaraf dengannya dan diperoleh selepas kategori (i) atau (ii) daripada universiti, kolej, maktab atau politeknik sebelum peringkat ijazah.

iv. Ijazah

Merujuk kepada ijazah (Ijazah Sarjana Muda, Sarjana atau Doktor Falsafah) yang diperoleh dari institusi pengajian tinggi awam atau swasta atau yang setaraf.

v. Tiada sijil/Tidak berkenaan

> Tiada sijil

Merujuk kepada mereka yang masih di bangku sekolah atau tamat persekolahan tanpa memperoleh sebarang sijil.

> Tidak berkenaan

Merujuk kepada mereka yang tiada pendidikan rasmi.

12. KEBOLEHPERCAYAAN STATISTIK

Statistik yang dijana berdasarkan survei yang dijalankan secara sampel berkebarangkalian ini tertakluk kepada dua jenis ralat iaitu ralat pensampelan dan ralat bukan pensampelan.

12.1 Ralat pensampelan

Ralat pensampelan berpunca daripada anggaran data yang dibuat berasaskan sampel berkebarangkalian. Ralat ini boleh diukur dengan menggunakan Ralat Piawai Relatif (RSE) dan dinyatakan dalam bentuk peratusan. Ia digunakan sebagai penunjuk kepada kepersisan anggaran parameter yang dikaji. Ini memberi gambaran tahap variasi anggaran pembolehubah yang dianggarkan melalui penyiasatan berbanding dengan parameter populasi.

Anggaran ralat pensampelan telah dikira secara berasingan bagi beberapa pembolehubah penting di peringkat nasional dan negeri seperti di jadual 25, 26, 27 dan 28. Bagi Survei Sektor Informal 2019, bilangan guna tenaga dalam sektor informal adalah 1,256.2 ribu orang, dengan RSE 0.9 peratus dan ralat piawai (*Standard Error, SE*) ialah 11.5 ribu. Pada selang keyakinan $\alpha = 0.05$, bilangan guna tenaga dalam sektor informal dianggarkan berada di antara 1,233.6–1,278.8 ribu orang.

Statistik yang dibentangkan di peringkat terperinci adalah tertakluk kepada ralat pensampelan yang tinggi dan mungkin tidak mencerminkan keadaan sebenar, oleh itu harus digunakan dengan berhati-hati.

12.2 Ralat bukan pensampelan

Ralat ini boleh berpunca daripada liputan penyiasatan yang tidak lengkap, kelemahan rangka, ralat maklum balas, tiada respon dan kesilapan semasa prosesan seperti di peringkat penyuntingan, pengekodan dan tangkapan data. Bagi memastikan kualiti data berada pada tahap yang tinggi, beberapa langkah pentadbiran telah diambil supaya ralat bukan pensampelan berada di tahap minimum.

Antaranya melalui latihan intensif kepada penyelia dan penemuramah. Selain daripada itu, penyeliaan yang rapi dan semakan rambang dijalankan ke atas isi rumah yang diliputi untuk memastikan kesahihan maklum balas yang dicatatkan.

Bagi mengatasi kes tiada respons yang berpunca daripada beberapa sebab seperti TK kosong, tiada penghuni dirumah, enggan kerjasama atau TK tidak layak diliputi dalam penyiasatan, maka penganggaran saiz sampel penyiasatan ini telah mengambil kira semua kemungkinan tersebut.

Pengemaskinian rangka pensampelan yang dilaksanakan dari semasa ke semasa telah dapat mengurangkan kadar tiada respon seperti TK kosong. Publisiti yang meluas dilaksanakan melalui media elektronik serta media cetak bagi mengurangkan kes tiada penghuni di rumah dan enggan bekerjasama.

Selain daripada itu, di peringkat prosesan data, semakan konsistensi bagi setiap pembolehubah dan proses validasi telah dilaksanakan secara sistematik bagi meminimumkan kesemua ralat bukan pensampelan.

13. PERSEMBAHAN STATISTIK

13.1 Statistik di dalam laporan ini dipersembahkan pada peringkat nasional meliputi tajuk berikut:

- i. jantina;
- ii. strata;
- iii. taraf pekerjaan;
- iv. industri;
- v. kategori pekerjaan;
- vi. kumpulan umur;
- vii. pencapaian pendidikan;
- viii. sijil tertinggi diperoleh;
- ix. negeri;
- x. jenis tempat kerja

13.2 Statistik guna tenaga dalam sektor informal di peringkat negeri yang disusun dalam laporan ini (Jadual 15a, 15b, 15c, 16a, 16b dan 16c) pula terdiri daripada tiga belas buah negeri dan tiga Wilayah Persekutuan. Namun, statistik bagi Wilayah Persekutuan Labuan dan Putrajaya tidak diterbitkan memandangkan bilangan guna tenaga dalam sektor informal yang diperoleh adalah terlalu kecil untuk dibuat anggaran.

14. PEMBUNDARAN ANGGARAN

Hasil tambah bagi sesuatu kategori mungkin tidak sentiasa sama dengan jumlah yang ditunjukkan dalam jadual yang berkaitan kerana pembundaran secara bebas kepada satu titik perpuluhan. Walau bagaimanapun, perbezaan adalah tidak ketara.

15. NOTA, SIMBOL DAN SINGKATAN

-	Kosong/ tiada kes
W.P.	Wilayah Persekutuan
0.0	Kurang daripada setengah unit terkecil yang ditunjukkan misalnya kurang daripada 0.05 peratus

1. INTRODUCTION

1.1 The statistics published in this report is based on Informal Sector Survey conducted by the Department of Statistics, Malaysia. The implementation of the survey is based on the guidelines and recommendations of the International Labour Organization (ILO) with reference to the *Measuring Informality: A Statistical Manual on the Informal Sector and Informal Employment*.

1.2 The implementation of this survey is integrated with the Labour Force Survey (LFS) which is conducted on a monthly basis from July to December to provide statistics on employment in informal sector at the national level. Starting 2013, this survey is conducted biennially. A comprehensive and systematic approach in the data collection and processing has been maintained over a period of time in order to obtain comparative statistical time series.

1.3 This technical note provides a detailed explanation on the concepts, definitions and methodology used in the implementation of the Informal Sector Survey to assist users to better understand the profile of employment in the informal sector collected through household approach.

2. OBJECTIVES OF THE SURVEY

2.1 The objective of the survey is to obtain the profiles of employment in the informal sector based on the demographic and socioeconomic characteristics.

2.2 In addition, it intends to obtain an estimate of the size of employment in the informal sector, which is an input to measure the contribution of the informal sector to the Gross Domestic Product (GDP) through Labour Input Method. This is in line with the aim to ensure that the contribution of non-observed activities could be measured and further to be taken into account in the compilation of a country's GDP.

3. METHOD OF COLLECTION

3.1 Informal Sector Survey uses the face to face interview method. During the survey period, trained interviewers will visit selected living quarters to collect information of all household members' including demographic, social and economic particulars. In terms of operations, Informal Sector Workforce Survey questions are asked to household members aged 15 years and over.

3.2 Field operation checks are undertaken to identify and correct any possibility of errors or omissions at the time of the survey is conducted. In addition, selected households are interviewed again to check the quality of data collection operation.

3.3 A total of 25 per cent of the selected samples were repeated interviews using Computer-Assisted Telephone Interview (CATI) method.

4. QUESTIONNAIRE

4.1 The survey questionnaire is designed to collect information on household members aged 15 years and over with status in employment as employer, private sector employee, own account worker and unpaid family worker. Household members will be asked information on the characteristics of the enterprise where the household members work as follows:

- i. the number of employees in the enterprise where the household members work
- ii. registration status of the enterprise

- iii. *form of enterprise registration*
 - iv. *enterprise/establishment status whether profit oriented or non-profit (examples of such non-governmental organizations (NGOs) or social institution, etc)*
- 4.2 *For household members who were private employees, the following questions will be asked:*
- i. *employed through an agreement or a written contract*
 - ii. *employment benefits received such as contribution in the Employees Provident Fund (EPF), contribution in the Social Security Organisation (SOCSO), annual leave, sick leave and paid maternity/paternity leave*
- 4.3 *Details on members' demographic and socio-economic characteristics will be extracted from LFS questionnaire.*

5. **REFERENCE PERIOD**

The reference period of the survey is the same as the LFS which refers to seven days (week) preceding the commencement date of the interviews which are 1–7, 8–14 and 15–21 of the respective month.

6. **COVERAGE AND SCOPE**

6.1 *The survey population in the Informal Sector Survey is the same as the LFS, which covers rural and urban areas of all states in Malaysia.*

6.2 *The survey population is defined to cover persons who live in private living quarters (LQ) and hence excludes persons residing in institutional LQs such as hotels, hostels, hospitals, prisons, boarding houses and construction work site.*

6.3 *No attempt was made to adjust for the exclusion of the population living in institutional LQs from the independent mid-year post census population estimates although the Informal Sector Survey did not cover the institutional population. Based on the 2010 Population and Housing Census, those living in institutional LQs were less than four per cent of the total population. The percentage was small and did not affect the estimates from the Informal Sector Survey.*

6.4 *The survey covers all the work performed in the reference period and informal sector information takes into account only the main job.*

6.5 *For the purpose of this survey, the usual households' members who were in employment aged 15 years and over must satisfy the following conditions:*

- i. *Non government employees*
- ii. *Employed in all sectors except Agriculture, forestry and fishing*

6.6 *Most countries exclude agricultural and related activities from the scope of statistics on the informal sector. For practical data collection purposes, the 15th International Conference of Labour Statisticians (ICLS) provided the option to exclude agricultural and related activities (ISIC Rev. 4 Category A: Agriculture, forestry and fishing) from the scope of Informal Sector Survey and to measure them separately.*

6.7 In developing countries like Malaysia, the agricultural activities are widely operated and mostly run by households that are not registered and operate on a small scale. By incorporating agricultural activities into the measurement of the informal sector, it would be burdensome in data collection operations. Moreover, a system for measuring agricultural activities has been established which includes information on an individual or group of individuals who are engaged in agriculture and related activities. Hence, it is preferable to be canvassed in the agricultural census or surveys.

6.8 For analysis purposes, Informal Sector Survey takes into account population in the working age 15 to 64 years. This is consistent with the LFS which uses the age group for measuring the economically active population.

7. SAMPLING FRAME

7.1 The frame used for the selection of sample for Informal Sector Survey 2017 is based on the Household Sampling Frame which is made up of Enumeration Blocks (EBs) created for the 2010 Population and Housing Census and was updated from time to time.

7.2 EBs are geographically contiguous areas of land with identifiable boundaries created for survey operation purposes, which on average contains about 80 to 120 living quarters. Generally, all EBs are formed within gazetted boundaries, i.e. within mukim or local authority areas.

7.3 The EBs in the sampling frame are also classified by urban and rural areas:

i. Urban areas

Gazetted areas with their adjoining 'built-up' areas with a combined population of 10,000 or more at the time of the 2010 Population and Housing Census.

> Built-up areas

Areas contiguous to a gazetted area and has at least 60 per cent of their population (aged 15 years and over) engaged in non-agricultural activities.

The definition of urban areas also takes into account the special development area namely the development area which is not gazetted and can be identified and separated from the gazetted area or built-up area of more than 5 km and a population of at least 10,000 persons where 60 per cent of the population (aged 15 years and over) involved in non-agricultural activities.

ii. Rural areas

All other gazetted areas with a population of less than 10,000 persons and non-gazetted areas.

7.4 Urbanisation is a dynamic process and keeps changing in line with the progress and development. Thus, the urban areas for the 2000 and 2010 censuses do not necessarily refer to the same areas, as areas fulfilling the criteria of urban continue to increase or grow with time.

8. SAMPLE DESIGN

8.1 A stratified two-stage sample design is adopted that is:

- i. Primary strata: urban and rural strata
- ii. Secondary strata: states and administrative district within the primary strata

8.2 Two-stage sample selections are implemented and samples are drawn randomly. The first stage units of sample selection are the EBs while the second stage units are the LQs within the EBs. All households and persons within the selected LQs are canvassed. At every stage of selection, the units are selected systematically with equal probability within each level of the secondary strata.

9. SAMPLE SIZE

9.1 The sample size for this survey is required to represent overall population at the fixed level of analysis. This sample size has accounted for the following elements:

- i. response rate of the previous survey
- ii. level of sampling design
- iii. desired error

Factors that are taken into consideration to finalise the sample size are cost, time and human resources.

9.2 The sample size of the Informal Sector Workforce Survey 2019 are as follows:

State	Number of selected EBs	Number of selected LQs
Johor	1,152	9,216
Kedah	1,020	8,160
Kelantan	804	6,432
Melaka	468	3,744
Negeri Sembilan	732	5,856
Pahang	912	7,296
Pulau Pinang	660	5,280
Perak	1,044	8,352
Perlis	300	2,400
Selangor	1,140	9,120
Terengganu	684	5,472
Sabah	1,416	11,328
Sarawak	1,440	11,520
W.P. Kuala Lumpur	456	3,648
W.P. Labuan	132	1,056
W.P. Putrajaya	144	1,152
Malaysia	12,504	100,032

10. ESTIMATION PROCEDURE

10.1 Population statistics by characteristics of age group, sex, ethnicity and state were used as benchmark to produce statistics on employment in the informal sector through combined ratio estimated method (adjusted weight and population factor)

Adjusted weight is used to take into account the non-response cases.

In multi-stage sampling design, the sample size is a random variable and aggregates directly estimated from the survey have large sampling errors. External weight is used to minimise sampling error and in Informal Sector Survey the external weight is the population factor. The population factor is obtained through up-to-date estimates of population totals which is used to inflate the various rates and ratios estimated from the survey.

10.2 Two types of population statistics are:

- i. *Projection population to indicate the size and structure of the population in the long term based on certain assumption on the trend of fertility, mortality and migration. These statistics are used as input to formulate future plans and policies.*
- ii. *Current population estimates to illustrate the size of the current population and is prepared annually based on the recent data on birth, death and migration.*

10.3 Starting the publication of Informal Sector Survey Report 2015, statistics on the employment in the informal sector are estimated based on the 2015 current population estimates compared to the previous approach which used population projections. Therefore, the 2011–2013 statistics reported in this publication has been updated based on the year's population estimates.

11. CONCEPT AND DEFINITIONS

11.1 Informal sector

The informal sector comprises of informal enterprise that meet the following criteria:

- i. *The enterprise is not registered with the Companies Commission of Malaysia (CCM), professional bodies or Local Authority (Sabah and Sarawak);*
- ii. *All or at least one goods or services produced are meant for sale or barter transactions;*
- iii. *The size in terms of employment is less than 10 persons and is not registered under specific form of national legislation; and*
- iv. *All sector include agriculture.*

> The 10 employee's cut-off is based on Human Resources Development Act 2001 which granted leave to employers with fewer than 10 employees for three consecutive months to cancel its registration with the corporation and exempt from the levy imposed.

11.2 Share of employment in the informal sector

Share of employment in the informal sector is defined as employment in non-agricultural sector who worked in the informal sector. The indicator is calculated as followed:

$$\text{Sumbangan guna tenaga sektor informal dalam sektor bukan pertanian (\%)} = \frac{\text{Guna tenaga dalam sektor informal}}{\text{Guna tenaga dalam sektor bukan pertanian}} \times 100$$

$$\text{Sumbangan guna tenaga sektor informal daripada keseluruhan guna tenaga (\%)} = \frac{\text{Guna tenaga dalam sektor informal}}{\text{Guna tenaga}} \times 100$$

11.3 Compounded annual growth rate

Calculation of the compounded annual growth rate based on the exponent function as follows:

$$\text{CAGR} = \frac{\ln \left(\frac{Y_t}{Y_o} \right)}{t - o} \times 100$$

di mana;

CAGR kadar pertumbuhan tahunan dikompoun

Y_t bilangan guna tenaga dalam sektor informal tahun semasa

Y_o bilangan guna tenaga dalam sektor informal tahun sebelumnya

$t - o$ tempoh masa

11.4 Household

A household is defined as a person or group of related or unrelated persons who usually live together and make common provision for food and other living essentials.

11.5 Status in employment

Refers to the position or status of an employed person within the enterprise/ establishment or organisation for which he/she worked. Employed persons are classified according to the following employment status:

i. Employer

A person who operates a business, a plantation or other trade and employs one or more workers to help him/her.

ii. Employee

A person who works for a private employer and receives regular remuneration in wages, salary, commission, tips or payment in kind.

iii. Own account worker

A person who operates his/her own farm, business or trade without employing any paid workers in the conduct of his/her farm, trade or business.

iv. Unpaid family worker

A person who works without pay or wages on a farm, business or trade operated by another member of the family.

11.6 Industry

Industry is classified according to the Malaysia Standard Industrial Classification (MSIC) 2008 version 1.0 based on the International Standard Industrial Classification of All Economic Activities (ISIC) Revision 4. A person's industry classification refers to that of his/her principal occupation.

The categories of industries are as follows:

A	<i>Agriculture, forestry and fishing</i>
B	<i>Mining and quarrying</i>
C	<i>Manufacturing</i>
D	<i>Electricity, gas, steam and air conditioning supply</i>
E	<i>Water supply; sewerage, waste management and remediation activities</i>
F	<i>Construction</i>
	<i>Services</i>
G	<i>Wholesale and retail trade; repair of motor vehicles and motorcycles</i>
H	<i>Transportation and storage</i>
I	<i>Accommodation and food and beverage service activities</i>
J	<i>Information and communication</i>
K	<i>Financial and insurance/takaful activities</i>
L	<i>Real estate activities</i>
M	<i>Professional, scientific and technical activities</i>
N	<i>Administrative and support service activities</i>
O	<i>Public administration and defence; compulsory social security</i>
P	<i>Education</i>
Q	<i>Human health and social work activities</i>
R	<i>Arts, entertainment and recreation</i>
S	<i>Other service activities</i>
T	<i>Activities of household as employers</i>
U	<i>Activities of extraterritorial organisation and bodies</i>

ii. Sectors for the summary of findings and tables are the reclassification of industry as follows:

Category of 'Other services industries' which is featured in this report comprise of the industries i.e. Information and communication; Financial and insurance/takaful activities; Real estate activities; Professional, scientific and technical activities; Education; Arts, entertainment and recreation; and Other service activities while the category of 'Others' comprise of Mining and quarrying; Electricity, gas, steam and air conditioning supply; Water supply; sewerage, waste management and remediation activities; and Activities of households as employers.

Like LFS, the Informal Sector Survey does not classify the subsistence goods-and services-producing activities of households as persons who are economically active. Therefore, the classification of industry by MSIC 2008 for Activities of households as employers; undifferentiated goods-and services-producing activities of households for own use only accounted for Activities of households as employer.

11.7 Category of Occupation

i. The category of occupation is classified according to the Malaysia Standard Classification of Occupations (MASCO) based on the International Standard Classification of Occupation (ISCO). Statistics for 2011–2015 are classified according to MASCO 2008 based on ISCO-08 while the statistics for 2017 are classified according to MASCO 2013 based on ISCO-08.

The categories of occupations are as follows:

MASCO 2008		MASCO 2013	
1	Managers	1	Managers
2	Professionals	2	Professionals
3	Technicians dan associate professionals	3	Technicians dan associate professionals
4	Clerical support workers	4	Clerical support workers
5	Service and sales workers	5	Service and sales workers
6	Skilled agricultural, forestry and fishery workers	6	Skilled agricultural, forestry, livestock and fishery workers
7	Craft and related trades workers	7	Craft and related trades workers
8	Plant and machine-operators and assemblers	8	Plant and machine-operators and assemblers
9	Elementary occupations	9	Elementary occupations

ii. Category of occupation in summary of findings and tables are reclassification of occupation as follows:

Category of 'Others' which featured in this report comprise of the Clerical support workers and Plant and machine-operators and assemblers.

For a person having more than one job, only the job at which he worked for the longest number of hours during the reference week is treated as his principal occupation. Should the number of hours worked for each job is the same, then the job with the highest income is the principal occupation. In cases where the number of hours worked and the income earned from each job are the same, the job at which he was working for the longest period of time is considered as the principal occupation.

11.8 Hours worked

Refers to total number of hours worked during the reference period.

11.9 Educational attainment

Refers to the highest level in which a person has completed schooling or is currently attending school in a public or private educational institution that provides formal education. It is categorised as follows:

i. No formal education

Those who never attended school in any of the educational institutions that provides formal education.

ii. Primary

Those whose highest level of education attained are from Standard 1 to 6 or equivalent.

iii. Secondary

Those whose highest level of education attained are from Form 1 to Form 5 (including remove class), General Certificate of Secondary Education (GCSE) 'O' Level or equivalent. Also included in this category are basic skill programmes in specific trades and technical skills institutions whereby the training period is at least six months i.e. GIATMARA.

iv. Tertiary

Those whose highest level of education attained is above Form 5.

11.10 Highest certificate obtained

Refers to the highest certificate obtained from public or private educational institution that provides formal education and is adopted from the International Standard Classification of Education (ISCED) as follows:

i. SPM and below

> UPSR/UPSRA or equivalent

Refers to Ujian Penilaian Sekolah Rendah/Ujian Penilaian Sekolah Rendah Agama or equivalent.

> PT3/PMR/SRP/LCE/SRA or equivalent

Refers to Pentaksiran Tingkatan 3, Penilaian Menengah Rendah, Sijil Rendah Pelajaran, Lower Certificate of Education, Sijil Rendah Agama or equivalent.

> SPM or equivalent

Refers to Sijil Pelajaran Malaysia or equivalent (Senior Cambridge Certificate, GCSE 'O' Level and Malaysia Certificate of Vocational Education). This includes basic skill certificate obtained from specific trades and technical skills institutions whereby the training period is at least six months such as GIATMARA certificate.

ii. STPM or Certificate

> STPM or equivalent

Refers to Sijil Tinggi Persekolahan Malaysia, Higher School Certificate or equivalent (Sijil Tinggi Agama and GCE 'A' Level).

> Certificate

Refers to certificate obtained from college, polytechnic or other institutions which offers formal education. Duration of certification should not be less than six months.

iii. Diploma

Refers to diploma or equivalent certificate obtained after category (i) or (ii) from university, college or polytechnic prior to a degree qualification.

iv. Degree

Refers to degree (Bachelor, Masters or Ph.D) obtained from public or private higher institution or equivalent.

v. No certificate / Not applicable**> No certificate**

Refers to those who are currently attending school or who have completed schooling without receiving any certificate.

> Not applicable

Refers to those who have no formal education.

12. RELIABILITY OF STATISTICS

The statistics generated based on survey conducted with probability sampling are subjected to two types of errors that are sampling and non-sampling errors.

12.1 Sampling error

Sampling error is a result of estimating data based on a probability sampling, not on census. Such error in statistics is termed as Relative Standard Error and often denoted as RSE and is given in percentage form. This error is an indication to the precision of the parameter under study. In other words, it reflects the extent of variation of sample-based estimates compared to the parameter of population.

Sampling errors of estimates on a few important variables at national and state levels are calculated separately as shown in Table 25, 26, 27 and 28. For Informal Sector Survey 2019, the number of employment in the informal sector for Malaysia was 1,256.2 thousand persons with RSE of 0.9 per cent and standard error (SE) of 11.5 thousand. At confidence interval $\alpha = 0.05$, the number of employment in the informal sector was in the range of 1,233.6–1,278.8 thousand persons.

Detailed cross-tabulation of statistics is subject to high sampling error and might not reflect the actual situation, thus the statistics should be used with caution.

12.2 Non-sampling error

These errors may arise through incomplete survey coverage, weaknesses in the frame, response errors, non-response errors and also errors during processing such as editing, coding and data capture. To ensure high quality data, several administrative procedures were taken to keep non-

sampling errors to a minimum.

Intensive training was conducted for the supervisors and enumerators. In addition, close supervision and random checks were carried out on households covered by the enumerators to ensure the validity of the information recorded.

In order to resolve the case of non-response error due to several reasons such as vacant house, 'no one at home', refusal to co-operate or unqualified LQ, the sample size estimation for this survey has taken into account all those possibilities.

The survey frame is updated regularly to overcome the problem of non-response due to vacant home. Wide publicity was carried out through electronic and printed media to minimise the case of 'no one at home' and refusal to cooperate.

In addition, at the data processing stage, consistency checking and validation process has been systematically implemented for each variable in order to minimise the non-sampling error.

13. PRESENTATION OF STATISTICS

13.1 Statistics in this report are presented at the national level comprises the following topics:

- i. sex;
- ii. strata;
- iii. status in employment;
- iv. industry;
- v. category of occupation;
- vi. age group;
- vii. educational attainment;
- viii. highest certificate obtained;
- ix. state;
- x. type of workplace

13.2 Meanwhile, statistics on employment in the informal sector at state level compiled in this report (Tables 15a, 15b, 15c, 16a, 16b dan 16c) consists of thirteen states and three federal territories. However, statistics for the Federal Territory of Labuan and Putrajaya was not published because of the number of employment in the informal sector were too small to estimate.

14. ROUNDING OF ESTIMATES

The sum of each category may not always equal to the totals shown in related tables because of independent rounding to one decimal place. However, the differences are not obvious.

15. NOTES AND SYMBOLS

-	Nil/no cases
W.P.	Less than half the smallest unit shown. For example, less than 0.05 per cent.
0.0	Wilayah Persekutuan (Federal Territory)

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