



**KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA**

PRODUKTIVITI BURUH

LABOUR PRODUCTIVITY

SUKU KETIGA 2024

THIRD QUARTER 2024

Pemakluman

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

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

Announcement

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

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

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“Sumber : Jabatan Perangkaan Malaysia”

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KATA PENGANTAR

Penerbitan ini memaparkan statistik suku tahunan produktiviti buruh di Malaysia bagi suku ketiga 2024. Konsep produktiviti buruh yang digunakan merujuk kepada nisbah antara nilai ditambah dan input, iaitu jam bekerja dan pekerja. Statistik yang diterbitkan adalah berdasarkan saranan daripada ***System of National Accounts 2008, The United Nations*** dan ***The Organisation for Economic Co-operation and Development Manual: Measuring Productivity***.

Data suku tahunan yang dibentangkan dalam penerbitan ini bermula dari suku pertama 2020 hingga suku ketiga 2024. Anggaran nilai ditambah pada harga malar dinilai pada harga asas 2015 selaras dengan pengelasan semula Statistik Akaun Negara.

Statistik ini disusun mengikut aktiviti ekonomi bagi memenuhi keperluan *Malaysia Productivity Blueprint*. Maklumat yang dihasilkan boleh dijadikan petunjuk utama dalam mengukur produktiviti negara bagi pembentukan, pelaksanaan dan pemantauan polisi serta prestasi ekonomi. Statistik ini juga menjadi rujukan penyelidik, ahli akademik, organisasi sektor swasta dan individu.

Terdapat empat bahagian di dalam penerbitan ini. Bahagian pertama memaparkan ringkasan penemuan utama statistik produktiviti buruh. Jadual perangkaan terperinci dipaparkan di bahagian kedua dengan jadual indeks produktiviti buruh di bahagian ketiga. Manakala, aspek teknikal seperti skop dan liputan, konsep dan definisi serta pemboleh ubah utama yang digunakan disediakan di bahagian keempat bagi memudahkan pengguna memahami statistik yang diterbitkan.

Jabatan Perangkaan Malaysia merakamkan setinggi-tinggi penghargaan atas kerjasama semua pihak yang terlibat dalam menjayakan penerbitan ini. Sebarang cadangan dan pandangan untuk penambahbaikan laporan ini pada masa hadapan amatlah dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN

Ketua Perangkawan Malaysia

November 2024



PREFACE

*This publication presents quarterly labour productivity statistics in Malaysia for third quarter of 2024. The concept of labour productivity used refers to the ratio of value added and input, namely hours worked and employment. The statistics published are based on the recommendations of the **System of National Accounts 2008, The United Nations and The Organisation for Economic Co-operation and Development Manual: Measuring Productivity**.*

Quarterly data presented in this publication commences from the first quarter of 2020 to the third quarter of 2024. The value added estimates in constant prices are expressed in 2015 prices in tandem with the rebasing of National Accounts Statistics.

The information is produced by economic activity to fulfil the requirements of the Malaysia Productivity Blueprint. The statistics provided can be used as an important indicator in measuring national productivity for the formulation, implementation and monitoring policy as well as performance of the economy. The statistics also serve as an essential reference to analysts, economists, academicians, private sector organisations and individuals.

This publication is divided into four sections. The first section presents the summary of findings of the statistics on labour productivity. The second section of this publication provides detailed statistical tables with labour productivity indices in the third section. Meanwhile, technical aspects such as scope and coverage, concepts and definitions as well as key variables used are described in the fourth section to facilitate and assist users' understanding of the published statistics.

The Department of Statistics Malaysia gratefully acknowledges all parties involved in the success of this publication. All comments and suggestions towards improving this publication in the future are appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician Malaysia

November 2024



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RINGKASAN PENEMUAN

Summary of Findings



PRODUKTIVITI BURUH

SUKU KETIGA 2024

Produktiviti buruh per jam bekerja

Produktiviti buruh per pekerja

% Merujuk kepada perubahan peratusan dari suku yang sama tahun sebelumnya

RM475.5 | - 5.7%

ST2 2024 : RM514.9 | 3.7%

RM291,136 | - 4.0%

ST2 2024 : RM311,331 | 2.5%

RM20.9 | 20.1%

ST2 2024 : RM19.6 | 19.1%

RM12,423 | 18.9%

ST2 2024 : RM11,466 | 16.3%



RM28.2 | 4.1%

ST2 2024 : RM24.4 | 6.0%

RM15,275 | 2.9%

ST2 2024 : RM13,292 | 6.2%



RM57.2 | 3.4%

ST2 2024 : RM55.6 | 2.9%

RM34,150 | 4.1%

ST2 2024 : RM33,054 | 3.1%



RM40.9 | 1.4%

ST2 2024 : RM39.4 | 0.9%

RM23,647 | 1.2%

ST2 2024 : RM22,875 | 2.2%



PRODUKTIVITI BURUH PER JAM BEKERJA

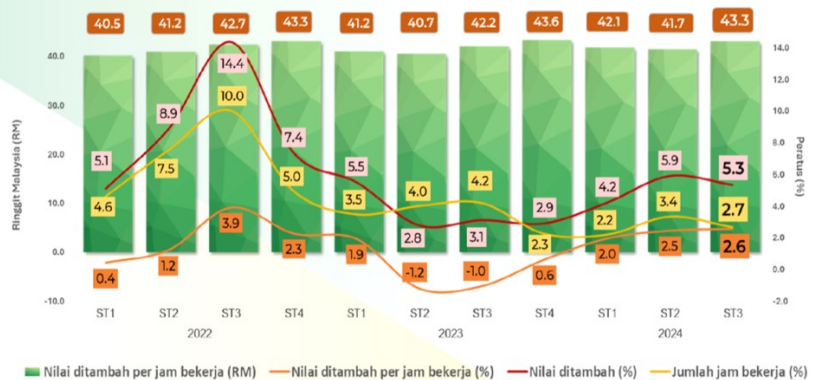
Produktiviti buruh per jam bekerja pada ST3 2024 meningkat 2.6% dengan nilai ditambah per jam bekerja sebanyak RM 43.3 setiap jam.

Jumlah jam bekerja (juta jam)

ST3 2024 : 9,672 | 2.7%

ST2 2024 : 9,612 | 3.4%

Produktiviti Buruh per Jam Bekerja, ST1 2022 - ST3 2024



PRODUKTIVITI BURUH PER PEKERJA

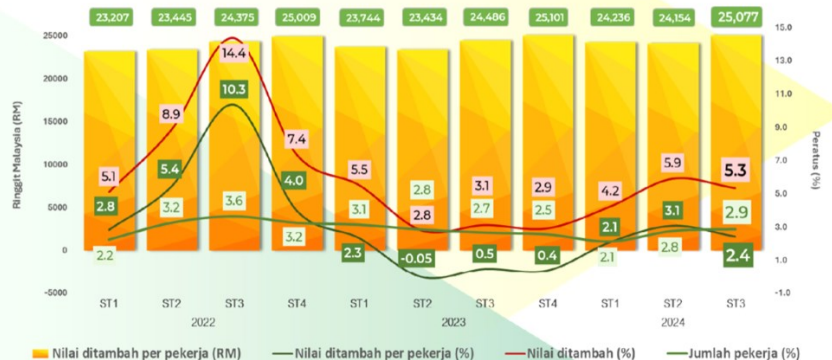
Produktiviti buruh per pekerja meningkat 2.4% pada ST3 2024 untuk merekodkan nilai ditambah per pekerja sebanyak RM 25,077 seorang.

Jumlah pekerja ('000 orang)

ST3 2024 : 16,715 | 2.9%

ST2 24 : 16,591 | 2.8%

Produktiviti Buruh per Pekerja, ST1 2022 - ST3 2024



Sumber : Produktiviti Buruh, Suku Ketiga 2024, Jabatan Perangkaan Malaysia (DOSM)





LABOUR PRODUCTIVITY

THIRD QUARTER 2024

Labour productivity per hour worked

Labour productivity per employment

% Refers to the annual percentage from the same quarter of the previous year

RM475.5 | -5.7%

Q2 2024 : RM514.9 | 3.7%

RM20.9 | 20.1%

Q2 2024 : RM19.6 | 19.1%

RM291,136 | -4.0%

Q2 2024 : RM311,331 | 2.5%

RM12,423 | 18.9%

Q2 2024 : RM11,466 | 16.3%

Agriculture



RM28.2 | 4.1%

Q2 2024 : RM24.4 | 6.0%

RM15,275 | 2.9%

Q2 2024 : RM13,292 | 6.2%

Mining & quarrying



Manufacturing



RM57.2 | 3.4%

Q2 2024 : RM55.6 | 2.9%

RM34,150 | 4.1%

Q2 2024 : RM33,054 | 3.1%

Construction



RM40.9 | 1.4%

Q2 2024 : RM39.4 | 0.9%

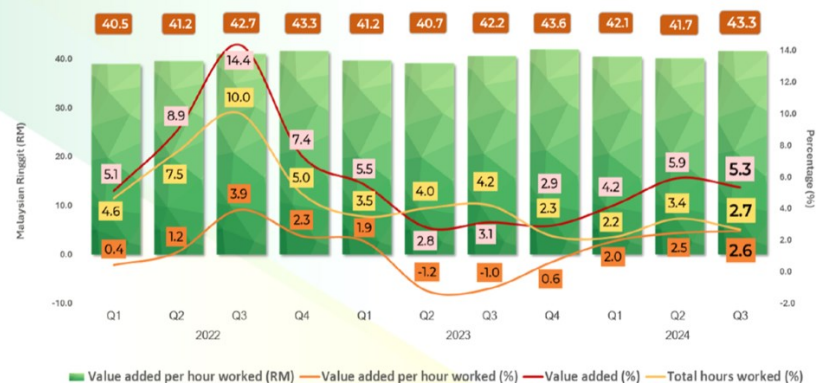
RM23,647 | 1.2%

Q2 2024 : RM22,875 | 2.2%

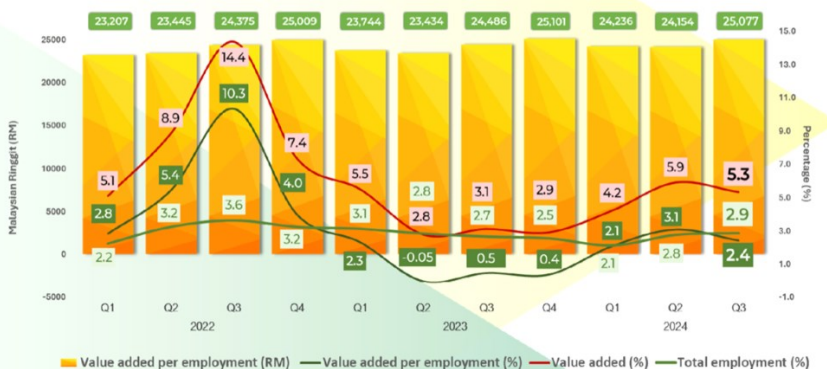
Services



Labour Productivity per Hour Worked, Q1 2022 - Q3 2024



Labour Productivity per Employment, Q1 2022 - Q3 2024



Labour productivity per hour worked in Q3 2024 increased 2.6% with value added per hour worked at RM43.3 per hour.

Total hours worked (million hours)

Q3 2024 : 9,672 | 2.7%

Q2 2024 : 9,612 | 3.4%

Labour productivity per employment increased 2.4% in Q3 2024 to record value added per employment at RM 25,077 per person.

Total employment ('000 persons)

Q3 2024 : 16,715 | 2.9%

Q2 24 : 16,591 | 2.8%

Source : Labour Productivity, Third Quarter 2024, Department of Statistics Malaysia (DOSM)



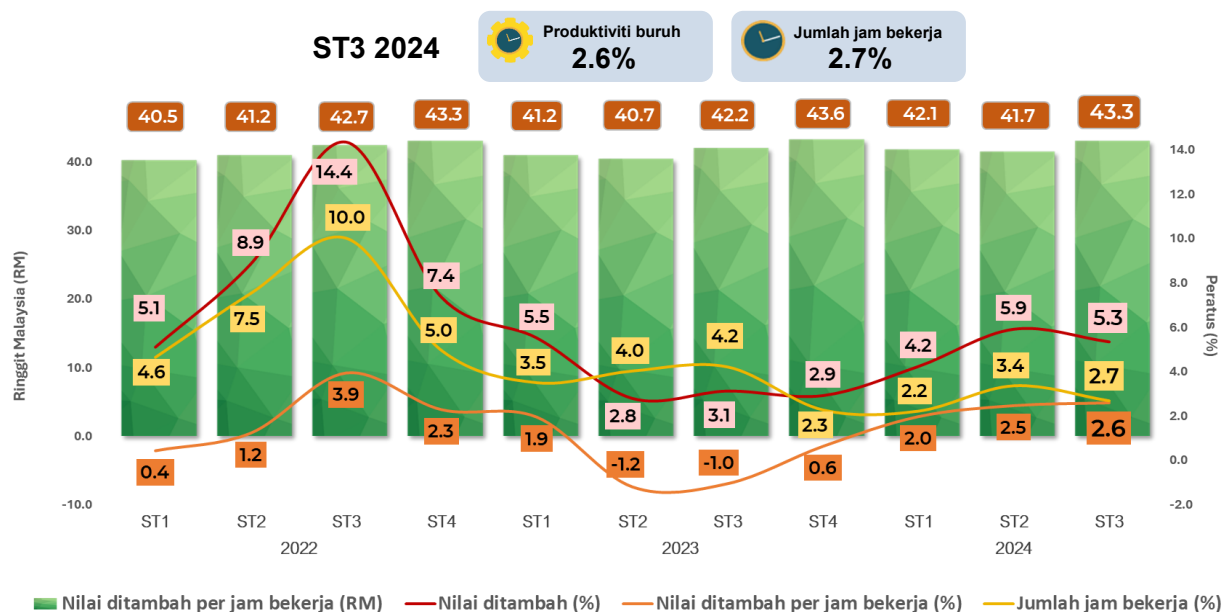
PRESTASI PRODUKTIVITI BURUH SUKU KETIGA 2024



PRODUKTIVITI BURUH MALAYSIA

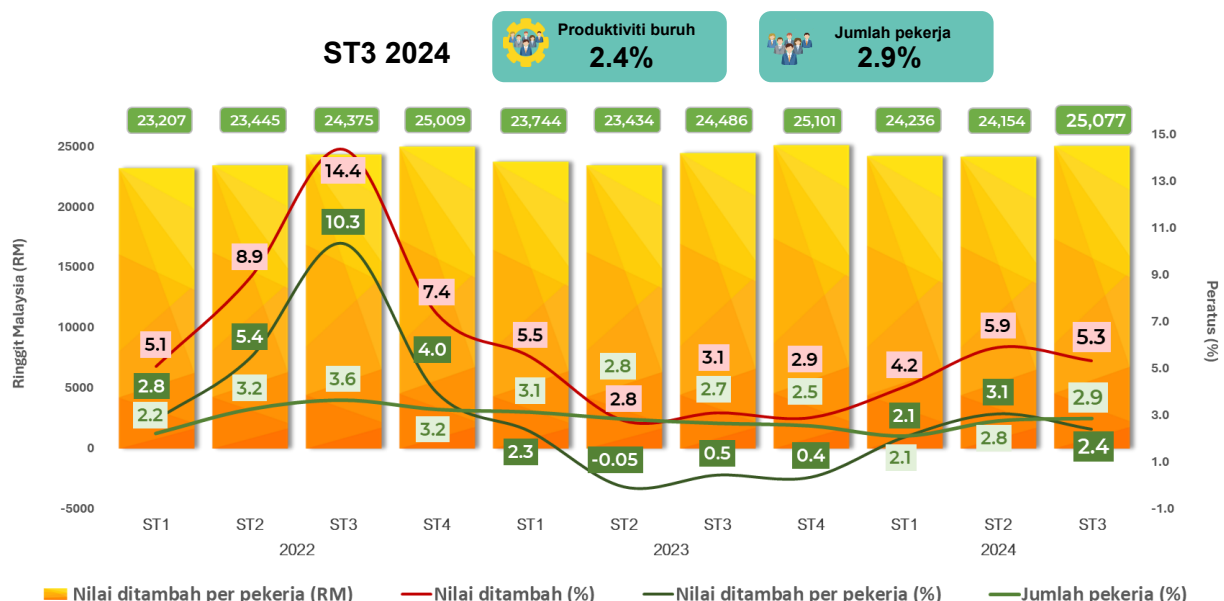
Pada suku ketiga 2024, **produktiviti buruh per jam bekerja meningkat 2.6 peratus** (ST2 2024: 2.5%) dengan **nilai ditambah per jam bekerja sebanyak RM43.3 setiap jam** (ST2 2024: RM41.7 setiap jam), sejajar pertumbuhan 5.3 peratus ekonomi (ST2 2024: 5.9%), sementara jumlah jam bekerja meningkat 2.7 peratus (ST2 2024: 3.4%) bagi mencatatkan 9.7 bilion jam (ST2 2024: 9.6 bilion jam). **[Carta 1]**

Carta 1: Produktiviti buruh per jam bekerja dan jumlah jam bekerja, perubahan peratusan tahunan, ST1 2022 - ST3 2024



Produktiviti buruh mengikut nilai ditambah per pekerja bertumbuh 2.4 peratus (ST2 2024: 3.1%) untuk merekodkan **nilai ditambah per pekerja sebanyak RM25,077 seorang** (ST2 2024: RM24,154 seorang), manakala jumlah pekerja meningkat 2.9 peratus (ST2 2024: 2.8%) bagi mencatatkan 16.7 juta orang (ST2 2024: 16.6 juta orang) pada suku ini. **[Carta 2]**

Carta 2: Produktiviti buruh per pekerja dan jumlah pekerja, perubahan peratusan tahunan, ST1 2022 - ST3 2024





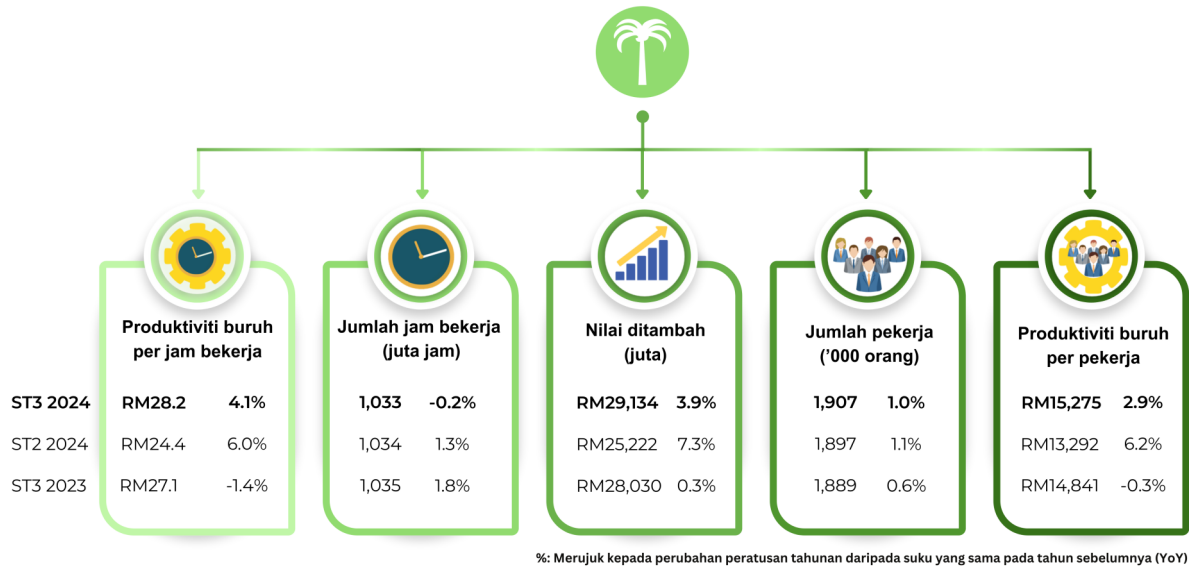
PERTANIAN

Produktiviti buruh per jam bekerja bagi sektor Pertanian meningkat 4.1 peratus, menunjukkan peningkatan yang lebih kecil berbanding suku sebelumnya (ST2 2024: 6.0%). Nilai ditambah bagi sektor ini menunjukkan peningkatan 3.9 peratus selepas mencatatkan 7.3 peratus pada suku sebelumnya, manakala jumlah jam bekerja menurun pada negatif 0.2 peratus dengan purata jam bekerja menurun pada negatif 1.3 peratus, bagi merekodkan 41.7 jam setiap minggu (ST2 2024: 0.3%; 42.0 jam setiap minggu).

Sementara itu, pada suku ketiga 2024, **produktiviti buruh mengikut nilai ditambah per pekerja bagi sektor ini meningkat 2.9 peratus** (ST2 2024: 6.2%), dengan jumlah pekerja meningkat 1.0 peratus bagi merekodkan 1,907 ribu orang (ST2 2024: 1.1%; 1,897 ribu orang).

Pada suku ketiga 2024, **nilai ditambah per jam bekerja bagi sektor ini adalah RM28.2 setiap jam** (ST2 2024: RM24.4 setiap jam), manakala **nilai ditambah per pekerja adalah RM15,275 seorang** (ST2 2024: RM13,292 seorang). [Paparan 1]

Paparan 1: Produktiviti buruh sektor Pertanian: ST3 2023, ST2 & ST3 2024



PERLOMBONGAN DAN PENGKUARIAN

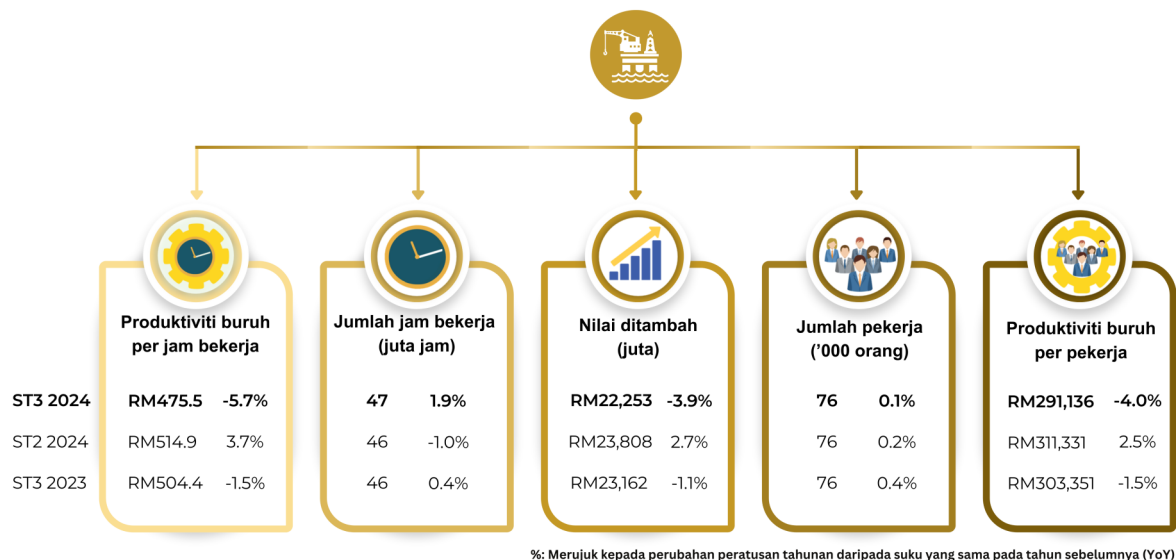
Bagi sektor **Perlombongan dan pengkuarian, produktiviti buruh yang diukur sebagai nilai ditambah per jam bekerja mencatatkan penurunan pada negatif 5.7 peratus** (ST2 2024: 3.7%) apabila nilai ditambah bagi sektor ini menurun pada negatif 3.9 peratus (ST2 2024: 2.7%) pada suku ini. Sementara itu, jumlah jam bekerja mengalami pertumbuhan 1.9 peratus (ST2 2024: -1.0%), dengan purata jam bekerja menunjukkan peningkatan 1.6 peratus, mencatatkan 47.9 jam setiap minggu (ST2 2024: -1.5%, 46.8 jam setiap minggu).

Produktiviti buruh mengikut nilai ditambah per pekerja bagi sektor ini juga turut menurun pada negatif 4.0 peratus (ST2 2024: 2.5%) apabila jumlah pekerja meningkat 0.1 peratus (ST2 2024: 0.2%), mencecah 76.4 ribu orang (ST2 2024: 76.5 ribu orang) pada suku ketiga 2024.

Dari segi nilai, **produktiviti buruh yang dinyatakan sebagai nilai ditambah per jam bekerja dan nilai ditambah per pekerja bagi sektor ini masing-masing adalah RM475.5 setiap jam** (ST2 2024: RM514.9 setiap jam) dan **RM291,136 seorang** (ST2 2024: RM311,331 seorang), pada suku ini. [Paparan 2]



**Paparan 2: Produktiviti buruh sektor Perlombongan dan pengkuarian:
ST3 2023, ST2 & ST3 2024**



PEMBUATAN

Pada suku ketiga 2024, **sektor Pembuatan** mencatatkan **peningkatan dalam produktiviti buruh per jam bekerja pada 3.4 peratus** (ST2 2024: 2.9%) dengan pertumbuhan nilai ditambah pada 5.6 peratus (ST2 2024: 4.7%). Sementara itu, jumlah jam bekerja meningkat 2.1 peratus (ST2 2024: 1.7%), dengan purata jam bekerja meningkat 0.8 peratus bagi mencatatkan 46.1 jam setiap minggu (ST2 2024: -0.2%; 45.8 jam setiap minggu).

Pertumbuhan dalam produktiviti buruh per jam bekerja bagi sektor Pembuatan disumbangkan oleh peningkatan dalam empat subsektornya, iaitu Produk kayu, perabot, keluaran kertas dan percetakan (9.3%); Produk mineral bukan logam, logam asas dan produk logam yang direka (7.7%); Produk elektrik, elektronik dan optikal (5.5%); dan Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan (4.3%), manakala empat subsektor lain merekodkan pertumbuhan negatif iaitu Minuman dan produk tembakau (-2.3%); Peralatan pengangkutan, pembuatan lain dan pembaikan (-2.3%); Produk petroleum, kimia, getah dan plastik (-1.1%); dan Produk tekstil, pakaian dan kulit (-0.02%).

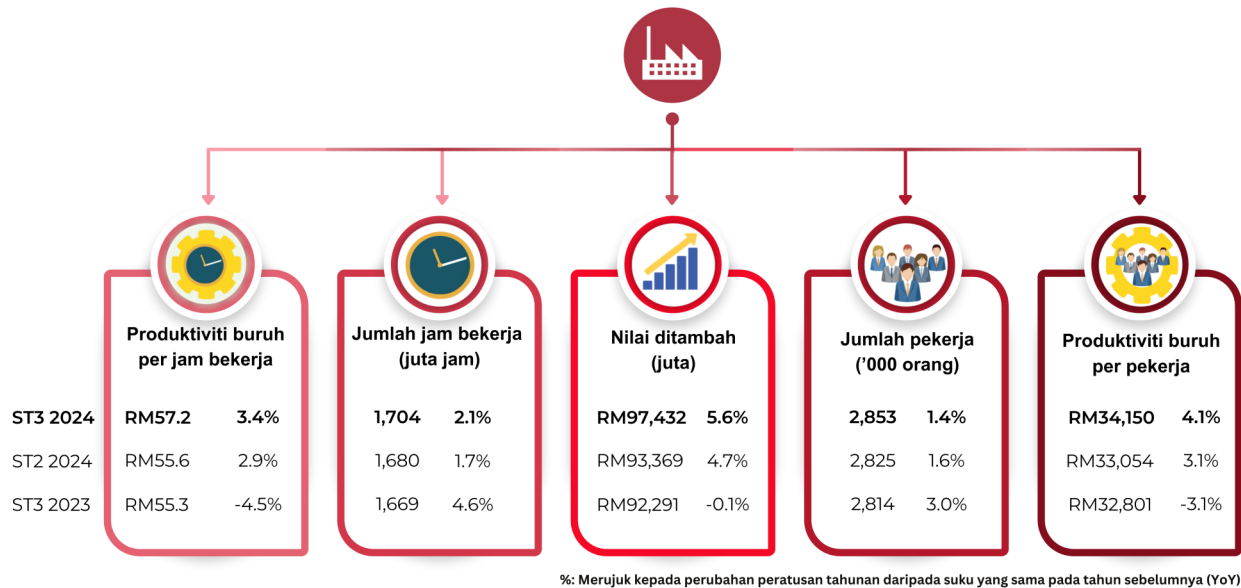
Sementara itu, produktiviti buruh **mengikut nilai ditambah per pekerja meningkat 4.1 peratus** (ST2 2024: 3.1%), dengan jumlah pekerja meningkat 1.4 peratus bagi merekodkan 2,853 ribu orang (ST2 2024: 1.6%; 2,825 ribu orang) pada suku ketiga 2024.

Pertumbuhan produktiviti buruh per pekerja bagi sektor Pembuatan disumbangkan oleh pertumbuhan positif dalam semua subsektornya, termasuk Minuman dan produk tembakau (7.4%); Produk mineral bukan logam, logam asas dan produk logam yang direka (6.5%); Produk kayu, perabot, keluaran kertas dan percetakan (5.8%); Produk elektrik, elektronik dan optikal (5.7%); Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan (5.5%); Produk tekstil, pakaian dan kulit (3.2%); Produk petroleum, kimia, getah dan plastik (2.0%), kecuali Peralatan pengangkutan, pembuatan lain dan pembaikan (-0.2%).

Nilai ditambah per jam bekerja bagi sektor ini adalah **RM57.2 setiap jam** (ST2 2024: RM55.6 setiap jam), sementara **nilai ditambah per pekerja adalah RM34,150 seorang** (ST2 2024: RM33,054 seorang) pada suku ketiga 2024. [Paparan 3]



Paparan 3: Produktiviti buruh sektor Pembuatan: ST3 2023, ST2 & ST3 2024



RINGKASAN PENEMUAN
Summary of Findings



PEMBINAAN

Pada suku ketiga 2024, produktiviti buruh per jam bekerja bagi sektor Pembinaan terus meningkat pada 20.1 peratus (ST2 2024: 19.1%), dengan nilai ditambah berkembang 19.9 peratus (ST2 2024: 17.3%). Dalam pada itu, jumlah jam bekerja bagi sektor ini menurun pada negatif 0.2 peratus (ST2 2024: -1.5%), dengan purata jam bekerja menurun pada negatif 0.8 peratus bagi mencatatkan 45.9 jam setiap minggu (ST2 2024: -2.3%; 45.2 jam setiap minggu). [Paparan 4]

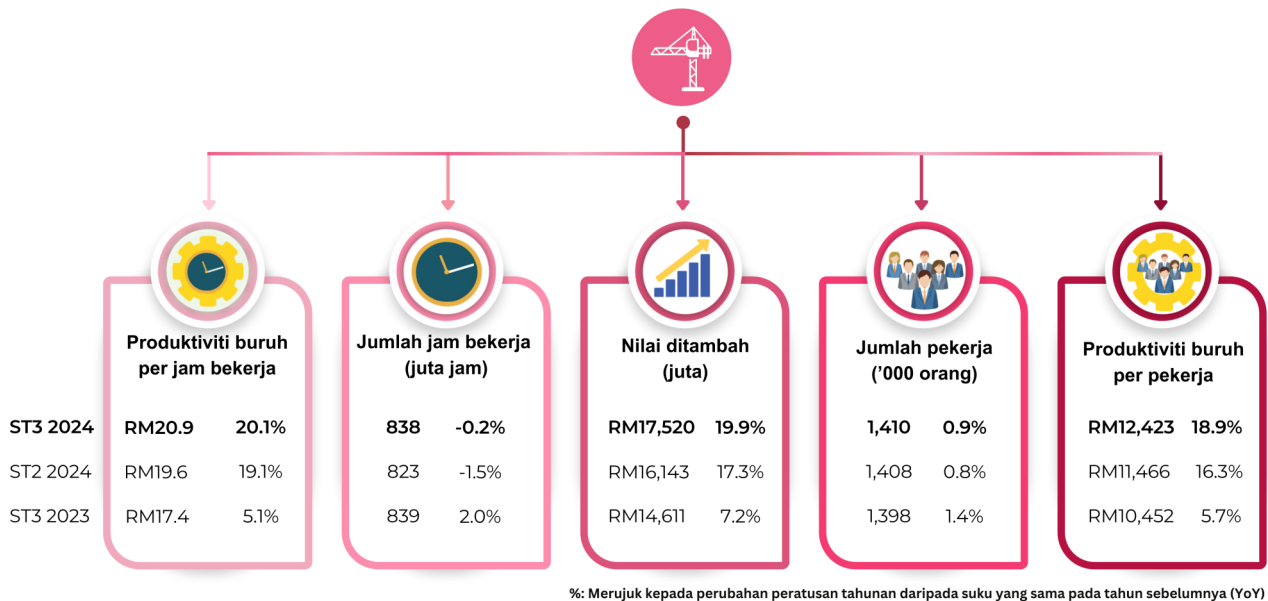
Sementara itu, produktiviti buruh yang diukur sebagai nilai ditambah per pekerja terus meningkat pada 18.9 peratus (ST2 2024: 16.3%) bagi sektor ini, dengan pertambahan pekerja sebanyak 0.9 peratus (ST2 2024: 0.8%) bagi mencatatkan 1,410 ribu orang (ST2 2024: 1,408 ribu orang) pada suku ini.

Pada suku ketiga 2024, nilai ditambah per jam bekerja bagi sektor ini adalah RM20.9 setiap jam (ST2 2024: RM19.6 setiap jam), manakala nilai ditambah per pekerja adalah RM12,423 seorang (ST2 2024: RM11,466 seorang).

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Paparan 4: Produktiviti buruh sektor Pembinaan: ST3 2023, ST2 & ST3 2024



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PERKHIDMATAN

Pada suku ini, **produktiviti buruh yang dinyatakan sebagai nilai ditambah per jam bekerja bagi sektor Perkhidmatan meningkat 1.4 peratus** (ST2 2024: 0.9%), sejajar dengan pertumbuhan nilai ditambah pada 5.2 peratus (ST2 2024: 5.9%) , manakala jumlah jam bekerja meningkat 3.8 peratus (ST2 2024: 4.9%), dengan purata jam bekerja menurun pada negatif 0.2 peratus untuk mencatatkan 44.7 jam setiap minggu (ST2 2024: 1.4%; 44.9 jam setiap minggu). **[Paparan 5]**

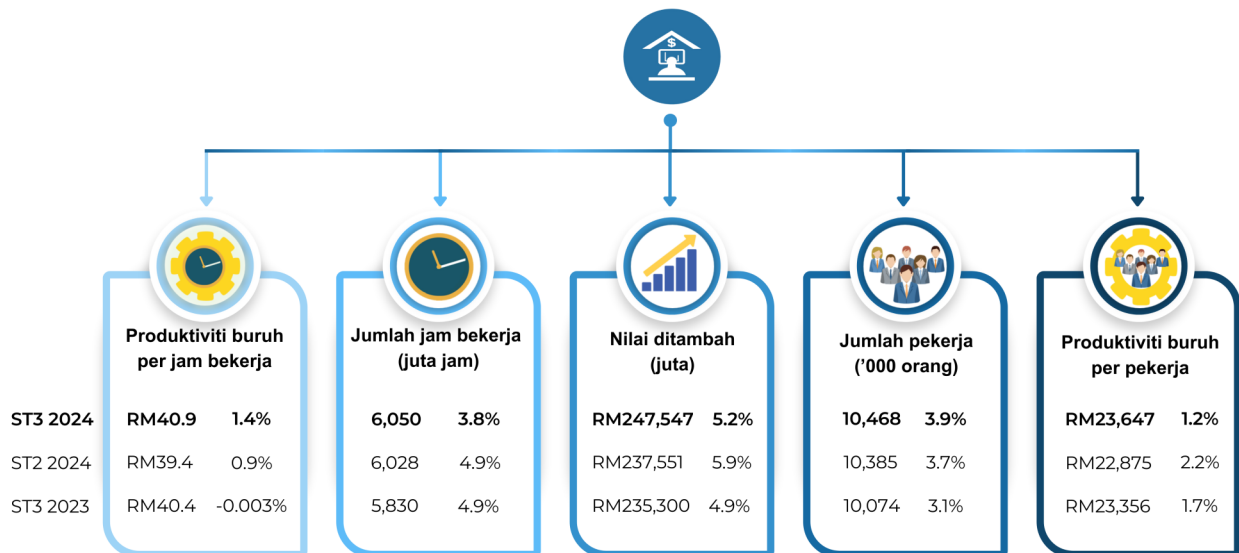
Pertumbuhan dalam produktiviti buruh per jam bekerja bagi sektor Perkhidmatan disumbangkan oleh subsektor Hartanah dan perkhidmatan perniagaan (7.6%); Pengangkutan dan penyimpanan (7.6%); Perkhidmatan lain (2.4%); dan Makanan & minuman dan penginapan (1.1%), manakala empat subsektor lain merekodkan pertumbuhan negatif iaitu Kewangan dan insurans (-1.6%); Utiliti (-1.2%); Maklumat dan komunikasi (-0.5%); dan Perdagangan borong dan runcit (-0.3%).

Sementara itu, **produktiviti buruh per pekerja bagi sektor Perkhidmatan meningkat 1.2 peratus** (ST2 2024: 2.2%) pada suku ini, dengan peningkatan jumlah pekerja sebanyak 3.9 peratus (ST2 2024: 3.7%), mencecah 10,468 ribu orang (ST2 2024: 10,385 ribu orang).

Pertumbuhan positif dalam produktiviti buruh per pekerja bagi sektor **Perkhidmatan** adalah disebabkan oleh peningkatan dalam kebanyakan subsektornya, iaitu Hartanah dan perkhidmatan perniagaan (6.4%); Pengangkutan dan penyimpanan (5.5%); Perkhidmatan lain (3.1%); Kewangan dan insurans (1.5%); Maklumat dan komunikasi (0.6%), Perdagangan borong dan runcit (0.4%); kecuali Utiliti (-2.7%); dan Makanan & minuman dan penginapan (-0.8%).

Dari segi nilai, **produktiviti buruh yang diukur sebagai nilai ditambah per jam bekerja** pada suku ketiga 2024 bagi sektor ini adalah **RM40.9 setiap jam** (ST2 2024: RM39.4 setiap jam), manakala **nilai ditambah per pekerja adalah RM23,647 seorang** (ST2 2024: RM22,875 seorang).

Paparan 5: Produktiviti buruh sektor Perkhidmatan: ST3 2023, ST2 & ST3 2024



%: Merujuk kepada perubahan peratusan tahunan daripada suku yang sama pada tahun sebelumnya (YoY)



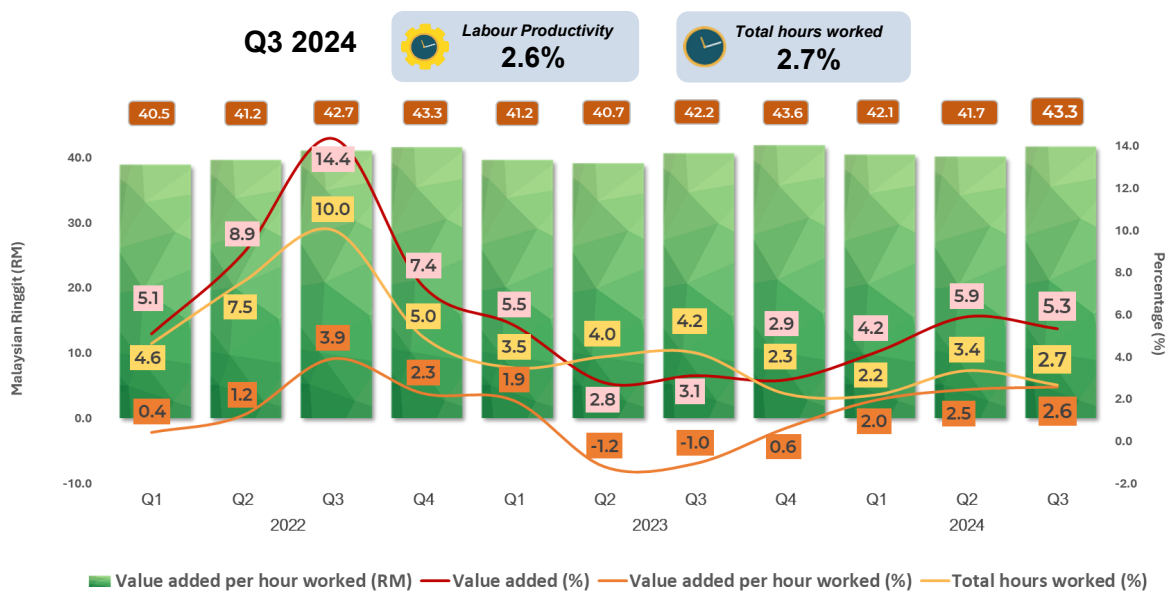
LABOUR PRODUCTIVITY PERFORMANCE OF THIRD QUARTER 2024



MALAYSIA'S LABOUR PRODUCTIVITY

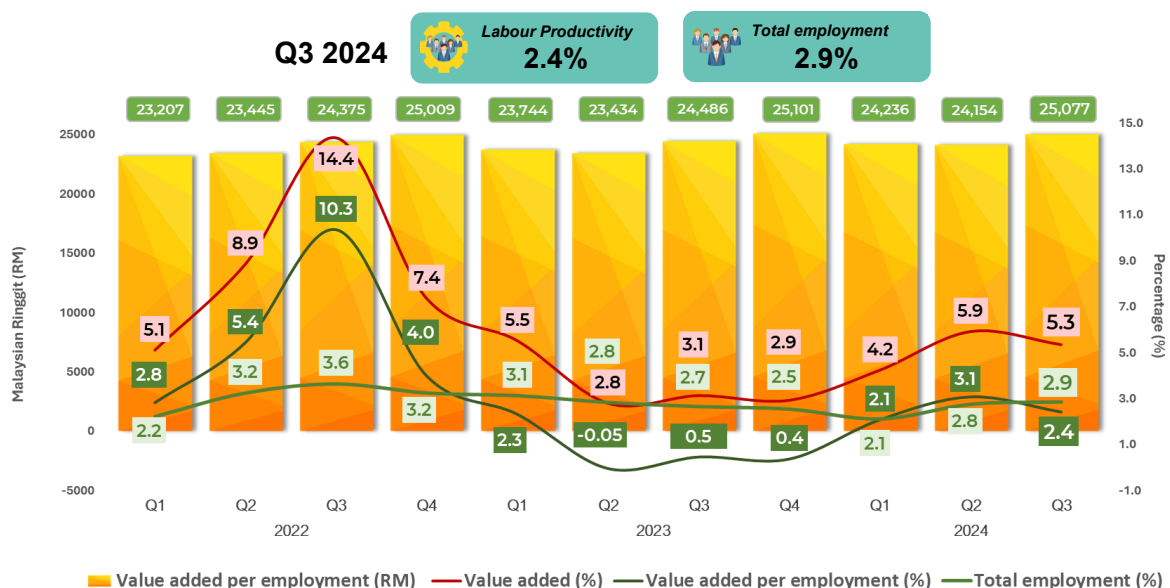
In the third quarter of 2024, **labour productivity per hour worked increased 2.6 per cent** (Q2 2024: 2.5%) with **value added per hour worked at RM43.3 per hour** (Q2 2024: RM41.7 per hour), as the economy grew 5.3 per cent (Q2 2024: 5.9%), meanwhile total hours worked rose 2.7 per cent (Q2 2024: 3.4%) to register 9.7 billion hours (Q2 2024: 9.6 billion hours). [Chart 1]

Chart 1: Labour productivity per hour worked and total hours worked, annual percentage change, Q1 2022 – Q3 2024



Labour productivity per employment grew 2.4 per cent (Q2 2024: 3.1%) to record **value added per employment at RM25,077 per person** (Q2 2024: RM24,154 per person), while total employment increased 2.9 per cent (Q2 2024: 2.8%) to register 16.7 million persons (Q2 2024: 16.6 million persons) in during this quarter. [Chart 2]

Chart 2: Labour productivity per employment and total employment, annual percentage change, Q1 2022 – Q3 2024





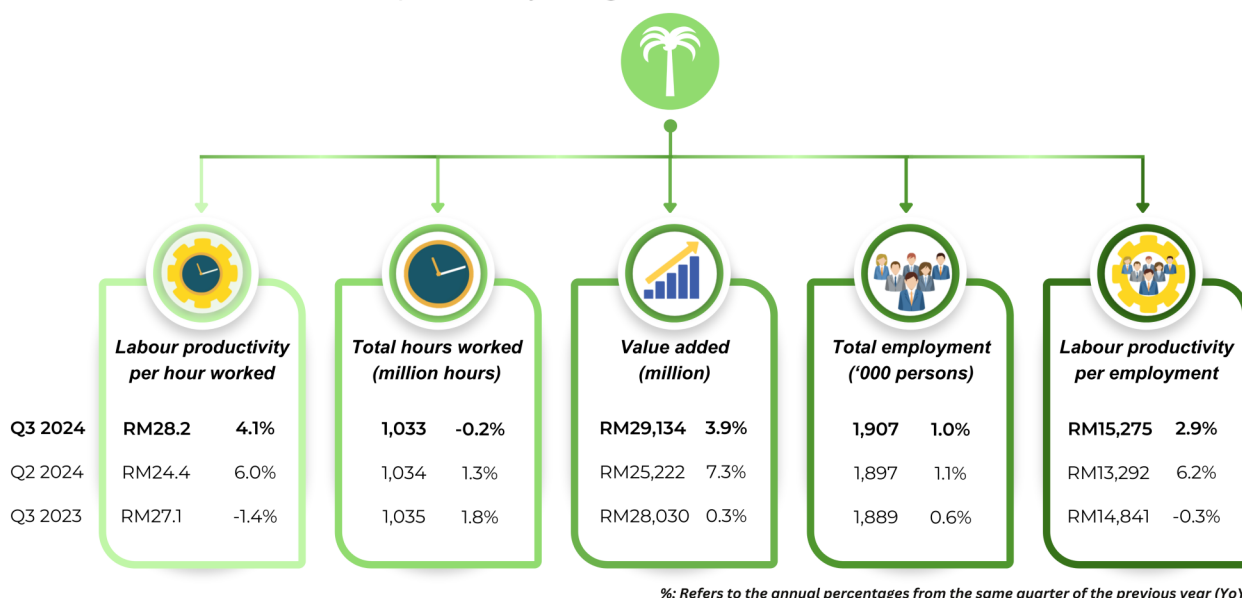
AGRICULTURE

Labour productivity per hour worked for Agriculture sector increased 4.1 per cent, showed a smaller increase as compared to the previous quarter (Q2 2024: 6.0%). The value added for this sector demonstrated an increase of 3.9 per cent after registering 7.3 per cent in the preceding quarter, while total hours worked declined at negative 0.2 per cent (Q2 2024: 1.3%) with average hours worked decreased at a negative 1.3 per cent, to record 41.7 hours per week (Q2 2024: 0.3%; 42.0 hours per week).

Meanwhile, in the third quarter of 2024, **labour productivity by value added per employment for this sector increased 2.9 per cent** (Q2 2024: 6.2%), with total employment rose 1.0 per cent to record 1,907 thousand persons (Q2 2024: 1.1%; 1,897 thousand persons).

In the third quarter 2024, **value added per hour worked for this sector was RM28.2 per hour** (Q2 2024: RM24.4 per hour), while **value added per employment was RM15,275 per person** (Q2 2024: RM13,292 per person). **[Exhibit 1]**

Exhibit 1: Labour productivity of Agriculture sector: Q3 2023, Q2 & Q3 2024



MINING & QUARRYING

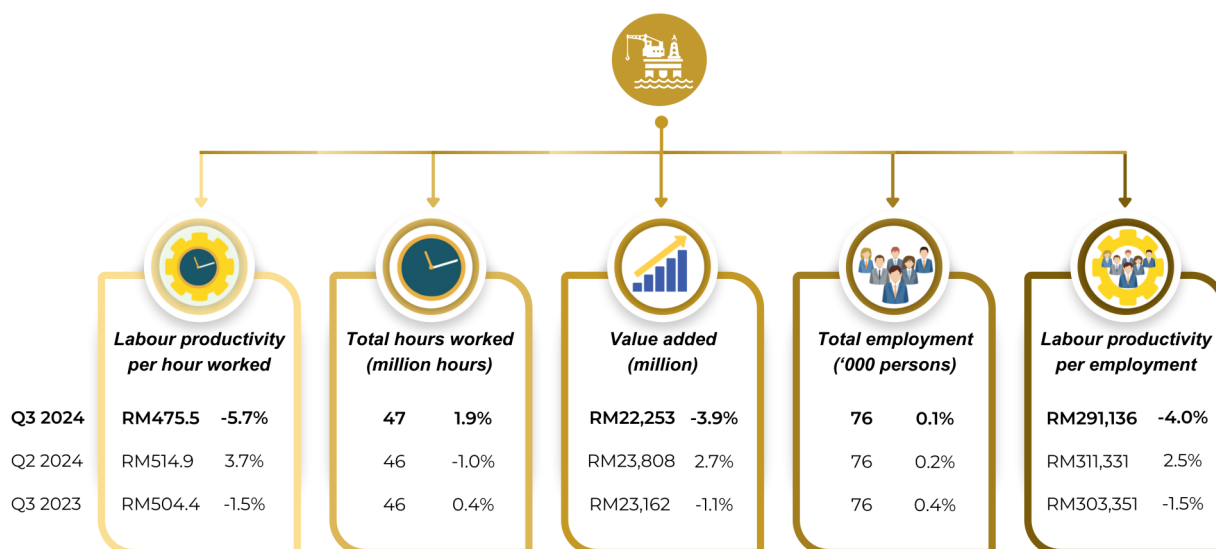
For Mining and quarrying sector, labour productivity measured as value added per hour worked posted a decline at a negative 5.7 per cent (Q2 2024: 3.7%) as value added for this sector decreased at negative 3.9 per cent (Q2 2024: 2.7%) during this quarter. Meanwhile, the total hours worked experienced a growth of 1.9 per cent (Q2 2024: -1.0%), with the average hours worked exhibited an increase of 1.6 per cent, registering 47.9 hours per week (Q2 2024: -1.5%, 46.8 hours per week).

Labour productivity by value added per employment for this sector also declined at a negative 4.0 per cent (Q2 2024: 2.5%) as employment increased 0.1 per cent (Q2 2024: 0.2%), reaching 76.4 thousand persons (Q2 2024: 76.5 thousand persons) in the third quarter of 2024.

In terms of level, labour productivity expressed as **value added per hour worked and value added per employment for this sector were RM475.5 per hour** (Q2 2024: RM514.9 per hour) and **RM291,136 per person** (Q2 2024: RM311,331 per person), respectively, during this quarter. **[Exhibit 2]**



Exhibit 2: Labour productivity of Mining and quarrying sector: Q3 2023, Q2 & Q3 2024



%: Refers to the annual percentages from the same quarter of the previous year (YoY)



MANUFACTURING

In the third quarter 2024, the **Manufacturing sector** posted an **increase in labour productivity per hour worked at 3.4 per cent** (Q2 2024: 2.9%) with the growth of value added at 5.6 per cent (Q2 2024: 4.7%). Meanwhile, total hours worked increased 2.1 per cent (Q2 2024: 1.7%), with average hours worked increased 0.8 per cent to post 46.1 hours per week (Q2 2024: -0.2%; 45.8 hours per week).

The growth in labour productivity per hour worked for Manufacturing sector was attributed to an increment in four of its sub-sectors, namely Wood products, furniture, paper products and printing (9.3%); Non-metallic mineral products, basic metal and fabricated metal products (7.7%); Electrical, electronic and optical products (5.5%); and Vegetable and animal oils & fats and food processing (4.3%), while the other four sub-sectors recorded negative growth, namely Beverages and tobacco products (-2.3%); Transport equipment, other manufacturing and repair (-2.3%); Petroleum, chemical, rubber and plastic product (-1.1%); and Textiles, wearing apparel and leather products (-0.02%).

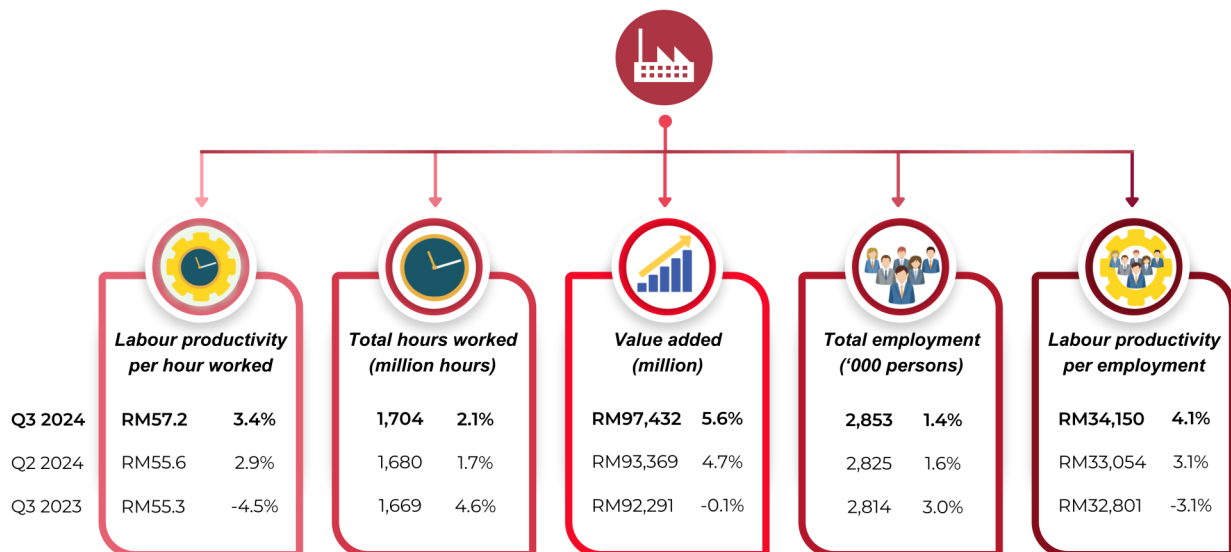
Meanwhile, **labour productivity by value added per employment rose 4.1 per cent** (Q2 2024: 3.1%) for this sector, with total employment increased 1.4 per cent to record 2,853 thousand persons (Q2 2024: 1.6%; 2,825 thousand persons) in the third quarter of 2024.

The expansion in labour productivity per employment for the Manufacturing sector was contributed by positive growth across all of its sub-sectors, including Beverages and tobacco products (7.4%); Non-metallic mineral products, basic metal and fabricated metal products (6.5%); Wood products, furniture, paper products and printing (5.8%); Electrical, electronic and optical products (5.7%); Vegetable and animal oils & fats and food processing (5.5%); Textiles, wearing apparel and leather products (3.2%); Petroleum, chemical, rubber and plastic products (2.0%), except for Transport equipment, other manufacturing and repair (-0.2%).

Value added per hour worked for this sector was **RM57.2 per hour** (Q2 2024: RM55.6 per hour), while **value added per employment** was **RM34,150 per person** (Q2 2024: RM33,054 per person) in the third quarter 2024. [Exhibit 3]



Exhibit 3: Labour productivity of Manufacturing sector: Q3 2023, Q2 & Q3 2024



%; Refers to the annual percentages from the same quarter of the previous year (YoY)



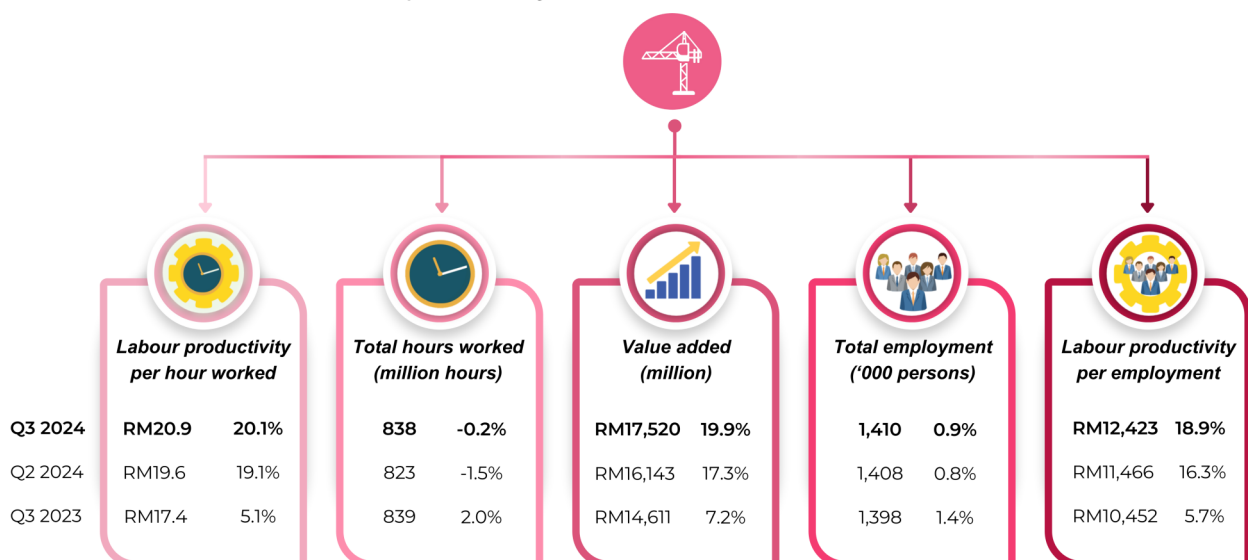
CONSTRUCTION

In the third quarter of 2024, **labour productivity per hour worked for Construction sector continued to increase at 20.1 per cent** (Q2 2024: 19.1%), with value added expanded 19.9 per cent (Q2 2024: 17.3%). In the meantime, total hours worked for this sector declined at a negative 0.2 per cent (Q2 2024: -1.5%), with average hours worked decreased at a negative 0.8 per cent to post 45.9 hours per week (Q2 2024: -2.3%; 45.2 hours per week). **[Exhibit 4]**

Meanwhile, **labour productivity as measured by value added per employment continued to increase at 18.9 per cent** (Q2 2024: 16.3%) for this sector, with a rise in employment at 0.9 per cent (Q2 2024: 0.8%) to register 1,410 thousand persons (Q2 2024: 1,408 thousand persons) during this quarter.

In the third quarter 2024, **value added per hour worked for this sector was RM20.9 per hour** (Q2 2024: RM19.6 per hour), while **value added per employment was RM12,423 per person** (Q2 2024: RM11,466 per person).

Exhibit 4: Labour productivity of Construction sector: Q3 2023, Q2 & Q3 2024



%; Refers to the annual percentages from the same quarter of the previous year (YoY)





SERVICES

During this quarter, **labour productivity expressed as value added per hour worked for Services sector increased 1.4 per cent** (Q2 2024: 0.9%), as value added grew 5.2 per cent (Q2 2024: 5.9%), while total hours worked increased 3.8 per cent (Q2 2024: 4.9%), with average hours worked declined at a negative 0.2 per cent to post 44.7 hours per week (Q2 2024: 1.4%; 44.9 hours per week). **[Exhibit 5]**

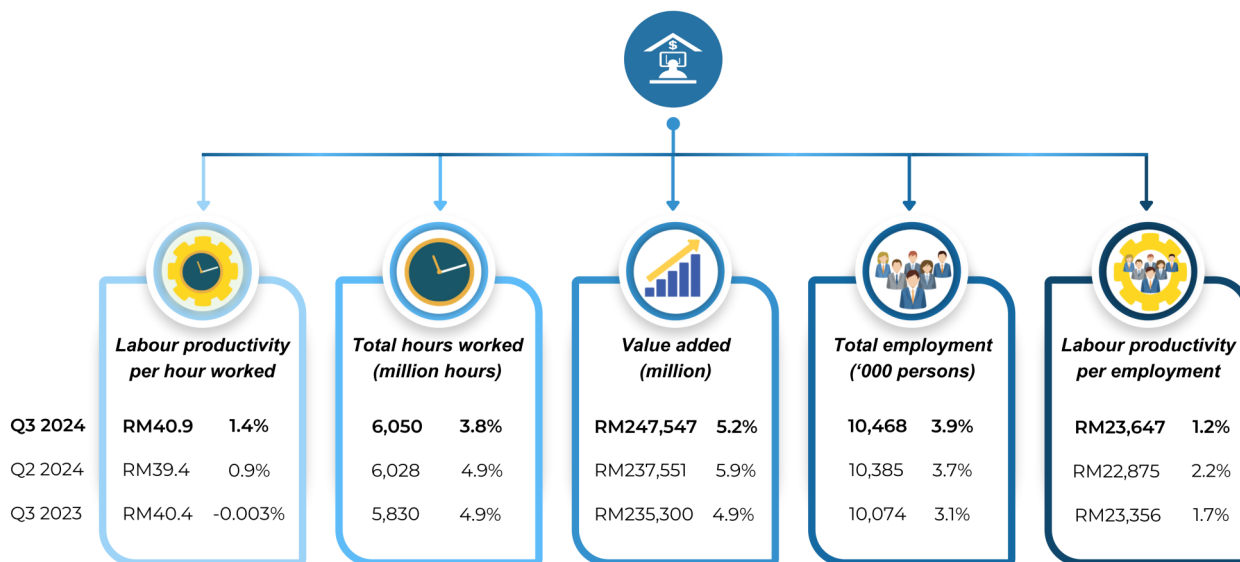
The growth in labour productivity per hour worked for the Services sector was contributed by the subsector of Real estate and business services (7.6%), Transportation and storage (7.6%), Other services (2.4%); and Food & beverages and accommodation (1.1%), while the other four sub-sectors recorded negative growth, namely Finance and insurance (-1.6%); Utilities (-1.2%); Information and communication (-0.5%); and Wholesale and retail trade (-0.3%).

In the meantime, **labour productivity per employment for Services sector rose 1.2 per cent** (Q2 2024: 2.2%) in this quarter, with an increase in total employment of 3.9 per cent (Q2 2024: 3.7%), reaching 10,468 thousand persons (Q2 2024: 10,385 thousand persons).

The positive growth in the labour productivity per employment for the Services sector was due to increment in most of its sub-sectors, namely Real estate and business services (6.4%); Transportation and storage (5.5%); Other services (3.1%); Finance and insurance (1.5%); Information and communication (0.6%); Wholesale and retail trade (0.4%), except for Utilities (-2.7%); and Food & beverages and accommodation (-0.8%).

In terms of level, **labour productivity measured as value added per hour worked in third quarter of 2024 for this sector was RM40.9 per hour** (Q2 2024: RM39.4 per hour), while **value added per employment was RM23,647 per person** (Q2 2024: RM22,875 per person).

Exhibit 5: Labour productivity of Services sector: Q3 2023, Q2 & Q3 2024



%: Refers to the annual percentages from the same quarter of the previous year (YoY)



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JADUAL

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1a Produktiviti buruh tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi, 2019 - 2023
Annual labour productivity, value added per hour worked by economic activity, 2019 - 2023

		(RM)				
Aktiviti ekonomi <i>Economic activity</i>		2019	2020	2021	2022 ^a	2023 ^p
1.	Pertanian <i>Agriculture</i>	25.8	26.2	25.0	25.0	24.8
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	556.3	554.4	536.6	534.7	527.2
3.	Pembuatan <i>Manufacturing</i>	51.7	55.2	56.9	56.9	55.3
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	30.4	32.5	31.0	29.5	29.3
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	187.4	184.7	191.3	214.3	216.9
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	12.1	10.8	11.2	10.9	11.3
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	28.3	30.8	32.1	30.8	29.3
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	90.7	95.4	100.3	97.2	94.1
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	41.7	40.3	40.0	40.4	41.5
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	63.6	72.4	76.4	80.4	75.5
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	64.7	73.1	68.3	70.8	69.7
4.	Pembinaan <i>Construction</i>	19.0	18.0	16.5	16.2	16.9
5.	Perkhidmatan <i>Services</i>	38.5	39.9	38.4	39.7	40.1
5.1	Utiliti <i>Utilities</i>	157.0	168.4	165.4	158.0	157.4
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	39.8	41.0	39.6	41.2	42.6
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	13.1	10.8	9.0	11.2	11.1
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	40.6	36.3	34.2	39.7	42.9
5.5	Maklumat dan komunikasi <i>Information and communication</i>	151.5	170.0	163.5	160.4	161.2
5.6	Kewangan dan insurans <i>Finance and insurance</i>	108.1	119.8	125.4	126.7	119.9
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	25.5	23.8	20.9	24.1	25.0
5.8	Perkhidmatan lain <i>Other services</i>	33.2	35.1	33.8	34.0	35.0
Produktiviti buruh <i>Labour productivity</i>		40.7	42.1	41.1	41.9	41.9



1b Produktiviti buruh tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi, 2019 - 2023:
 Perubahan peratusan tahunan
Annual labour productivity, value added per hour worked by economic activity, 2019 - 2023:
Annual percentage change

(%)

Aktiviti ekonomi <i>Economic activity</i>		2019	2020	2021	2022 ^e	2023 ^p
1.	Pertanian <i>Agriculture</i>	0.2	1.7	-4.7	-0.1	-0.8
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-0.4	-0.3	-3.2	-0.4	-1.4
3.	Pembuatan <i>Manufacturing</i>	2.5	6.9	3.0	-0.03	-2.8
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	-1.5	6.9	-4.7	-4.9	-0.4
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	1.0	-1.5	3.6	12.0	1.2
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	1.1	-10.9	3.5	-2.2	3.1
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	6.4	8.5	4.4	-4.1	-4.9
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	3.8	5.2	5.2	-3.1	-3.2
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	2.8	-3.3	-0.8	0.9	2.8
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	2.5	13.8	5.6	5.2	-6.1
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	5.6	13.0	-6.6	3.6	-1.6
4.	Pembinaan <i>Construction</i>	3.8	-5.0	-8.3	-1.9	4.4
5.	Perkhidmatan <i>Services</i>	2.7	3.5	-3.9	3.4	1.0
5.1	Utiliti <i>Utilities</i>	3.4	7.3	-1.8	-4.5	-0.4
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	4.1	3.0	-3.4	3.9	3.4
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	1.3	-17.1	-17.4	25.5	-1.4
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	4.3	-10.6	-5.8	16.3	8.0
5.5	Maklumat dan komunikasi <i>Information and communication</i>	2.0	12.2	-3.8	-1.9	0.5
5.6	Kewangan dan insurans <i>Finance and insurance</i>	2.7	10.8	4.7	1.0	-5.3
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	5.1	-6.7	-12.2	15.2	3.9
5.8	Perkhidmatan lain <i>Other services</i>	2.4	5.7	-3.9	0.7	2.8
Produktiviti buruh <i>Labour productivity</i>		2.3	3.6	-2.4	2.0	0.1

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2a Produktiviti buruh tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, 2019- 2023
Annual labour productivity, value added per employment by economic activity, 2019 - 2023

		(RM)				
	Aktiviti ekonomi <i>Economic activity</i>	2019	2020	2021	2022 ^e	2023 ^p
1.	Pertanian <i>Agriculture</i>	54,225	53,116	52,756	53,783	53,808
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	1,363,562	1,259,637	1,249,966	1,277,833	1,278,404
3.	Pembuatan <i>Manufacturing</i>	123,881	120,550	128,618	133,899	131,112
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	69,312	68,894	67,149	66,612	66,252
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	469,493	427,487	438,035	503,386	515,910
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	24,763	21,651	22,343	22,784	23,819
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	70,662	67,100	71,279	74,559	71,457
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	226,277	219,726	239,613	236,029	231,386
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	104,049	90,335	92,931	97,327	100,105
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	155,087	158,781	177,409	193,619	183,882
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	157,859	156,980	157,561	170,429	168,434
4.	Pembinaan <i>Construction</i>	45,421	38,322	36,696	38,647	40,552
5.	Perkhidmatan <i>Services</i>	89,568	84,480	85,150	90,781	92,259
5.1	Utiliti <i>Utilities</i>	370,687	364,038	370,303	370,742	377,436
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	95,968	89,378	89,380	96,592	100,111
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	30,516	22,471	19,874	25,409	25,225
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	99,432	78,090	79,635	96,061	103,902
5.5	Maklumat dan komunikasi <i>Information and communication</i>	356,995	366,574	379,101	382,741	378,558
5.6	Kewangan dan insurans <i>Finance and insurance</i>	249,085	255,361	282,493	284,313	272,529
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	61,056	51,695	47,550	56,627	59,933
5.8	Perkhidmatan lain <i>Other services</i>	72,420	71,869	71,782	74,429	77,008
Produktiviti buruh <i>Labour productivity</i>		94,138	89,179	90,968	96,061	96,780



2b Produktiviti buruh tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, 2019 - 2023:
 Perubahan peratusan tahunan
Annual labour productivity, value added per employment by economic activity, 2019 - 2023:
Annual percentage change

		Aktiviti ekonomi <i>Economic activity</i>					(%)
		2019	2020	2021	2022 ^a	2023 ^p	
1.	Pertanian <i>Agriculture</i>	0.3	-2.0	-0.7	1.9	0.05	RINGKASAN PENEMUAN Summary of Findings
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-0.3	-7.6	-0.8	2.2	0.04	
3.	Pembuatan <i>Manufacturing</i>	1.7	-2.7	6.7	4.1	-2.1	
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	0.9	-0.6	-2.5	-0.8	-0.5	JADUAL Tables
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	1.6	-8.9	2.5	14.9	2.5	
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	0.001	-12.6	3.2	2.0	4.5	
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	3.8	-5.0	6.2	4.6	-4.2	
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	1.1	-2.9	9.1	-1.5	-2.0	
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	3.6	-13.2	2.9	4.7	2.9	
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	1.0	2.4	11.7	9.1	-5.0	
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	5.2	-0.6	0.4	8.2	-1.2	
4.	Pembinaan <i>Construction</i>	3.6	-15.6	-4.2	5.3	4.9	INDEXES Indices
5.	Perkhidmatan <i>Services</i>	2.9	-5.7	0.8	6.6	1.6	
5.1	Utiliti <i>Utilities</i>	3.8	-1.8	1.7	0.1	1.8	NOTA TEKNIKAL Technical Notes
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	3.5	-6.9	0.002	8.1	3.6	
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	1.7	-26.4	-11.6	27.8	-0.7	
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	4.2	-21.5	2.0	20.6	8.2	
5.5	Maklumat dan komunikasi <i>Information and communication</i>	0.8	2.7	3.4	1.0	-1.1	
5.6	Kewangan dan insurans <i>Finance and insurance</i>	3.0	2.5	10.6	0.6	-4.1	
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	4.6	-15.3	-8.0	19.1	5.8	
5.8	Perkhidmatan lain <i>Other services</i>	3.6	-0.8	-0.1	3.7	3.5	
Produktiviti buruh <i>Labour productivity</i>		2.2	-5.3	2.0	5.6	0.7	



3a Produktiviti buruh tahunan, nilai ditambah per jam bekerja mengikut 11 subsektor keutamaan, 2019 - 2023
Annual labour productivity, value added per hour worked by 11 priority sub-sectors, 2019 - 2023

		(RM)				
	Aktiviti ekonomi <i>Economic activity</i>	2019	2020	2021	2022 ^a	2023 ^p
1.	Agromakanan <i>Agro-food</i>	45.9	48.2	47.5	46.0	46.5
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	119.3	121.9	133.0	129.0	128.5
3.	Elektrik dan elektronik <i>Electrical and electronics</i>	69.9	80.9	85.4	89.8	83.1
4.	Mesin dan peralatan <i>Machinery and equipment</i>	36.3	38.8	40.8	41.0	41.0
5.	Pembinaan & alam bina <i>Construction & built environment</i>	19.0	18.0	16.5	16.2	16.9
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	20.3	20.0	18.9	20.8	20.7
7.	Logistik <i>Logistic</i>	40.4	36.6	34.5	38.8	41.7
8.	Pelancongan <i>Tourism</i>	30.5	19.0	14.2	29.3	35.1
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	151.5	170.0	163.5	160.4	161.2
10.	Perkhidmatan profesional <i>Professional services</i>	37.5	38.0	33.6	37.1	38.5
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	27.1	26.7	28.7	29.5	30.8
Produktiviti buruh <i>Labour productivity</i>		33.6	34.7	34.0	35.6	35.7



3b Produktiviti buruh tahunan, nilai ditambah per jam bekerja mengikut 11 subsektor keutamaan, 2019 - 2023:
 Perubahan peratusan tahunan
Annual labour productivity, value added per hour worked by 11 priority sub-sectors, 2019 - 2023:
Annual percentage change

							(%)
Aktiviti ekonomi <i>Economic activity</i>		2019	2020	2021	2022 ^e	2023 ^p	
1.	Agromakanan <i>Agro-food</i>	1.3	5.1	-1.5	-3.2	1.1	RINGKASAN PENEMUAN Summary of Findings
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	0.3	2.2	9.1	-3.0	-0.4	
3.	Elektrik dan elektronik <i>Electrical and electronics</i>	2.8	15.8	5.5	5.1	-7.4	
4.	Mesin dan peralatan <i>Machinery and equipment</i>	2.6	6.7	5.2	0.4	-0.1	
5.	Pembinaan & alam bina <i>Construction & built environment</i>	3.8	-5.0	-8.3	-1.9	4.4	
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	3.6	-1.4	-5.8	10.3	-0.3	JADUAL Tables
7.	Logistik <i>Logistic</i>	7.1	-9.4	-5.8	12.4	7.5	
8.	Pelancongan <i>Tourism</i>	4.9	-37.6	-25.6	106.8	19.9	
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	2.0	12.2	-3.8	-1.9	0.5	
10.	Perkhidmatan professional <i>Professional services</i>	5.8	1.1	-11.5	10.5	3.7	
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	2.0	-1.4	7.2	2.8	4.4	INDEKS Indices
Produktiviti buruh <i>Labour productivity</i>		3.3	3.4	-2.1	4.8	0.3	

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4a Produktiviti buruh tahunan, nilai ditambah per pekerja mengikut 11 subsektor keutamaan, 2019 - 2023
Annual labour productivity, value added per employment by 11 priority sub-sectors, 2019 - 2023

		(RM)				
	Aktiviti ekonomi <i>Economic activity</i>	2019	2020	2021	2022 ^e	2023 ^p
1.	Agromakanan <i>Agro-food</i>	91,306	91,154	93,744	94,121	95,542
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	288,306	276,827	304,930	311,678	313,588
3.	Elektrik dan elektronik <i>Electrical and electronics</i>	170,471	177,044	198,152	216,194	201,877
4.	Mesin dan peralatan <i>Machinery and equipment</i>	88,408	86,229	94,599	99,067	101,288
5.	Pembinaan & alam bina <i>Construction & built environment</i>	45,421	38,322	36,696	38,647	40,552
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	47,806	42,740	42,056	47,634	47,750
7.	Logistik <i>Logistic</i>	99,147	80,437	81,150	94,848	101,447
8.	Pelancongan <i>Tourism</i>	74,092	38,124	29,657	68,514	83,128
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	356,995	366,574	379,101	382,741	378,558
10.	Perkhidmatan profesional <i>Professional services</i>	86,671	78,014	75,019	83,734	89,357
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	62,906	57,991	63,529	67,833	71,696
Produktiviti buruh <i>Labour productivity</i>		78,792	73,537	75,577	82,381	83,107



4b Produktiviti buruh tahunan, nilai ditambah per pekerja mengikut 11 subsektor keutamaan, 2019 - 2023:
 Perubahan peratusan tahunan
Annual labour productivity, value added per employment by 11 priority sub-sectors, 2019 - 2023:
Annual percentage change

		(%)				
Aktiviti ekonomi <i>Economic activity</i>		2019	2020	2021	2022 ^e	2023 ^p
1.	Agromakanan <i>Agro-food</i>	2.4	-0.2	2.8	0.4	1.5
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	-2.1	-4.0	10.2	2.2	0.6
3.	Elektrik dan elektronik <i>Electrical and electronics</i>	1.3	3.9	11.9	9.1	-6.6
4.	Mesin dan peralatan <i>Machinery and equipment</i>	0.7	-2.5	9.7	4.7	2.2
5.	Pembinaan & alam bina <i>Construction & built environment</i>	3.6	-15.6	-4.2	5.3	4.9
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	3.2	-10.6	-1.6	13.3	0.2
7.	Logistik <i>Logistic</i>	6.7	-18.9	0.9	16.9	7.0
8.	Pelancongan <i>Tourism</i>	5.3	-48.5	-22.2	131.0	21.3
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	0.8	2.7	3.4	1.0	-1.1
10.	Perkhidmatan profesional <i>Professional services</i>	5.9	-10.0	-3.8	11.6	6.7
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	1.8	-7.8	9.6	6.8	5.7
Produktiviti buruh <i>Labour productivity</i>		2.9	-6.7	2.8	9.0	0.9

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5a Produktiviti buruh suku tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi, ST1 2020 - ST3 2024

(RM)

Aktiviti ekonomi <i>Economic activity</i>		2020				2021	
		I	II	III	IV	I	II
1.	Pertanian <i>Agriculture</i>	23.1	28.8	28.5	24.9	22.9	24.3
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	569.2	616.5	467.3	585.7	564.4	566.0
3.	Pembuatan <i>Manufacturing</i>	50.8	59.8	56.0	55.8	54.9	57.2
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	27.0	41.3	34.1	29.4	27.3	32.7
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	158.3	150.7	220.7	206.6	193.6	209.4
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	11.1	9.0	11.4	11.4	11.5	11.1
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	30.1	32.9	30.2	30.7	33.7	33.2
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	90.3	95.4	97.3	98.3	94.2	97.6
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	38.7	40.2	42.6	39.9	39.1	40.4
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	69.5	84.6	68.7	70.5	77.4	75.4
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	55.2	86.4	74.0	83.4	61.9	70.4
4.	Pembinaan <i>Construction</i>	18.7	18.2	17.9	17.4	17.0	16.8
5.	Perkhidmatan <i>Services</i>	38.3	44.5	38.6	39.6	37.8	37.6
5.1	Utiliti <i>Utilities</i>	155.8	201.6	161.8	162.9	158.1	166.2
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	38.3	41.3	41.3	43.3	39.2	37.8
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	12.7	11.1	10.0	9.5	9.3	8.8
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	38.4	36.4	36.2	34.1	32.5	33.2
5.5	Maklumat dan komunikasi <i>Information and communication</i>	159.9	235.8	155.8	151.5	165.4	163.9
5.6	Kewangan dan insurans <i>Finance and insurance</i>	115.4	127.3	116.3	121.7	126.5	124.9
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	25.2	27.9	22.0	21.3	21.8	21.1
5.8	Perkhidmatan lain <i>Other services</i>	33.5	40.0	32.7	35.6	32.3	32.7
Produktiviti buruh <i>Labour productivity</i>		40.0	46.6	41.2	41.8	40.3	40.7



5a Quarterly labour productivity, value added per hour worked by economic activity, Q1 2020 - Q3 2024

(RM)

2021		2022 ^o				2023 ^p				2024		
III	IV	I	II	III	IV	I	II	III	IV	I	II	III
27.4	25.4	23.2	23.6	27.5	25.6	23.1	23.0	27.1	25.8	23.4	24.4	28.2
485.9	531.0	537.7	531.0	511.9	558.2	541.3	496.4	504.4	566.5	555.7	514.9	475.5
57.1	58.3	54.9	56.2	57.9	58.5	55.0	54.0	55.3	56.9	54.8	55.6	57.2
33.6	30.3	25.5	30.3	31.9	30.2	26.1	29.4	30.7	31.1	25.5	29.3	32.1
137.7	224.7	193.1	253.1	200.2	212.7	203.9	246.0	211.4	205.4	185.0	260.0	206.4
10.7	11.5	11.0	10.3	10.9	11.6	11.5	10.7	11.2	11.8	11.9	11.3	11.2
30.2	31.3	33.9	31.2	29.2	29.0	31.8	29.2	27.3	29.0	32.5	30.9	29.9
108.2	101.2	89.9	92.3	106.7	99.7	89.7	88.1	101.6	96.7	87.1	87.1	100.5
39.3	41.2	40.4	40.1	39.2	41.7	41.2	41.6	40.2	42.9	43.6	45.1	43.3
75.3	77.4	83.6	78.2	79.6	80.2	82.8	72.4	73.5	73.6	80.3	75.3	77.6
55.2	84.2	59.0	75.7	65.7	82.4	59.0	72.3	64.4	83.4	60.7	74.2	62.9
16.9	15.5	15.6	15.9	16.6	16.8	16.7	16.5	17.4	17.2	18.7	19.6	20.9
38.1	39.9	38.3	39.1	40.4	40.9	39.3	39.0	40.4	41.5	40.1	39.4	40.9
172.6	165.4	153.6	163.6	163.1	152.1	149.7	161.2	158.6	159.9	159.8	158.6	156.7
38.4	42.9	38.3	40.1	42.5	43.7	40.2	40.4	43.9	45.9	40.8	41.2	43.8
8.0	9.8	10.7	11.1	11.4	11.8	11.3	11.1	10.7	11.2	11.4	10.9	10.9
33.7	37.2	39.2	39.5	40.0	40.3	42.2	41.8	42.8	44.7	46.6	44.9	46.1
166.5	158.4	164.8	165.8	159.0	152.9	163.9	161.9	161.3	157.7	160.9	160.3	160.4
124.6	125.6	124.4	120.7	128.8	133.2	132.3	111.1	122.0	115.3	121.1	120.3	120.1
20.1	20.6	23.0	24.2	24.9	24.1	24.1	24.9	25.2	25.9	25.9	25.8	27.1
34.7	35.4	33.2	32.9	34.1	35.8	34.1	34.2	34.8	36.8	34.9	33.9	35.6
41.1	42.3	40.5	41.2	42.7	43.3	41.2	40.7	42.2	43.6	42.1	41.7	43.3

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5b Produktiviti buruh suku tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi, ST1 2020 - ST3 2024:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

		(%)					
		2020				2021	
Aktiviti ekonomi Economic activity		I	II	III	IV	I	II
1.	Pertanian Agriculture	-7.2	15.8	0.6	-1.0	-0.7	-15.6
2.	Perlombongan dan pengkuarian Mining and quarrying	2.9	7.8	-4.3	-5.5	-0.8	-8.2
3.	Pembuatan Manufacturing	2.0	14.9	6.8	6.0	8.1	-4.2
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan Vegetable and animal oils & fats and food processing	-4.5	35.3	10.4	-7.8	1.1	-20.9
3.2	Minuman dan produk tembakau Beverages and tobacco products	0.9	-29.3	11.3	13.9	22.3	39.0
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	-0.9	-33.0	-8.5	-0.1	3.8	22.5
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	2.7	16.7	7.5	10.3	12.1	1.1
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	4.2	8.3	3.1	5.4	4.3	2.3
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	2.4	-12.6	-2.0	0.4	1.0	0.5
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	4.5	35.7	12.3	9.8	11.4	-10.9
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	-0.5	31.0	10.9	18.8	12.0	-18.5
4.	Pembinaan Construction	-1.7	-2.8	-8.8	-6.5	-8.7	-7.8
5.	Perkhidmatan Services	3.8	17.6	-0.9	-2.4	-1.2	-15.5
5.1	Utiliti Utilities	1.3	26.2	1.8	4.9	1.5	-17.6
5.2	Perdagangan borong dan runcit Wholesale and retail trade	2.3	9.3	0.7	0.4	2.2	-8.4
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	0.7	-14.6	-23.2	-30.1	-26.8	-21.2
5.4	Pengangkutan dan penyimpanan Transportation and storage	0.4	-11.9	-13.1	-17.4	-15.5	-8.8
5.5	Maklumat dan komunikasi Information and communication	3.2	51.1	1.7	6.3	3.4	-30.5
5.6	Kewangan dan insurans Finance and insurance	7.1	21.2	7.9	8.6	9.6	-1.8
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	3.2	7.1	-12.9	-19.2	-13.5	-24.3
5.8	Perkhidmatan lain Other services	6.7	24.8	-0.9	-2.9	-3.4	-18.3
Produktiviti buruh Labour productivity		2.1	15.8	0.3	-0.5	0.6	-12.7



5b Quarterly labour productivity, value added per hour worked by economic activity, Q1 2020 - Q3 2024:

													(%)
2021		2022 ^e				2023 ^p				2024			
III	IV	I	II	III	IV	I	II	III	IV	I	II	III	
-3.7	1.8	1.3	-2.6	0.2	0.8	-0.4	-2.5	-1.4	1.0	1.0	6.0	4.1	
4.0	-9.3	-4.7	-6.2	5.4	5.1	0.7	-6.5	-1.5	1.5	2.7	3.7	-5.7	
2.1	4.6	-0.03	-1.9	1.4	0.4	0.2	-3.9	-4.5	-2.8	-0.3	2.9	3.4	
-1.6	3.3	-6.6	-7.4	-5.0	-0.4	2.2	-3.0	-3.5	2.9	-2.4	-0.3	4.3	
-37.6	8.8	-0.3	20.9	45.4	-5.4	5.6	-2.8	5.6	-3.4	-9.3	5.7	-2.3	
-6.4	0.2	-3.7	-7.0	1.5	1.2	4.4	3.8	2.8	1.5	3.1	5.7	-0.02	
-0.1	1.8	0.7	-6.1	-3.2	-7.4	-6.4	-6.2	-6.4	0.1	2.3	5.7	9.3	
11.1	2.9	-4.5	-5.4	-1.4	-1.5	-0.3	-4.6	-4.8	-3.0	-2.9	-1.1	-1.1	
-7.9	3.3	3.4	-0.9	-0.1	1.4	1.9	3.9	2.5	2.7	6.1	8.3	7.7	
9.5	9.8	8.0	3.7	5.8	3.6	-0.9	-7.5	-7.7	-8.2	-3.0	4.0	5.5	
-25.4	0.9	-4.6	7.5	19.0	-2.1	0.004	-4.5	-2.0	1.2	2.8	2.6	-2.3	
-5.7	-10.8	-8.1	-5.0	-2.1	8.1	6.4	3.5	5.1	2.6	12.5	19.1	20.1	
-1.2	0.8	1.2	4.0	6.0	2.6	2.7	-0.04	-0.003	1.4	1.9	0.9	1.4	
6.6	1.5	-2.9	-1.5	-5.5	-8.0	-2.5	-1.5	-2.7	5.1	6.8	-1.6	-1.2	
-6.8	-0.9	-2.2	6.2	10.6	1.8	4.9	0.7	3.2	5.1	1.6	1.8	-0.3	
-20.4	2.5	15.7	26.5	42.3	20.5	5.6	-0.03	-5.5	-5.0	1.1	-2.2	1.1	
-6.9	9.1	20.8	19.0	18.5	8.1	7.8	5.9	7.1	11.1	10.4	7.4	7.6	
6.9	4.6	-0.4	1.2	-4.5	-3.5	-0.5	-2.4	1.4	3.2	-1.8	-1.0	-0.5	
7.2	3.2	-1.6	-3.4	3.3	6.0	6.3	-8.0	-5.3	-13.5	-8.4	8.3	-1.6	
-8.5	-3.5	5.5	14.9	24.0	17.3	4.7	2.7	0.9	7.3	7.2	3.4	7.6	
6.0	-0.6	2.7	0.7	-1.7	1.0	2.6	4.0	2.0	2.8	2.5	-0.8	2.4	
-0.3	1.2	0.4	1.2	3.9	2.3	1.9	-1.2	-1.0	0.6	2.0	2.5	2.6	

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6a Produktiviti buruh suku tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, ST1 2020 - ST3 2024

						(RM)	
		2020				2021	
Aktiviti ekonomi <i>Economic activity</i>		I	II	III	IV	I	II
1.	Pertanian <i>Agriculture</i>	11,964	13,186	14,881	13,086	12,064	12,751
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	341,791	286,955	283,881	351,270	333,475	323,649
3.	Pembuatan <i>Manufacturing</i>	29,745	25,672	32,464	32,573	31,364	31,630
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	15,238	18,699	18,686	16,295	14,678	17,476
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	95,969	75,028	134,836	122,882	110,450	116,777
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	5,617	4,082	5,851	6,067	5,825	5,351
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	18,230	12,710	17,999	17,989	19,221	17,850
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	54,624	47,228	58,505	59,151	56,225	57,512
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	23,718	17,039	25,268	24,247	23,381	22,809
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	41,029	34,725	40,994	41,941	45,429	42,560
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	33,372	28,632	44,159	50,466	36,527	40,338
4.	Pembinaan <i>Construction</i>	10,795	6,600	10,604	10,221	9,898	9,089
5.	Perkhidmatan <i>Services</i>	21,686	18,499	21,856	22,394	21,224	20,655
5.1	Utiliti <i>Utilities</i>	89,728	87,859	94,109	92,298	90,092	92,683
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	22,392	17,479	24,030	25,472	22,436	20,961
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	7,104	4,503	5,487	5,291	5,127	4,751
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	22,513	13,909	21,496	19,915	19,046	19,136
5.5	Maklumat dan komunikasi <i>Information and communication</i>	94,477	92,181	91,181	89,006	95,873	94,549
5.6	Kewangan dan insurans <i>Finance and insurance</i>	64,705	56,395	65,105	69,256	71,764	70,126
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	14,878	11,663	12,687	12,414	12,631	11,940
5.8	Perkhidmatan lain <i>Other services</i>	17,939	16,771	18,081	19,056	17,402	17,447
Produktiviti buruh <i>Labour productivity</i>		22,613	19,530	23,327	23,661	22,572	22,237



6a Quarterly labour productivity, value added per employment by economic activity, Q1 2020 - Q3 2024

(RM)

2021		2022 ^o				2023 ^p				2024		
III	IV	I	II	III	IV	I	II	III	IV	I	II	III
14,458	13,477	12,364	12,642	14,881	13,889	12,399	12,521	14,841	14,043	12,608	13,292	15,275
279,934	313,635	321,602	312,683	308,071	335,432	324,993	303,773	303,351	346,305	343,404	311,331	291,136
31,265	34,296	32,264	32,921	33,838	34,853	32,474	32,075	32,801	33,745	32,532	33,054	34,150
17,916	17,040	14,604	17,014	17,831	17,121	14,924	16,467	17,381	17,416	14,337	16,889	18,333
79,123	131,919	115,193	146,336	118,093	124,337	119,031	151,452	118,582	126,998	124,661	157,483	127,344
5,251	5,897	5,770	5,386	5,584	6,061	6,196	5,843	5,801	5,980	6,190	5,984	5,986
15,644	18,532	20,120	18,831	17,561	18,049	19,143	17,771	16,882	17,708	19,320	18,446	17,861
63,915	61,953	54,600	55,673	64,346	61,364	54,935	54,537	62,409	59,443	54,578	55,436	63,632
21,598	25,077	24,172	24,116	23,734	25,297	24,767	25,067	24,259	25,999	26,030	26,641	25,845
42,547	46,821	50,249	46,825	47,455	49,128	49,124	44,256	44,984	45,536	49,498	45,598	47,556
29,841	50,595	36,020	45,492	39,019	49,551	36,277	43,129	38,620	50,478	37,115	44,799	38,549
8,608	9,095	9,363	9,374	9,892	10,018	9,987	9,858	10,452	10,254	11,057	11,466	12,423
20,606	22,642	21,987	22,197	22,964	23,601	22,634	22,388	23,356	23,863	23,079	22,875	23,647
91,310	96,186	90,847	93,186	93,684	92,979	90,774	95,825	95,355	95,396	94,058	93,183	92,780
21,126	24,802	22,323	23,289	24,886	26,029	23,722	23,888	25,767	26,696	24,006	24,167	25,862
4,425	5,567	6,187	6,199	6,445	6,566	6,451	6,231	6,218	6,327	6,424	6,164	6,168
19,135	22,272	23,676	23,639	23,980	24,726	25,547	25,260	25,847	27,233	27,626	26,720	27,273
95,614	93,153	97,275	96,071	95,805	93,697	95,145	94,826	94,880	93,729	95,598	95,175	95,421
68,757	71,850	71,643	69,374	71,611	71,674	71,159	64,640	69,795	66,936	70,658	69,484	70,833
11,054	11,919	13,647	14,098	14,295	14,570	14,593	14,766	15,165	15,403	15,662	15,684	16,133
17,785	19,134	18,154	18,050	18,562	19,645	18,710	18,667	19,275	20,344	19,376	19,217	19,867
22,090	24,053	23,207	23,445	24,375	25,009	23,744	23,434	24,486	25,101	24,236	24,154	25,077

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6b Produktiviti buruh suku tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, ST1 2020 - ST3 2024:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

						(%)	
		2020				2021	
Aktiviti ekonomi Economic activity		I	II	III	IV	I	II
1.	Pertanian Agriculture	-8.9	1.2	0.3	-0.9	0.8	-3.3
2.	Perlombongan dan pengkuarian Mining and quarrying	-1.2	-16.3	-4.4	-8.3	-2.4	12.8
3.	Pembuatan Manufacturing	-0.3	-17.5	3.6	3.2	5.4	23.2
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan Vegetable and animal oils & fats and food processing	-5.1	6.9	5.3	-9.4	-3.7	-6.5
3.2	Minuman dan produk tembakau Beverages and tobacco products	-2.8	-44.4	8.6	10.1	15.1	55.6
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	-0.7	-39.9	-7.2	0.8	3.7	31.1
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	0.5	-29.0	3.0	4.9	5.4	40.4
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	1.7	-13.8	-0.2	0.1	2.9	21.8
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	-0.5	-39.9	-6.3	-2.7	-1.4	33.9
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	0.2	-8.2	9.7	7.7	10.7	22.6
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	-1.8	-28.4	9.0	17.1	9.5	40.9
4.	Pembinaan Construction	-5.4	-40.5	-10.1	-8.2	-8.3	37.7
5.	Perkhidmatan Services	0.6	-15.4	-3.5	-4.6	-2.1	11.7
5.1	Utiliti Utilities	-1.4	-6.8	-0.6	1.7	0.4	5.5
5.2	Perdagangan borong dan runcit Wholesale and retail trade	-0.2	-22.9	-3.0	-2.4	0.2	19.9
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	-4.5	-39.6	-28.1	-33.6	-27.8	5.5
5.4	Pengangkutan dan penyimpanan Transportation and storage	-3.9	-44.4	-16.0	-21.7	-15.4	37.6
5.5	Maklumat dan komunikasi Information and communication	2.0	1.4	1.7	5.5	1.5	2.6
5.6	Kewangan dan insurans Finance and insurance	3.6	-5.7	5.4	6.4	10.9	24.3
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	1.3	-25.0	-15.7	-21.3	-15.1	2.4
5.8	Perkhidmatan lain Other services	3.6	-4.5	0.01	-2.1	-3.0	4.0
Produktiviti buruh Labour productivity		-0.9	-15.8	-2.1	-2.6	-0.2	13.9



6b Quarterly labour productivity, value added per employment by economic activity, Q1 2020 - Q3 2024:

(%)

2021		2022 ^o				2023 ^p				2024		
III	IV	I	II	III	IV	I	II	III	IV	I	II	III
-2.8	3.0	2.5	-0.9	2.9	3.1	0.3	-1.0	-0.3	1.1	1.7	6.2	2.9
-1.4	-10.7	-3.6	-3.4	10.1	6.9	1.1	-2.8	-1.5	3.2	5.7	2.5	-4.0
-3.7	5.3	2.9	4.1	8.2	1.6	0.7	-2.6	-3.1	-3.2	0.2	3.1	4.1
-4.1	4.6	-0.5	-2.6	-0.5	0.5	2.2	-3.2	-2.5	1.7	-3.9	2.6	5.5
-41.3	7.4	4.3	25.3	49.3	-5.7	3.3	3.5	0.4	2.1	4.7	4.0	7.4
-10.2	-2.8	-0.9	0.7	6.3	2.8	7.4	8.5	3.9	-1.3	-0.1	2.4	3.2
-13.1	3.0	4.7	5.5	12.3	-2.6	-4.9	-5.6	-3.9	-1.9	0.9	3.8	5.8
9.2	4.7	-2.9	-3.2	0.7	-0.9	0.6	-2.0	-3.0	-3.1	-0.7	1.6	2.0
-14.5	3.4	3.4	5.7	9.9	0.9	2.5	3.9	2.2	2.8	5.1	6.3	6.5
3.8	11.6	10.6	10.0	11.5	4.9	-2.2	-5.5	-5.2	-7.3	0.8	3.0	5.7
-32.4	0.3	-1.4	12.8	30.8	-2.1	0.7	-5.2	-1.0	1.9	2.3	3.9	-0.2
-18.8	-11.0	-5.4	3.1	14.9	10.1	6.7	5.2	5.7	2.4	10.7	16.3	18.9
-5.7	1.1	3.6	7.5	11.4	4.2	2.9	0.9	1.7	1.1	2.0	2.2	1.2
-3.0	4.2	0.8	0.5	2.6	-3.3	-0.1	2.8	1.8	2.6	3.6	-2.8	-2.7
-12.1	-2.6	-0.5	11.1	17.8	4.9	6.3	2.6	3.5	2.6	1.2	1.2	0.4
-19.4	5.2	20.7	30.5	45.7	18.0	4.3	0.5	-3.5	-3.6	-0.4	-1.1	-0.8
-11.0	11.8	24.3	23.5	25.3	11.0	7.9	6.9	7.8	10.1	8.1	5.8	5.5
4.9	4.7	1.5	1.6	0.2	0.6	-2.2	-1.3	-1.0	0.03	0.5	0.4	0.6
5.6	3.7	-0.2	-1.1	4.2	-0.2	-0.7	-6.8	-2.5	-6.6	-0.7	7.5	1.5
-12.9	-4.0	8.0	18.1	29.3	22.2	6.9	4.7	6.1	5.7	7.3	6.2	6.4
-1.6	0.4	4.3	3.5	4.4	2.7	3.1	3.4	3.8	3.6	3.6	2.9	3.1
-5.3	1.7	2.8	5.4	10.3	4.0	2.3	-0.05	0.5	0.4	2.1	3.1	2.4

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7a Keluaran Dalam Negeri Kasar (KDNK) tahunan mengikut aktiviti ekonomi pada harga malar 2015, 2019 - 2023
Annual Gross Domestic Product (GDP) by economic activity at constant 2015 prices, 2019 - 2023

		(RM juta/ RM million)				
Aktiviti ekonomi Economic activity		2019	2020	2021	2022 ^e	2023 ^p
1.	Pertanian Agriculture	101,573	99,109	98,843	100,082	100,812
2.	Perlombongan dan pengkuarian Mining and quarrying	102,887	92,879	93,717	97,001	97,513
3.	Pembuatan Manufacturing	316,283	307,606	336,724	364,124	366,694
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan Vegetable and animal oils & fats and food processing	30,448	30,881	31,516	32,856	34,524
3.2	Minuman dan produk tembakau Beverages and tobacco products	9,181	7,709	7,756	9,062	9,625
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	6,251	5,444	5,837	6,171	6,244
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	21,685	20,075	21,341	22,947	22,864
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	90,982	90,084	101,787	102,892	102,068
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	37,716	32,797	34,102	36,689	38,584
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	89,133	91,361	104,745	119,615	117,708
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	30,887	29,255	29,640	33,892	35,076
4.	Pembinaan Construction	66,453	53,616	50,839	53,426	56,659
5.	Perkhidmatan Services	820,576	777,693	795,116	882,723	927,904
5.1	Utiliti Utilities	38,326	37,950	39,021	40,358	41,411
5.2	Perdagangan borong dan runcit Wholesale and retail trade	242,704	228,561	233,686	265,813	281,372
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	49,821	36,539	32,622	43,927	47,305
5.4	Pengangkutan dan penyimpanan Transportation and storage	53,632	42,078	42,603	55,148	62,782
5.5	Maklumat dan komunikasi Information and communication	84,225	89,203	94,600	99,283	102,828
5.6	Kewangan dan insurans Finance and insurance	93,358	96,102	105,771	106,631	104,188
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	68,762	58,766	53,420	65,558	71,264
5.8	Perkhidmatan lain Other services	189,747	188,494	193,392	206,005	216,754
tambah Duti import plus Import duties		16,179	15,346	15,642	16,784	18,392
KDNK pada harga pembeli GDP at purchasers' prices		1,423,952	1,346,249	1,390,882	1,514,139	1,567,974



7b Keluaran Dalam Negeri Kasar (KDNK) tahunan mengikut aktiviti ekonomi pada harga malar 2015, 2019 - 2023:
Perubahan peratusan tahunan
Annual Gross Domestic Product (GDP) by economic activity at constant 2015 prices, 2019- 2023:
Annual percentage change

		(%)				
Aktiviti ekonomi Economic activity		2019	2020	2021	2022 ^e	2023 ^p
1.	Pertanian Agriculture	1.9	-2.4	-0.3	1.3	0.7
2.	Perlombongan dan pengkuarian Mining and quarrying	-0.6	-9.7	0.9	3.5	0.5
3.	Pembuatan Manufacturing	3.8	-2.7	9.5	8.1	0.7
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan Vegetable and animal oils & fats and food processing	3.3	1.4	2.1	4.2	5.1
3.2	Minuman dan produk tembakau Beverages and tobacco products	4.1	-16.0	0.6	16.8	6.2
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	5.5	-12.9	7.2	5.7	1.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	5.4	-7.4	6.3	7.5	-0.4
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	2.9	-1.0	13.0	1.1	-0.8
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	4.1	-13.0	4.0	7.6	5.2
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	3.3	2.5	14.6	14.2	-1.6
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	6.1	-5.3	1.3	14.3	3.5
4.	Pembinaan Construction	0.4	-19.3	-5.2	5.1	6.1
5.	Perkhidmatan Services	6.2	-5.2	2.2	11.0	5.1
5.1	Utiliti Utilities	6.1	-1.0	2.8	3.4	2.6
5.2	Perdagangan borong dan runcit Wholesale and retail trade	6.8	-5.8	2.2	13.7	5.9
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	9.5	-26.7	-10.7	34.7	7.7
5.4	Pengangkutan dan penyimpanan Transportation and storage	6.8	-21.5	1.2	29.4	13.8
5.5	Maklumat dan komunikasi Information and communication	6.5	5.9	6.1	5.0	3.6
5.6	Kewangan dan insurans Finance and insurance	4.8	2.9	10.1	0.8	-2.3
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	7.9	-14.5	-9.1	22.7	8.7
5.8	Perkhidmatan lain Other services	4.2	-0.7	2.6	6.5	5.2
tambah Duti import plus Import duties		-2.2	-5.2	1.9	7.3	9.6
KDNK pada harga pembeli GDP at purchasers' prices		4.4	-5.5	3.3	8.9	3.6

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8a Keluaran Dalam Negeri Kasar (KDNK) suku tahunan mengikut aktiviti ekonomi pada harga malar 2015, ST1 2020 - ST3 2024

Aktiviti ekonomi <i>Economic activity</i>		(RM juta/ RM million)					
		2020				2021	
		I	II	III	IV	I	II
1.	Pertanian <i>Agriculture</i>	22,532	24,421	27,938	24,218	22,557	24,050
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	25,460	21,387	22,009	24,023	24,630	24,073
3.	Pembuatan <i>Manufacturing</i>	76,635	64,343	82,446	84,182	81,682	81,516
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	6,779	8,291	8,354	7,457	6,760	8,117
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	1,920	1,294	2,357	2,137	2,005	2,004
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	1,502	997	1,426	1,519	1,531	1,381
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	5,599	3,683	5,369	5,424	5,822	5,109
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	22,202	19,067	24,068	24,747	23,838	24,441
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	8,617	6,129	9,151	8,900	8,694	8,162
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	23,641	19,724	23,557	24,439	26,146	24,918
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	6,376	5,157	8,164	9,558	6,886	7,384
4.	Pembinaan <i>Construction</i>	15,377	9,003	14,890	14,346	13,766	12,634
5.	Perkhidmatan <i>Services</i>	201,339	168,097	201,009	207,248	197,340	191,669
5.1	Utiliti <i>Utilities</i>	9,350	9,041	9,736	9,823	9,523	9,703
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	56,956	44,696	61,931	64,978	57,840	54,297
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	11,981	7,116	8,741	8,700	8,357	7,765
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	12,706	7,269	11,237	10,865	10,596	9,996
5.5	Maklumat dan komunikasi <i>Information and communication</i>	21,830	22,162	22,622	22,589	23,142	23,399
5.6	Kewangan dan insurans <i>Finance and insurance</i>	24,231	21,382	24,659	25,830	26,940	26,299
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	17,163	12,982	14,456	14,165	14,223	13,393
5.8	Perkhidmatan lain <i>Other services</i>	47,121	43,448	47,627	50,299	46,720	46,816
tambah Duti import <i>plus Import duties</i>		3,347	3,435	3,844	4,720	3,938	4,218
KDNK pada harga pembeli <i>GDP at purchasers' prices</i>		344,690	290,686	352,137	358,736	343,912	338,160



8a Quarterly Gross Domestic Product (GDP) by economic activity at constant 2015 prices, Q1 2020 - Q3 2024

(RM juta/ RM million)												
2021		2022 ^a				2023 ^p				2024		
III	IV	I	II	III	IV	I	II	III	IV	I	II	III
27,315	24,921	22,924	23,666	27,944	25,549	23,242	23,498	28,030	26,042	23,646	25,222	29,134
21,207	23,807	24,377	23,667	23,421	25,535	24,755	23,173	23,162	26,422	26,172	23,808	22,253
81,670	91,857	87,174	89,038	92,399	95,512	89,990	89,152	92,291	95,261	91,727	93,369	97,432
8,402	8,236	7,097	8,319	8,845	8,595	7,604	8,497	9,206	9,218	7,576	8,923	9,908
1,405	2,342	2,122	2,584	2,107	2,249	2,239	2,812	2,203	2,371	2,387	3,036	2,422
1,346	1,579	1,605	1,478	1,513	1,574	1,619	1,533	1,519	1,573	1,644	1,589	1,589
4,694	5,716	6,222	5,728	5,433	5,564	5,973	5,646	5,470	5,775	6,222	5,939	5,827
27,128	26,380	23,748	24,243	28,274	26,627	24,170	23,847	27,589	26,462	24,446	24,822	28,804
7,851	9,395	9,159	9,015	8,919	9,596	9,476	9,506	9,406	10,196	10,163	10,398	10,269
25,233	28,448	30,160	28,781	29,613	31,061	31,300	28,362	28,858	29,188	31,529	29,217	30,483
5,610	9,761	7,062	8,889	7,696	10,245	7,609	8,949	8,038	10,479	7,760	9,446	8,130
11,830	12,609	12,938	12,961	13,635	13,892	13,895	13,767	14,611	14,386	15,551	16,143	17,520
192,122	213,986	210,226	214,560	224,311	233,625	225,184	224,259	235,300	243,162	235,953	237,551	247,547
9,566	10,230	9,704	10,074	10,312	10,267	9,765	10,417	10,520	10,710	10,473	10,749	10,851
55,437	66,113	60,368	63,920	68,830	72,695	66,072	66,835	72,596	75,868	68,614	70,028	75,609
7,273	9,227	10,479	10,592	11,152	11,704	11,782	11,599	11,692	12,233	12,428	12,266	12,431
9,908	12,103	13,234	13,389	13,811	14,714	15,340	15,234	15,609	16,599	17,026	16,829	17,256
23,979	24,081	24,548	24,712	24,970	25,054	25,488	25,617	25,847	25,876	26,218	26,409	26,763
25,749	26,783	26,711	25,888	26,912	27,121	27,143	24,606	26,671	25,768	27,333	27,100	27,593
12,337	13,467	15,481	16,238	16,711	17,127	17,258	17,523	18,044	18,440	18,779	19,165	19,885
47,874	51,982	49,701	49,747	51,613	54,943	52,338	52,428	54,321	57,667	55,081	55,005	57,158
3,278	4,207	3,813	4,224	4,169	4,579	4,308	4,522	4,523	5,040	4,459	4,644	5,282
337,421	371,388	361,453	368,117	385,880	398,691	381,374	378,371	397,916	410,313	397,507	400,736	419,168

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8b Keluaran Dalam Negeri Kasar (KDNK) suku tahunan mengikut aktiviti ekonomi pada harga malar 2015, ST1 2020 - ST3 2024: Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

						(%)	
		2020				2021	
Aktiviti ekonomi Economic activity		I	II	III	IV	I	II
1.	Pertanian Agriculture	-8.8	0.6	-0.5	-1.2	0.1	-1.5
2.	Perlombongan dan pengkuarian Mining and quarrying	-2.9	-19.2	-6.6	-9.8	-3.3	12.6
3.	Pembuatan Manufacturing	1.3	-18.6	3.2	3.0	6.6	26.7
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan Vegetable and animal oils & fats and food processing	-3.4	8.8	7.0	-6.8	-0.3	-2.1
3.2	Minuman dan produk tembakau Beverages and tobacco products	-1.3	-51.0	-2.4	-1.8	4.4	54.9
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	3.6	-41.7	-8.5	-1.0	1.9	38.4
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	1.2	-32.6	-0.3	2.2	4.0	38.7
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	3.8	-13.3	2.1	3.0	7.4	28.2
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	-0.04	-40.1	-6.6	-1.9	0.9	33.2
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	1.9	-8.9	9.1	7.7	10.6	26.3
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	-1.7	-32.9	4.7	7.1	8.0	43.2
4.	Pembinaan Construction	-7.9	-44.3	-12.2	-13.7	-10.5	40.3
5.	Perkhidmatan Services	3.2	-15.9	-3.6	-4.5	-2.0	14.0
5.1	Utiliti Utilities	0.2	-5.9	0.04	1.7	1.9	7.3
5.2	Perdagangan borong dan runcit Wholesale and retail trade	2.1	-23.0	-2.1	-0.9	1.6	21.5
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	1.6	-41.1	-29.8	-35.6	-30.2	9.1
5.4	Pengangkutan dan penyimpanan Transportation and storage	-1.5	-44.7	-16.6	-22.9	-16.6	37.5
5.5	Maklumat dan komunikasi Information and communication	6.7	4.7	5.2	7.1	6.0	5.6
5.6	Kewangan dan insurans Finance and insurance	5.1	-5.7	5.8	6.2	11.2	23.0
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	3.7	-24.3	-15.3	-21.2	-17.1	3.2
5.8	Perkhidmatan lain Other services	4.1	-5.5	-0.1	-1.1	-0.9	7.8
tambah Duti import plus Import duties		-15.8	-17.1	-6.4	19.3	17.7	22.8
KDNK pada harga pembeli GDP at purchasers' prices		0.7	-16.9	-2.5	-3.2	-0.2	16.3



8b Quarterly Gross Domestic Product (GDP) by economic activity at constant 2015 prices,
Q1 2020 - Q3 2024: Percentage change from corresponding quarter of preceding year

													(%)
2021			2022 ^e				2023 ^p				2024		
III	IV	I	II	III	IV	I	II	III	IV	I	II	III	
-2.2	2.9	1.6	-1.6	2.3	2.5	1.4	-0.7	0.3	1.9	1.7	7.3	3.9	
-3.6	-0.9	-1.0	-1.7	10.4	7.3	1.6	-2.1	-1.1	3.5	5.7	2.7	-3.9	
-0.9	9.1	6.7	9.2	13.1	4.0	3.2	0.1	-0.1	-0.3	1.9	4.7	5.6	
0.6	10.5	5.0	2.5	5.3	4.4	7.2	2.1	4.1	7.2	-0.4	5.0	7.6	
-40.4	9.5	5.9	28.9	49.9	-4.0	5.5	8.8	4.6	5.4	6.6	8.0	9.9	
-5.6	4.0	4.9	7.1	12.3	-0.3	0.8	3.7	0.4	-0.1	1.5	3.6	4.6	
-12.6	5.4	6.9	12.1	15.7	-2.7	-4.0	-1.4	0.7	3.8	4.2	5.2	6.5	
12.7	6.6	-0.4	-0.8	4.2	0.9	1.8	-1.6	-2.4	-0.6	1.1	4.1	4.4	
-14.2	5.6	5.3	10.5	13.6	2.1	3.5	5.4	5.5	6.2	7.2	9.4	9.2	
7.1	16.4	15.4	15.5	17.4	9.2	3.8	-1.5	-2.5	-6.0	0.7	3.0	5.6	
-31.3	2.1	2.6	20.4	37.2	5.0	7.7	0.7	4.5	2.3	2.0	5.6	1.1	
-20.6	-12.1	-6.0	2.6	15.3	10.2	7.4	6.2	7.2	3.6	11.9	17.3	19.9	
-4.4	3.3	6.5	11.9	16.8	9.2	7.1	4.5	4.9	4.1	4.8	5.9	5.2	
-1.8	4.1	1.9	3.8	7.8	0.4	0.6	3.4	2.0	4.3	7.3	3.2	3.1	
-10.5	1.7	4.4	17.7	24.2	10.0	9.4	4.6	5.5	4.4	3.8	4.8	4.2	
-16.8	6.1	25.4	36.4	53.3	26.8	12.4	9.5	4.8	4.5	5.5	5.8	6.3	
-11.8	11.4	24.9	33.9	39.4	21.6	15.9	13.8	13.0	12.8	11.0	10.5	10.6	
6.0	6.6	6.1	5.6	4.1	4.0	3.8	3.7	3.5	3.3	2.9	3.1	3.5	
4.4	3.7	-0.9	-1.6	4.5	1.3	1.6	-4.9	-0.9	-5.0	0.7	10.1	3.5	
-14.7	-4.9	8.8	21.2	35.5	27.2	11.5	7.9	8.0	7.7	8.8	9.4	10.2	
0.5	3.3	6.4	6.3	7.8	5.7	5.3	5.4	5.2	5.0	5.2	4.9	5.2	
-14.7	-10.9	-3.2	0.1	27.2	8.8	13.0	7.1	8.5	10.1	3.5	2.7	16.8	
-4.2	3.5	5.1	8.9	14.4	7.4	5.5	2.8	3.1	2.9	4.2	5.9	5.3	

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9a Jumlah jam bekerja tahunan mengikut aktiviti ekonomi, 2019- 2023
Annual total hours worked by economic activity, 2019 - 2023

		(Juta jam/ Million hours)				
Aktiviti ekonomi <i>Economic activity</i>		2019	2020	2021	2022 ^a	2023 ^p
1.	Pertanian <i>Agriculture</i>	3,938	3,779	3,954	4,006	4,070
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	185	168	175	181	185
3.	Pembuatan <i>Manufacturing</i>	6,118	5,568	5,917	6,400	6,632
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	1,001	950	1,018	1,115	1,177
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	49	42	41	42	44
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	515	504	521	564	553
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	765	653	665	745	780
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	1,004	945	1,015	1,059	1,085
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	904	813	853	909	930
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	1,402	1,262	1,371	1,488	1,559
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	477	400	434	478	503
4.	Pembinaan <i>Construction</i>	3,498	2,972	3,072	3,291	3,344
5.	Perkhidmatan <i>Services</i>	21,286	19,484	20,722	22,243	23,153
5.1	Utiliti <i>Utilities</i>	244	225	236	255	263
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	6,092	5,571	5,894	6,451	6,604
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	3,807	3,370	3,641	3,907	4,268
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	1,320	1,159	1,246	1,388	1,463
5.5	Maklumat dan komunikasi <i>Information and communication</i>	556	525	579	619	638
5.6	Kewangan dan insurans <i>Finance and insurance</i>	863	802	843	842	869
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	2,695	2,469	2,555	2,723	2,850
5.8	Perkhidmatan lain <i>Other services</i>	5,708	5,363	5,727	6,059	6,198
Jumlah jam bekerja <i>Total hours worked</i>		35,025	31,970	33,840	36,122	37,384



9b Jumlah jam bekerja tahunan mengikut aktiviti ekonomi, 2019 - 2023: Perubahan peratusan tahunan
Annual total hours worked by economic activity, 2019 - 2023: Annual percentage change

		Aktiviti ekonomi <i>Economic activity</i>					(%)
		2019	2020	2021	2022 ^a	2023 ^b	
1.	Pertanian <i>Agriculture</i>	1.8	-4.0	4.6	1.3	1.6	RINGKASAN PENEMUAN Summary of Findings
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-0.3	-9.4	4.2	3.9	2.0	
3.	Pembuatan <i>Manufacturing</i>	1.3	-9.0	6.3	8.2	3.6	
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	4.8	-5.1	7.1	9.6	5.5	
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	3.1	-14.8	-2.9	4.3	4.9	
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	4.3	-2.3	3.6	8.1	-1.9	
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	-0.9	-14.7	1.8	12.1	4.7	
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	-0.9	-5.9	7.4	4.3	2.5	
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	1.3	-10.1	4.8	6.6	2.3	JADUAL Tables
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	0.7	-10.0	8.6	8.5	4.8	
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	0.5	-16.2	8.4	10.3	5.2	INDEKS Indices
4.	Pembinaan <i>Construction</i>	-3.3	-15.0	3.4	7.1	1.6	
5.	Perkhidmatan <i>Services</i>	3.3	-8.5	6.4	7.3	4.1	NOTA TEKNIKAL Technical Notes
5.1	Utiliti <i>Utilities</i>	2.6	-7.7	4.7	8.3	3.0	
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2.7	-8.6	5.8	9.4	2.4	
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	8.0	-11.5	8.1	7.3	9.2	
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	2.5	-12.2	7.5	11.3	5.4	
5.5	Maklumat dan komunikasi <i>Information and communication</i>	4.4	-5.6	10.3	7.0	3.1	
5.6	Kewangan dan insurans <i>Finance and insurance</i>	2.0	-7.1	5.1	-0.2	3.2	
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	2.6	-8.4	3.5	6.6	4.7	
5.8	Perkhidmatan lain <i>Other services</i>	1.7	-6.0	6.8	5.8	2.3	
Jumlah jam bekerja <i>Total hours worked</i>		2.1	-8.7	5.8	6.7	3.5	



10a Jumlah jam bekerja suku tahunan mengikut aktiviti ekonomi, ST1 2020 - ST3 2024

(Juta jam/ Million hours)

Aktiviti ekonomi <i>Economic activity</i>		2020				2021	
		I	II	III	IV	I	II
1.	Pertanian <i>Agriculture</i>	975	849	982	972	983	991
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	45	35	47	41	44	43
3.	Pembuatan <i>Manufacturing</i>	1,509	1,077	1,473	1,510	1,488	1,424
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	251	201	245	254	247	248
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	12	9	11	10	10	10
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	136	110	125	133	133	125
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	186	112	178	177	173	154
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	246	200	247	252	253	250
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	223	152	215	223	223	202
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	340	233	343	347	338	330
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	115	60	110	115	111	105
4.	Pembinaan <i>Construction</i>	824	495	830	823	809	754
5.	Perkhidmatan <i>Services</i>	5,257	3,781	5,213	5,232	5,214	5,101
5.1	Utiliti <i>Utilities</i>	60	45	60	60	60	58
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	1,485	1,083	1,501	1,501	1,476	1,436
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	947	639	871	913	902	884
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	331	200	310	318	327	301
5.5	Maklumat dan komunikasi <i>Information and communication</i>	136	94	145	149	140	143
5.6	Kewangan dan insurans <i>Finance and insurance</i>	210	168	212	212	213	211
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	680	466	658	665	651	635
5.8	Perkhidmatan lain <i>Other services</i>	1,408	1,087	1,456	1,412	1,445	1,433
Jumlah jam bekerja <i>Total hours worked</i>		8,611	6,237	8,545	8,578	8,538	8,312



10a Quarterly total hours worked by economic activity, Q1 2020 - Q3 2024

(Juta jam/ Million hours)

2021		2022 ^e				2023 ^p				2024		
III	IV	I	II	III	IV	I	II	III	IV	I	II	III
997	983	987	1,002	1,017	1,000	1,005	1,021	1,035	1,009	1,012	1,034	1,033
44	45	45	45	46	46	46	47	46	47	47	46	47
1,430	1,575	1,589	1,585	1,595	1,631	1,637	1,652	1,669	1,674	1,674	1,680	1,704
250	272	278	275	278	285	291	289	299	297	298	305	309
10	10	11	10	11	11	11	11	10	12	13	12	12
126	138	145	144	139	136	140	143	136	133	138	141	142
156	183	183	184	186	192	188	193	200	199	192	192	195
251	261	264	263	265	267	269	271	272	274	281	285	287
200	228	227	225	227	230	230	228	234	238	233	231	237
335	368	361	368	372	387	378	392	393	396	393	388	393
102	116	120	117	117	124	129	124	125	126	128	127	129
699	811	827	814	823	827	834	836	839	835	830	823	838
5,046	5,361	5,487	5,493	5,558	5,706	5,725	5,744	5,830	5,854	5,889	6,028	6,050
55	62	63	62	63	67	65	65	66	67	66	68	69
1,442	1,541	1,576	1,592	1,618	1,665	1,644	1,653	1,653	1,653	1,681	1,701	1,727
910	945	977	954	981	995	1,041	1,045	1,088	1,094	1,086	1,129	1,144
294	325	338	339	346	365	363	364	365	371	365	375	375
144	152	149	149	157	164	156	158	160	164	163	165	167
207	213	215	214	209	204	205	222	219	224	226	225	230
613	655	672	670	670	711	715	704	717	713	726	744	735
1,381	1,468	1,497	1,512	1,514	1,536	1,536	1,533	1,562	1,568	1,577	1,621	1,604
8,214	8,775	8,935	8,939	9,039	9,210	9,247	9,299	9,419	9,418	9,452	9,612	9,672

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10b Jumlah jam bekerja suku tahunan mengikut aktiviti ekonomi, ST1 2020 - ST3 2024:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

						(%)	
		2020				2021	
Aktiviti ekonomi Economic activity		I	II	III	IV	I	II
1.	Pertanian Agriculture	-1.7	-13.1	-1.1	-0.3	0.8	16.7
2.	Perlombongan dan pengkuarian Mining and quarrying	-5.6	-25.1	-2.4	-4.5	-2.5	22.6
3.	Pembuatan Manufacturing	-0.7	-29.1	-3.4	-2.9	-1.4	32.3
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan Vegetable and animal oils & fats and food processing	1.1	-19.6	-3.1	1.2	-1.3	23.8
3.2	Minuman dan produk tembakau Beverages and tobacco products	-2.2	-30.8	-12.3	-13.8	-14.6	11.4
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	4.6	-13.0	0.01	-0.9	-1.8	13.0
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	-1.4	-42.2	-7.3	-7.4	-7.3	37.1
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	-0.4	-20.0	-1.0	-2.2	2.9	25.3
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	-2.4	-31.5	-4.6	-2.3	-0.1	32.5
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	-2.4	-32.8	-2.9	-2.0	-0.7	41.8
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	-1.2	-48.8	-5.6	-9.8	-3.6	75.7
4.	Pembinaan Construction	-6.4	-42.7	-3.8	-7.7	-1.9	52.2
5.	Perkhidmatan Services	-0.6	-28.5	-2.7	-2.2	-0.8	34.9
5.1	Utiliti Utilities	-1.0	-25.5	-1.7	-3.0	0.4	30.2
5.2	Perdagangan borong dan runcit Wholesale and retail trade	-0.2	-29.5	-2.8	-1.4	-0.6	32.6
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	0.9	-31.0	-8.5	-7.9	-4.7	38.5
5.4	Pengangkutan dan penyimpanan Transportation and storage	-1.9	-37.3	-4.0	-6.8	-1.3	50.7
5.5	Maklumat dan komunikasi Information and communication	3.4	-30.7	3.5	0.8	2.5	52.0
5.6	Kewangan dan insurans Finance and insurance	-1.9	-22.2	-2.0	-2.2	1.5	25.3
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	0.5	-29.4	-2.8	-2.6	-4.2	36.3
5.8	Perkhidmatan lain Other services	-2.4	-24.3	0.8	1.9	2.6	31.9
Jumlah jam bekerja Total hours worked		-1.4	-28.3	-2.8	-2.7	-0.8	33.3



10b Quarterly total hours worked by economic activity, Q1 2020 - Q3 2024:
Percentage change from corresponding quarter of preceding year

(%)

2021		2022 ^e				2023 ^p				2024		
III	IV	I	II	III	IV	I	II	III	IV	I	II	III
1.5	1.1	0.4	1.1	2.1	1.7	1.8	1.9	1.8	0.9	0.7	1.3	-0.2
-7.3	9.3	3.9	4.8	4.8	2.0	0.9	4.7	0.4	2.0	3.0	-1.0	1.9
-3.0	4.3	6.8	11.3	11.6	3.6	3.1	4.2	4.6	2.6	2.3	1.7	2.1
2.2	7.0	12.5	10.7	10.9	4.7	4.8	5.3	7.8	4.2	2.1	5.4	3.2
-4.4	0.7	6.1	6.7	3.1	1.5	-0.03	11.9	-1.0	9.1	17.5	2.2	12.6
0.9	3.8	8.9	15.1	10.7	-1.5	-3.4	-0.1	-2.3	-1.6	-1.5	-1.9	4.6
-12.5	3.5	6.2	19.4	19.5	5.1	2.6	5.1	7.5	3.7	1.9	-0.5	-2.6
1.4	3.6	4.3	4.9	5.7	2.4	2.1	3.1	2.5	2.4	4.2	5.3	5.5
-6.9	2.2	1.9	11.4	13.7	0.8	1.5	1.5	2.8	3.4	1.1	1.0	1.4
-2.2	6.0	6.8	11.3	11.0	5.3	4.8	6.5	5.6	2.4	3.9	-0.9	0.1
-7.9	1.2	7.5	12.0	15.3	7.2	7.7	5.5	6.6	1.1	-0.8	2.9	3.6
-15.7	-1.4	2.3	8.0	17.7	1.9	0.9	2.7	2.0	0.9	-0.5	-1.5	-0.2
-3.2	2.5	5.2	7.7	10.2	6.4	4.3	4.6	4.9	2.6	2.9	4.9	3.8
-7.9	2.6	4.9	5.4	14.1	9.1	3.2	5.0	4.9	-0.8	0.4	4.9	4.4
-3.9	2.6	6.8	10.9	12.2	8.0	4.3	3.8	2.2	-0.7	2.3	2.9	4.5
4.5	3.5	8.4	7.9	7.8	5.2	6.5	9.5	10.9	10.0	4.3	8.1	5.1
-5.3	2.1	3.4	12.6	17.6	12.4	7.5	7.4	5.5	1.6	0.6	2.9	2.7
-0.9	1.9	6.5	4.4	9.1	7.8	4.4	6.2	2.0	0.1	4.8	4.1	4.1
-2.6	0.5	0.8	1.9	1.1	-4.5	-4.4	3.3	4.6	9.8	10.0	1.7	5.1
-6.7	-1.5	3.1	5.6	9.3	8.5	6.4	5.0	7.1	0.4	1.5	5.7	2.4
-5.2	3.9	3.6	5.6	9.7	4.6	2.6	1.3	3.1	2.1	2.7	5.7	2.7
-3.9	2.3	4.6	7.5	10.0	5.0	3.5	4.0	4.2	2.3	2.2	3.4	2.7

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11a Pekerja tahunan mengikut aktiviti ekonomi, 2019 - 2023
 Annual employment by economic activity, 2019 - 2023

		('000)				
Aktiviti ekonomi Economic activity		2019	2020	2021	2022 ^e	2023 ^p
1.	Pertanian Agriculture	1,873	1,866	1,874	1,861	1,874
2.	Perlombongan dan pengkuarian Mining and quarrying	75	74	75	76	76
3.	Pembuatan Manufacturing	2,553	2,552	2,618	2,719	2,797
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan Vegetable and animal oils & fats and food processing	439	448	469	493	521
3.2	Minuman dan produk tembakau Beverages and tobacco products	20	18	18	18	19
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	252	251	261	271	262
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	307	299	299	308	320
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	402	410	425	436	441
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	362	363	367	377	385
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	575	575	590	618	640
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	196	186	188	199	208
4.	Pembinaan Construction	1,463	1,399	1,385	1,382	1,397
5.	Perkhidmatan Services	9,161	9,206	9,338	9,724	10,058
5.1	Utiliti Utilities	103	104	105	109	110
5.2	Perdagangan borong dan runcit Wholesale and retail trade	2,529	2,557	2,615	2,752	2,811
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	1,633	1,626	1,641	1,729	1,875
5.4	Pengangkutan dan penyimpanan Transportation and storage	539	539	535	574	604
5.5	Maklumat dan komunikasi Information and communication	236	243	250	259	272
5.6	Kewangan dan insurans Finance and insurance	375	376	374	375	382
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	1,126	1,137	1,123	1,158	1,189
5.8	Perkhidmatan lain Other services	2,620	2,623	2,694	2,768	2,815
Jumlah pekerja Total employment		15,126	15,096	15,290	15,762	16,201



11b Pekerja tahunan mengikut aktiviti ekonomi, 2019 - 2023: Perubahan peratusan tahunan
Annual employment by economic activity, 2019 - 2023: Annual percentage change

		(%)				
Aktiviti ekonomi <i>Economic activity</i>		2019	2020	2021	2022 ^a	2023 ^b
1.	Pertanian <i>Agriculture</i>	1.6	-0.4	0.4	-0.7	0.7
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-0.4	-2.3	1.7	1.2	0.5
3.	Pembuatan <i>Manufacturing</i>	2.1	-0.1	2.6	3.9	2.8
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	2.4	2.0	4.7	5.1	5.7
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	2.4	-7.8	-1.8	1.7	3.6
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	5.5	-0.4	3.9	3.7	-3.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	1.5	-2.5	0.1	2.8	4.0
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	1.8	2.0	3.6	2.6	1.2
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	0.5	0.2	1.1	2.7	2.2
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	2.2	0.1	2.6	4.6	3.6
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	0.9	-4.8	0.9	5.7	4.7
4.	Pembinaan <i>Construction</i>	-3.1	-4.4	-1.0	-0.2	1.1
5.	Perkhidmatan <i>Services</i>	3.2	0.5	1.4	4.1	3.4
5.1	Utiliti <i>Utilities</i>	2.2	0.8	1.1	3.3	0.8
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	3.3	1.1	2.2	5.3	2.1
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	7.7	-0.4	0.9	5.3	8.5
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	2.6	-0.1	-0.7	7.3	5.3
5.5	Maklumat dan komunikasi <i>Information and communication</i>	5.6	3.1	2.5	4.0	4.7
5.6	Kewangan dan insurans <i>Finance and insurance</i>	1.7	0.4	-0.5	0.2	1.9
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	3.1	0.9	-1.2	3.0	2.7
5.8	Perkhidmatan lain <i>Other services</i>	0.6	0.1	2.7	2.7	1.7
Jumlah pekerja <i>Total employment</i>		2.1	-0.2	1.3	3.1	2.8

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12a Pekerja suku tahunan mengikut aktiviti ekonomi, ST1 2020 - ST3 2024

		2020				2021	
Aktiviti ekonomi Economic activity		I	II	III	IV	I	II
1.	Pertanian Agriculture	1,883	1,852	1,877	1,851	1,870	1,886
2.	Perlombongan dan pengkuarian Mining and quarrying	74	75	78	68	74	74
3.	Pembuatan Manufacturing	2,576	2,506	2,540	2,584	2,604	2,577
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan Vegetable and animal oils & fats and food processing	445	443	447	458	461	464
3.2	Minuman dan produk tembakau Beverages and tobacco products	20	17	17	17	18	17
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	267	244	244	250	263	258
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	307	290	298	302	303	286
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	406	404	411	418	424	425
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	363	360	362	367	372	358
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	576	568	575	583	576	585
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	191	180	185	189	189	183
4.	Pembinaan Construction	1,424	1,364	1,404	1,404	1,391	1,390
5.	Perkhidmatan Services	9,284	9,087	9,197	9,255	9,298	9,279
5.1	Utiliti Utilities	104	103	103	106	106	105
5.2	Perdagangan borong dan runcit Wholesale and retail trade	2,544	2,557	2,577	2,551	2,578	2,590
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	1,686	1,580	1,593	1,644	1,630	1,634
5.4	Pengangkutan dan penyimpanan Transportation and storage	564	523	523	546	556	522
5.5	Maklumat dan komunikasi Information and communication	231	240	248	254	241	247
5.6	Kewangan dan insurans Finance and insurance	374	379	379	373	375	375
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	1,154	1,113	1,139	1,141	1,126	1,122
5.8	Perkhidmatan lain Other services	2,627	2,591	2,634	2,639	2,685	2,683
Jumlah pekerja Total employment		15,243	14,884	15,096	15,162	15,237	15,207



12a Quarterly employment by economic activity, Q1 2020 - Q3 2024

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2021		2022 ^e				2023 ^p				2024		
III	IV	I	II	III	IV	I	II	III	IV	I	II	III
1,889	1,849	1,854	1,872	1,878	1,840	1,874	1,877	1,889	1,854	1,875	1,897	1,907
76	76	76	76	76	76	76	76	76	76	76	76	76
2,612	2,678	2,702	2,705	2,731	2,740	2,771	2,780	2,814	2,823	2,820	2,825	2,853
469	483	486	489	496	502	510	516	530	529	528	528	540
18	18	18	18	18	18	19	19	19	19	19	19	19
256	268	278	274	271	260	261	262	262	263	266	266	266
300	308	309	304	309	308	312	318	324	326	322	322	326
424	426	435	435	439	434	440	437	442	445	448	448	453
363	375	379	374	376	379	383	379	388	392	390	390	397
593	608	600	615	624	632	637	641	642	641	637	641	641
188	193	196	195	197	207	210	207	208	208	209	211	211
1,374	1,386	1,382	1,383	1,378	1,387	1,391	1,397	1,398	1,403	1,406	1,408	1,410
9,323	9,451	9,561	9,666	9,768	9,899	9,949	10,017	10,074	10,190	10,224	10,385	10,468
105	106	107	108	110	110	108	109	110	112	111	115	117
2,624	2,666	2,704	2,745	2,766	2,793	2,785	2,798	2,817	2,842	2,858	2,898	2,924
1,643	1,658	1,694	1,709	1,730	1,782	1,826	1,861	1,880	1,933	1,935	1,990	2,015
518	543	559	566	576	595	600	603	604	610	616	630	633
251	259	252	257	261	267	268	270	272	276	274	277	280
374	373	373	373	376	378	381	381	382	385	387	390	390
1,116	1,130	1,134	1,152	1,169	1,176	1,183	1,187	1,190	1,197	1,199	1,222	1,233
2,692	2,717	2,738	2,756	2,781	2,797	2,797	2,809	2,818	2,835	2,843	2,862	2,877
15,275	15,441	15,575	15,701	15,831	15,942	16,062	16,146	16,251	16,347	16,401	16,591	16,715

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12b Pekerja suku tahunan mengikut aktiviti ekonomi, ST1 2020 - ST3 2024:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

		2020				2021	
Aktiviti ekonomi <i>Economic activity</i>		I	II	III	IV	I	II
1.	Pertanian <i>Agriculture</i>	0.1	-0.5	-0.8	-0.4	-0.7	1.8
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-1.7	-3.5	-2.3	-1.6	-0.8	-0.2
3.	Pembuatan <i>Manufacturing</i>	1.6	-1.3	-0.4	-0.2	1.4	2.8
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	1.8	1.7	1.7	3.0	3.5	4.7
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	1.5	-11.9	-10.1	-10.8	-9.3	-0.5
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	4.4	-2.9	-1.4	-1.7	-1.7	5.6
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	0.7	-5.0	-3.2	-2.6	-1.4	-1.2
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	2.1	0.5	2.3	2.9	4.3	5.3
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	0.4	-0.4	-0.3	0.9	2.4	-0.5
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	1.7	-0.7	-0.6	0.01	-0.1	3.1
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	0.1	-6.3	-3.9	-8.5	-3.4	1.6
4.	Pembinaan <i>Construction</i>	-2.7	-6.3	-2.4	-6.0	-2.4	1.9
5.	Perkhidmatan <i>Services</i>	2.5	-0.6	-0.1	0.1	0.1	2.1
5.1	Utiliti <i>Utilities</i>	1.7	0.9	0.7	0.1	1.4	1.7
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2.3	-0.2	0.9	1.5	1.4	1.3
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	6.4	-2.5	-2.3	-3.0	-3.3	3.4
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	2.5	-0.7	-0.7	-1.6	-1.4	-0.1
5.5	Maklumat dan komunikasi <i>Information and communication</i>	4.5	3.2	3.4	1.5	4.5	2.9
5.6	Kewangan dan insurans <i>Finance and insurance</i>	1.5	-0.1	0.3	-0.2	0.2	-1.1
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	2.4	0.8	0.4	0.1	-2.4	0.8
5.8	Perkhidmatan lain <i>Other services</i>	0.5	-1.0	-0.1	1.0	2.2	3.6
Jumlah pekerja <i>Total employment</i>		1.6	-1.3	-0.4	-0.6	0.02	2.2



12b Quarterly employment by economic activity, Q1 2020 - Q3 2024:
Percentage change from corresponding quarter of preceding year

												(%)
2021		2022 ^e				2023 ^p				2024		
III	IV	I	II	III	IV	I	II	III	IV	I	II	III
0.6	-0.1	-0.8	-0.7	-0.6	-0.5	1.1	0.2	0.6	0.8	0.1	1.1	1.0
-2.3	11.0	2.6	1.8	0.4	0.3	0.5	0.8	0.4	0.2	0.1	0.2	0.1
2.9	3.6	3.7	4.9	4.5	2.3	2.6	2.8	3.0	3.0	1.7	1.6	1.4
4.9	5.6	5.5	5.3	5.8	3.9	4.9	5.5	6.8	5.4	3.7	2.4	2.0
1.6	2.0	1.5	2.9	0.5	1.9	2.1	5.1	4.1	3.2	1.8	3.8	2.4
5.2	7.0	5.9	6.4	5.7	-3.0	-6.1	-4.4	-3.3	1.3	1.6	1.2	1.4
0.6	2.3	2.1	6.3	3.1	-0.05	0.9	4.4	4.7	5.8	3.2	1.3	0.7
3.2	1.8	2.6	2.5	3.5	1.9	1.2	0.4	0.6	2.6	1.8	2.4	2.4
0.4	2.1	1.9	4.5	3.4	1.3	1.0	1.4	3.2	3.4	2.0	2.9	2.5
3.2	4.3	4.3	5.0	5.2	4.1	6.2	4.3	2.8	1.4	-0.03	-0.01	-0.1
1.7	1.9	4.0	6.8	4.9	7.2	7.0	6.2	5.5	0.4	-0.3	1.6	1.3
-2.1	-1.2	-0.6	-0.5	0.3	0.02	0.7	1.0	1.4	1.2	1.1	0.8	0.9
1.4	2.1	2.8	4.2	4.8	4.7	4.1	3.6	3.1	2.9	2.8	3.7	3.9
1.3	-0.1	1.1	3.3	5.1	3.8	0.7	0.6	0.2	1.7	3.5	6.1	6.0
1.8	4.5	4.9	6.0	5.4	4.8	3.0	1.9	1.9	1.8	2.6	3.6	3.8
3.2	0.8	3.9	4.5	5.3	7.5	7.8	8.9	8.7	8.5	5.9	6.9	7.2
-0.9	-0.4	0.5	8.4	11.2	9.5	7.4	6.5	4.9	2.4	2.6	4.4	4.8
1.1	1.9	4.5	3.9	3.9	3.4	6.2	5.0	4.5	3.2	2.4	2.7	3.0
-1.1	-0.1	-0.7	-0.5	0.3	1.5	2.3	2.0	1.7	1.7	1.4	2.5	1.9
-2.0	-1.0	0.7	2.7	4.7	4.0	4.2	3.0	1.8	1.8	1.4	3.0	3.6
2.2	2.9	2.0	2.7	3.3	2.9	2.2	1.9	1.4	1.4	1.6	1.9	2.1
1.2	1.8	2.2	3.2	3.6	3.2	3.1	2.8	2.7	2.5	2.1	2.8	2.9

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I1 Produktiviti buruh tahunan, indeks produktiviti buruh per jam bekerja mengikut aktiviti ekonomi (2015=100), 2019 - 2023
Annual labour productivity, index of labour productivity per hour worked by economic activity (2015=100), 2019 - 2023

Aktiviti ekonomi <i>Economic activity</i>		2019	2020	2021	2022 ^e	2023 ^p
1.	Pertanian <i>Agriculture</i>	102.4	104.1	99.2	99.1	98.3
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	102.8	102.4	99.1	98.8	97.4
3.	Pembuatan <i>Manufacturing</i>	113.6	121.3	125.0	125.0	121.5
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	103.8	110.9	105.7	100.6	100.2
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	107.3	105.8	109.5	122.7	124.2
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	108.5	96.7	100.1	97.9	101.0
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	127.8	138.7	144.8	138.9	132.2
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	111.0	116.7	122.8	119.0	115.2
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	108.3	104.8	103.9	104.8	107.7
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	120.7	137.3	145.0	152.6	143.3
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	122.4	138.3	129.3	134.0	131.8
4.	Pembinaan <i>Construction</i>	125.8	119.4	109.5	107.5	112.2
5.	Perkhidmatan <i>Services</i>	115.0	119.1	114.5	118.4	119.6
5.1	Utiliti <i>Utilities</i>	114.2	122.5	120.3	114.9	114.5
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	112.9	116.3	112.3	116.8	120.7
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	111.7	92.6	76.5	96.0	94.6
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	116.9	104.5	98.4	114.4	123.5
5.5	Maklumat dan komunikasi <i>Information and communication</i>	118.3	132.7	127.7	125.3	125.8
5.6	Kewangan dan insurans <i>Finance and insurance</i>	111.9	123.9	129.7	131.0	124.0
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	119.4	111.4	97.8	112.6	117.0
5.8	Perkhidmatan lain <i>Other services</i>	121.6	128.5	123.5	124.4	127.9
Produktiviti buruh <i>Labour productivity</i>		113.0	117.0	114.2	116.5	116.6



I2 Produktiviti buruh tahunan, indeks produktiviti buruh per pekerja mengikut aktiviti ekonomi (2015=100), 2019 - 2023
 Annual labour productivity, index of labour productivity per employment by economic activity (2015=100), 2019 - 2023

Aktiviti ekonomi Economic activity		2019	2020	2021	2022 ^e	2023 ^p
1.	Pertanian Agriculture	104.3	102.2	101.5	103.5	103.5
2.	Perlombongan dan pengkuarian Mining and quarrying	104.6	96.6	95.9	98.0	98.1
3.	Pembuatan Manufacturing	112.3	109.3	116.6	121.4	118.9
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan Vegetable and animal oils & fats and food processing	105.7	105.1	102.4	101.6	101.0
3.2	Minuman dan produk tembakau Beverages and tobacco products	109.3	99.5	102.0	117.2	120.1
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	112.2	98.1	101.2	103.2	107.9
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	124.4	118.2	125.5	131.3	125.8
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	108.9	105.7	115.3	113.6	111.4
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	107.8	93.6	96.3	100.8	103.7
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	117.6	120.4	134.5	146.8	139.4
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	120.6	119.9	120.3	130.2	128.6
4.	Pembinaan Construction	124.5	105.0	100.5	105.9	111.1
5.	Perkhidmatan Services	113.2	106.8	107.7	114.8	116.6
5.1	Utiliti Utilities	115.5	113.4	115.4	115.5	117.6
5.2	Perdagangan borong dan runcit Wholesale and retail trade	111.1	103.5	103.5	111.8	115.9
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	110.5	81.4	72.0	92.0	91.4
5.4	Pengangkutan dan penyimpanan Transportation and storage	116.1	91.2	93.0	112.2	121.3
5.5	Maklumat dan komunikasi Information and communication	117.6	120.8	124.9	126.1	124.7
5.6	Kewangan dan insurans Finance and insurance	110.5	113.3	125.4	126.2	120.9
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	116.6	98.7	90.8	108.1	114.4
5.8	Perkhidmatan lain Other services	118.3	117.4	117.2	121.6	125.8
Produktiviti buruh Labour productivity		111.9	106.0	108.1	114.2	115.1

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13 Produktiviti buruh tahunan, indeks produktiviti buruh per jam bekerja mengikut 11 subsektor keutamaan (2015=100), 2019 - 2023
Annual labour productivity, index of labour productivity per hour worked by 11 priority sub-sectors (2015=100), 2019 - 2023

	Aktiviti ekonomi <i>Economic activity</i>	2019	2020	2021	2022 ^a	2023 ^p
1.	Agromakanan <i>Agro-food</i>	103.4	108.7	107.0	103.6	104.7
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	114.5	117.1	127.7	123.8	123.4
3.	Elektrik dan elektronik <i>Electrical and electronics</i>	121.7	140.9	148.7	156.4	144.8
4.	Mesin dan peralatan <i>Machinery and equipment</i>	116.7	124.5	131.0	131.6	131.5
5.	Pembinaan & alam bina <i>Construction & built environment</i>	125.8	119.4	109.5	107.5	112.2
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	116.9	115.3	108.6	119.8	119.4
7.	Logistik <i>Logistic</i>	118.0	106.9	100.7	113.2	121.6
8.	Pelancongan <i>Tourism</i>	117.6	73.3	54.6	112.9	135.3
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	118.3	132.7	127.7	125.3	125.8
10.	Perkhidmatan profesional <i>Professional services</i>	128.3	129.7	114.8	126.8	131.5
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	109.2	107.6	115.3	118.6	123.8
	Produktiviti buruh <i>Labour productivity</i>	117.5	121.5	119.0	124.7	125.0



14 Produktiviti buruh tahunan, indeks produktiviti buruh per pekerja mengikut 11 subsektor keutamaan (2015=100),
2019 - 2023
*Annual labour productivity, index of labour productivity per employment by 11 priority sub-sectors (2015=100),
2019 - 2023*

Aktiviti ekonomi <i>Economic activity</i>		2019	2020	2021	2022 ^e	2023 ^p
1.	Agromakanan <i>Agro-food</i>	107.4	107.2	110.3	110.7	112.4
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	108.8	104.5	115.1	117.6	118.4
3.	Elektrik dan elektronik <i>Electrical and electronics</i>	118.6	123.2	137.9	150.4	140.5
4.	Mesin dan peralatan <i>Machinery and equipment</i>	112.9	110.1	120.8	126.5	129.4
5.	Pembinaan & alam bina <i>Construction & built environment</i>	124.5	105.0	100.5	105.9	111.1
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	114.7	102.6	100.9	114.3	114.6
7.	Logistik <i>Logistic</i>	117.3	95.2	96.0	112.2	120.1
8.	Pelancongan <i>Tourism</i>	116.6	60.0	46.7	107.9	130.9
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	117.6	120.8	124.9	126.1	124.7
10.	Perkhidmatan profesional <i>Professional services</i>	127.3	114.6	110.2	123.0	131.3
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	110.1	101.5	111.2	118.7	125.5
Produktiviti buruh <i>Labour productivity</i>		116.2	108.4	111.4	121.5	122.5

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I5 Produktiviti buruh suku tahunan, indeks produktiviti buruh per jam bekerja mengikut aktiviti ekonomi (2015=100),
ST1 2020 - ST3 2024

Aktiviti ekonomi <i>Economic activity</i>		2020				2021	
		I	II	III	IV	I	II
1.	Pertanian <i>Agriculture</i>	91.7	114.1	112.9	98.9	91.0	96.3
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	105.2	113.9	86.3	108.2	104.3	104.6
3.	Pembuatan <i>Manufacturing</i>	111.6	131.3	122.9	122.5	120.6	125.8
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	92.3	141.2	116.4	100.2	93.3	111.6
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	90.7	86.3	126.4	118.3	110.9	119.9
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	98.9	80.9	102.4	102.4	102.7	99.1
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	135.7	148.2	136.2	138.5	152.1	149.9
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	110.5	116.8	119.2	120.4	115.3	119.5
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	100.5	104.4	110.7	103.5	101.5	105.0
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	131.9	160.6	130.4	133.8	147.0	143.1
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	104.5	163.5	139.9	157.8	117.0	133.2
4.	Pembinaan <i>Construction</i>	123.5	120.3	118.8	115.4	112.7	110.9
5.	Perkhidmatan <i>Services</i>	114.3	132.7	115.1	118.2	113.0	112.1
5.1	Utiliti <i>Utilities</i>	113.3	146.6	117.7	118.5	115.0	120.9
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	108.7	116.9	116.9	122.7	111.0	107.2
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	108.1	95.1	85.7	81.3	79.1	75.0
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	110.6	104.7	104.3	98.2	93.4	95.6
5.5	Maklumat dan komunikasi <i>Information and communication</i>	124.9	184.1	121.6	118.3	129.2	127.9
5.6	Kewangan dan insurans <i>Finance and insurance</i>	119.4	131.6	120.2	125.9	130.8	129.2
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	118.1	130.4	102.8	99.6	102.2	98.7
5.8	Perkhidmatan lain <i>Other services</i>	122.4	146.2	119.6	130.3	118.2	119.5
Produktiviti buruh <i>Labour productivity</i>		111.2	129.5	114.5	116.2	111.9	113.1



I5 Quarterly labour productivity, index of labour productivity per hour worked by economic activity (2015=100),
Q1 2020 - Q3 2024

2021		2022 ^e				2023 ^p				2024		
III	IV	I	II	III	IV	I	II	III	IV	I	II	III
108.8	100.6	92.2	93.7	109.0	101.4	91.8	91.4	107.4	102.4	92.7	96.8	111.9
89.8	98.1	99.4	98.1	94.6	103.1	100.0	91.7	93.2	104.7	102.7	95.1	87.9
125.5	128.1	120.5	123.4	127.3	128.6	120.7	118.6	121.5	125.0	120.3	122.1	125.6
114.5	103.5	87.1	103.4	108.8	103.1	89.1	100.3	105.0	106.1	86.9	99.9	109.5
78.8	128.7	110.6	145.0	114.6	121.8	116.8	140.9	121.1	117.6	106.0	148.9	118.2
95.8	102.6	98.8	92.1	97.2	103.8	103.2	95.7	100.0	105.4	106.4	101.1	99.9
136.0	141.1	153.1	140.7	131.7	130.7	143.3	131.9	123.3	130.9	146.6	139.4	134.8
132.5	123.8	110.1	113.1	130.6	122.0	109.8	107.9	124.4	118.4	106.6	106.7	123.1
102.0	107.0	104.9	104.1	101.9	108.4	106.9	108.1	104.5	111.4	113.4	117.1	112.5
142.8	146.9	158.7	148.5	151.1	152.2	157.2	137.4	139.5	139.7	152.4	142.9	147.2
104.4	159.2	111.7	143.2	124.2	155.8	111.7	136.7	121.8	157.7	114.8	140.2	118.9
112.0	102.9	103.6	105.3	109.7	111.2	110.2	109.0	115.3	114.1	124.0	129.8	138.5
113.6	119.1	114.3	116.6	120.4	122.2	117.4	116.5	120.4	124.0	119.6	117.6	122.1
125.5	120.3	111.7	119.0	118.6	110.6	108.9	117.2	115.4	116.3	116.2	115.3	113.9
109.0	121.6	108.5	113.8	120.6	123.7	113.9	114.6	124.4	130.1	115.7	116.7	124.1
68.2	83.4	91.6	94.8	97.1	100.5	96.7	94.8	91.7	95.5	97.8	92.7	92.8
97.1	107.2	112.8	113.7	115.1	115.9	121.6	120.4	123.2	128.8	134.2	129.3	132.6
130.0	123.7	128.7	129.5	124.1	119.4	128.0	126.4	125.9	123.1	125.7	125.2	125.3
128.9	129.9	128.7	124.9	133.2	137.8	136.8	114.9	126.2	119.2	125.3	124.5	124.3
94.1	96.2	107.8	113.4	116.7	112.8	112.9	116.5	117.7	120.9	121.1	120.5	126.6
126.8	129.5	121.4	120.3	124.7	130.9	124.6	125.1	127.2	134.5	127.7	124.1	130.3
114.2	117.6	112.4	114.4	118.6	120.3	114.6	113.1	117.4	121.1	116.9	115.9	120.4

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16 Produktiviti buruh suku tahunan, indeks produktiviti buruh per pekerja mengikut aktiviti ekonomi (2015=100),
ST1 2020 - ST3 2024

Aktiviti ekonomi <i>Economic activity</i>		2020				2021	
		I	II	III	IV	I	II
1.	Pertanian <i>Agriculture</i>	92.1	101.5	114.5	100.7	92.8	98.1
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	104.9	88.1	87.1	107.8	102.3	99.3
3.	Pembuatan <i>Manufacturing</i>	107.9	93.1	117.7	118.1	113.7	114.7
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	93.0	114.1	114.0	99.4	89.5	106.6
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	89.4	69.9	125.6	114.4	102.9	108.8
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	101.8	74.0	106.0	109.9	105.5	97.0
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	128.4	89.5	126.8	126.7	135.4	125.7
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	105.2	90.9	112.6	113.9	108.2	110.7
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	98.3	70.6	104.7	100.5	96.9	94.5
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	124.5	105.3	124.4	127.2	137.8	129.1
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	101.9	87.5	134.9	154.2	111.6	123.2
4.	Pembinaan <i>Construction</i>	118.3	72.3	116.2	112.0	108.5	99.6
5.	Perkhidmatan <i>Services</i>	109.7	93.6	110.5	113.3	107.3	104.5
5.1	Utiliti <i>Utilities</i>	111.8	109.5	117.3	115.0	112.3	115.5
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	103.7	80.9	111.3	118.0	103.9	97.1
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	102.9	65.2	79.5	76.7	74.3	68.8
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	105.1	65.0	100.4	93.0	89.0	89.4
5.5	Maklumat dan komunikasi <i>Information and communication</i>	124.5	121.5	120.2	117.3	126.3	124.6
5.6	Kewangan dan insurans <i>Finance and insurance</i>	114.9	100.1	115.6	122.9	127.4	124.5
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	113.6	89.1	96.9	94.8	96.5	91.2
5.8	Perkhidmatan lain <i>Other services</i>	117.2	109.6	118.1	124.5	113.7	114.0
Produktiviti buruh <i>Labour productivity</i>		107.5	92.9	110.9	112.5	107.3	105.7



16 Quarterly labour productivity, index of labour productivity per employment by economic activity (2015=100),
Q1 2020 - Q3 2024

2021		2022 ^o				2023 ^p				2024		
III	IV	I	II	III	IV	I	II	III	IV	I	II	III
111.3	103.7	95.1	97.3	114.5	106.9	95.4	96.3	114.2	108.1	97.0	102.3	117.5
85.9	96.2	98.7	95.9	94.5	102.9	99.7	93.2	93.1	106.3	105.4	95.5	89.3
113.4	124.4	117.0	119.4	122.7	126.4	117.8	116.3	118.9	122.4	118.0	119.9	123.8
109.3	104.0	89.1	103.8	108.8	104.5	91.1	100.5	106.0	106.3	87.5	103.0	111.8
73.7	122.9	107.3	136.3	110.0	115.8	110.9	141.1	110.4	118.3	116.1	146.7	118.6
95.2	106.9	104.6	97.6	101.2	109.8	112.3	105.9	105.1	108.4	112.2	108.4	108.5
110.2	130.5	141.7	132.6	123.7	127.1	134.8	125.2	118.9	124.7	136.1	129.9	125.8
123.0	119.3	105.1	107.2	123.9	118.1	105.8	105.0	120.1	114.4	105.1	106.7	122.5
89.5	103.9	100.1	99.9	98.3	104.8	102.6	103.9	100.5	107.7	107.8	110.4	107.1
129.1	142.0	152.4	142.0	143.9	149.0	149.0	134.2	136.5	138.1	150.1	138.3	144.3
91.2	154.6	110.0	139.0	119.2	151.4	110.8	131.8	118.0	154.2	113.4	136.9	117.8
94.3	99.7	102.6	102.7	108.4	109.8	109.5	108.0	114.6	112.4	121.2	125.7	136.2
104.2	114.5	111.2	112.3	116.1	119.4	114.5	113.2	118.1	120.7	116.7	115.7	119.6
113.8	119.9	113.2	116.1	116.7	115.9	113.1	119.4	118.8	118.9	117.2	116.1	115.6
97.8	114.9	103.4	107.8	115.2	120.5	109.9	110.6	119.3	123.6	111.2	111.9	119.8
64.1	80.6	89.6	89.8	93.4	95.1	93.5	90.3	90.1	91.7	93.1	89.3	89.4
89.4	104.0	110.6	110.4	112.0	115.5	119.3	118.0	120.7	127.2	129.0	124.8	127.4
126.0	122.8	128.2	126.6	126.3	123.5	125.4	125.0	125.0	123.5	126.0	125.4	125.8
122.1	127.5	127.2	123.2	127.1	127.2	126.3	114.7	123.9	118.8	125.4	123.3	125.7
84.4	91.0	104.2	107.7	109.2	111.3	111.5	112.8	115.8	117.6	119.6	119.8	123.2
116.2	125.0	118.6	117.9	121.3	128.3	122.2	121.9	125.9	132.9	126.6	125.5	129.8
105.0	114.4	110.4	111.5	115.9	118.9	112.9	111.4	116.4	119.4	115.3	114.9	119.3

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17 Indeks jam bekerja tahunan mengikut aktiviti ekonomi (2015=100), 2019 - 2023
Annual hours worked index by economic activity (2015=100), 2019 - 2023

Aktiviti ekonomi <i>Economic activity</i>		2019	2020	2021	2022 ^a	2023 ^p
1.	Pertanian <i>Agriculture</i>	101.7	97.6	102.1	103.5	105.1
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	97.1	88.0	91.7	95.3	97.1
3.	Pembuatan <i>Manufacturing</i>	106.2	96.6	102.7	111.0	115.1
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	116.7	110.7	118.6	129.9	137.1
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	112.6	95.9	93.2	97.2	102.0
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	117.0	114.3	118.4	128.0	125.6
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	95.4	81.4	82.9	92.9	97.2
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	104.7	98.5	105.9	110.4	113.2
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	110.3	99.2	104.0	110.8	113.4
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	105.2	94.7	102.8	111.6	116.9
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	94.1	78.9	85.5	94.4	99.2
4.	Pembinaan <i>Construction</i>	95.4	81.1	83.8	89.8	91.2
5.	Perkhidmatan <i>Services</i>	110.8	101.4	107.8	115.8	120.5
5.1	Utiliti <i>Utilities</i>	105.9	97.7	102.3	110.8	114.1
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	116.8	106.8	113.0	123.7	126.6
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	123.1	108.9	117.7	126.3	138.0
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	109.0	95.7	102.9	114.6	120.8
5.5	Maklumat dan komunikasi <i>Information and communication</i>	114.3	107.9	118.9	127.2	131.2
5.6	Kewangan dan insurans <i>Finance and insurance</i>	106.1	98.6	103.7	103.5	106.8
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	112.0	102.6	106.2	113.2	118.4
5.8	Perkhidmatan lain <i>Other services</i>	99.1	93.1	99.4	105.2	107.6
Jumlah jam bekerja <i>Total hours worked</i>		107.1	97.7	103.5	110.4	114.3



18 Indeks pekerja tahunan mengikut aktiviti ekonomi (2015=100), 2019 - 2023
Annual employment index by economic activity (2015=100), 2019 - 2023

Aktiviti ekonomi <i>Economic activity</i>		2019	2020	2021	2022 ^e	2023 ^p
1.	Pertanian <i>Agriculture</i>	99.8	99.4	99.9	99.2	99.9
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	95.4	93.3	94.8	96.0	96.5
3.	Pembuatan <i>Manufacturing</i>	107.3	107.3	110.1	114.3	117.6
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	114.6	116.9	122.4	128.6	135.9
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	110.6	102.0	100.1	101.8	105.5
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	113.2	112.7	117.1	121.4	117.5
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	98.0	95.5	95.6	98.3	102.2
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	106.7	108.8	112.7	115.7	117.1
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	110.8	111.0	112.2	115.3	117.9
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	107.9	108.0	110.8	116.0	120.2
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	95.6	91.0	91.9	97.1	101.7
4.	Pembinaan <i>Construction</i>	96.4	92.2	91.3	91.1	92.1
5.	Perkhidmatan <i>Services</i>	112.5	113.1	114.7	119.4	123.5
5.1	Utiliti <i>Utilities</i>	104.7	105.5	106.7	110.2	111.1
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	118.7	120.0	122.7	129.2	131.9
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	124.5	124.0	125.1	131.8	143.0
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	109.8	109.7	108.9	116.9	123.1
5.5	Maklumat dan komunikasi <i>Information and communication</i>	114.9	118.5	121.6	126.4	132.3
5.6	Kewangan dan insurans <i>Finance and insurance</i>	107.4	107.8	107.3	107.5	109.6
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	114.7	115.8	114.4	117.9	121.1
5.8	Perkhidmatan lain <i>Other services</i>	101.9	102.0	104.7	107.6	109.4
Jumlah pekerja <i>Total employment</i>		108.1	107.9	109.3	112.6	115.8

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19 Indeks jam bekerja suku tahunan mengikut aktiviti ekonomi (2015=100), ST1 2020 - ST3 2024

Aktiviti ekonomi <i>Economic activity</i>		2020				2021	
		I	II	III	IV	I	II
1. Pertanian <i>Agriculture</i>		100.8	87.8	101.5	100.5	101.6	102.4
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>		94.0	72.9	98.9	86.2	91.7	89.3
3. Pembuatan <i>Manufacturing</i>		104.7	74.7	102.2	104.8	103.3	98.8
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	116.8	93.5	114.2	118.4	115.2	115.7
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	111.5	79.0	98.2	95.1	95.2	88.0
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	123.5	100.2	113.1	120.5	121.2	113.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	92.8	55.9	88.7	88.0	86.1	76.7
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	102.6	83.4	103.2	105.0	105.6	104.5
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	108.6	74.4	104.7	108.9	108.5	98.5
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	102.0	69.9	102.8	104.0	101.3	99.2
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	91.1	47.1	87.0	90.4	87.8	82.7
4. Pembinaan <i>Construction</i>		89.9	54.1	90.5	89.8	88.2	82.2
5. Perkhidmatan <i>Services</i>		109.4	78.7	108.5	108.9	108.5	106.2
5.1	Utiliti <i>Utilities</i>	104.1	77.8	104.3	104.6	104.5	101.3
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	113.9	83.1	115.1	115.1	113.2	110.1
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	122.4	82.6	112.6	118.1	116.6	114.4
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	109.3	66.0	102.5	105.2	107.9	99.5
5.5	Maklumat dan komunikasi <i>Information and communication</i>	112.2	77.3	119.4	122.6	115.0	117.4
5.6	Kewangan dan insurans <i>Finance and insurance</i>	103.2	82.6	104.3	104.4	104.8	103.5
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	113.1	77.4	109.3	110.6	108.3	105.5
5.8	Perkhidmatan lain <i>Other services</i>	97.8	75.4	101.1	98.1	100.3	99.5
Jumlah jam bekerja <i>Total hours worked</i>		105.3	76.3	104.5	104.9	104.4	101.7



19 Quarterly hours worked index by economic activity (2015=100), Q1 2020 - Q3 2024

2021		2022 ^e				2023 ^p				2024		
III	IV	I	II	III	IV	I	II	III	IV	I	II	III
103.0	101.6	102.0	103.6	105.1	103.3	103.8	105.5	107.0	104.3	104.6	106.8	106.8
91.7	94.2	95.2	93.6	96.1	96.1	96.1	98.1	96.5	98.0	98.9	97.1	98.3
99.2	109.3	110.3	110.0	110.7	113.2	113.6	114.6	115.8	116.2	116.2	116.6	118.3
116.7	126.6	129.6	128.1	129.4	132.6	135.8	134.8	139.5	138.2	138.7	142.1	144.0
93.8	95.8	101.0	93.9	96.8	97.2	101.0	105.1	95.8	106.1	118.6	107.3	107.9
114.2	125.1	132.0	130.4	126.4	123.2	127.5	130.2	123.5	121.2	125.6	127.7	129.2
77.6	91.1	91.4	91.5	92.8	95.7	93.7	96.2	99.8	99.2	95.5	95.8	97.2
104.6	108.8	110.2	109.5	110.6	111.4	112.4	112.9	113.3	114.1	117.1	118.9	119.6
97.5	111.3	110.6	109.8	110.8	112.1	112.3	111.4	114.0	116.0	113.6	112.5	115.6
100.6	110.3	108.2	110.4	111.6	116.2	113.4	117.5	117.8	119.0	117.8	116.5	117.9
80.2	91.5	94.4	92.6	92.4	98.1	101.7	97.6	98.5	99.2	100.9	100.5	102.0
76.3	88.5	90.2	88.9	89.8	90.2	91.0	91.2	91.5	91.1	90.6	89.8	91.4
105.0	111.6	114.2	114.3	115.7	118.8	119.2	119.6	121.4	121.9	122.6	125.5	125.9
96.1	107.3	109.6	106.8	109.7	117.1	113.1	112.1	115.0	116.2	113.6	117.6	120.1
110.6	118.2	120.9	122.1	124.1	127.7	126.1	126.8	126.8	126.8	128.9	130.5	132.5
117.7	122.2	126.4	123.4	126.9	128.6	134.6	135.1	140.7	141.5	140.4	146.1	147.9
97.0	107.4	111.5	112.0	114.2	120.7	120.0	120.3	120.5	122.6	120.7	123.8	123.7
118.4	125.0	122.5	122.5	129.1	134.8	127.9	130.1	131.8	134.9	133.9	135.4	137.2
101.6	104.9	105.6	105.5	102.8	100.1	100.9	109.0	107.5	109.9	111.0	110.8	113.0
102.0	108.9	111.7	111.4	111.4	118.1	118.9	117.0	119.3	118.6	120.6	123.7	122.1
95.9	101.9	103.9	105.0	105.1	106.6	106.7	106.4	108.4	108.9	109.5	112.5	111.4
100.5	107.3	109.3	109.3	110.5	112.6	113.1	113.7	115.2	115.2	115.6	117.5	118.3

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I10 Indeks pekerja suku tahunan mengikut aktiviti ekonomi (2015=100), ST1 2020 - ST3 2024

Aktiviti ekonomi <i>Economic activity</i>		2020				2021	
		I	II	III	IV	I	II
1. Pertanian <i>Agriculture</i>		100.4	98.7	100.1	98.6	99.6	100.5
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>		94.2	94.3	98.1	86.5	93.4	94.1
3. Pembuatan <i>Manufacturing</i>		108.3	105.4	106.8	108.6	109.5	108.3
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	116.0	115.6	116.6	119.3	120.1	121.1
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	113.1	97.5	98.8	98.3	102.6	97.0
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	119.9	109.6	109.3	112.2	117.9	115.7
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	98.1	92.5	95.2	96.3	96.7	91.4
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	107.9	107.1	109.2	111.0	112.5	112.8
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	111.1	110.0	110.7	112.3	113.7	109.4
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	108.2	106.6	107.9	109.4	108.0	109.9
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	93.3	88.0	90.3	92.5	92.1	89.4
4. Pembinaan <i>Construction</i>		93.9	89.9	92.5	92.5	91.7	91.6
5. Perkhidmatan <i>Services</i>		114.1	111.6	113.0	113.7	114.2	114.0
5.1	Utiliti <i>Utilities</i>	105.5	104.2	104.7	107.7	107.0	106.0
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	119.4	120.0	121.0	119.7	121.0	121.6
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	128.6	120.5	121.4	125.4	124.3	124.6
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	114.9	106.4	106.5	111.1	113.3	106.4
5.5	Maklumat dan komunikasi <i>Information and communication</i>	112.6	117.1	120.9	123.6	117.6	120.6
5.6	Kewangan dan insurans <i>Finance and insurance</i>	107.3	108.6	108.5	106.9	107.6	107.5
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	117.5	113.3	116.0	116.2	114.7	114.2
5.8	Perkhidmatan lain <i>Other services</i>	102.1	100.7	102.4	102.6	104.4	104.3
Jumlah pekerja <i>Total employment</i>		108.9	106.4	107.9	108.4	108.9	108.7



110 Quarterly employment index by economic activity (2015=100), Q1 2020 - Q3 2024

2021		2022 ^e				2023 ^p				2024		
III	IV	I	II	III	IV	I	II	III	IV	I	II	III
100.7	98.5	98.8	99.8	100.1	98.0	99.9	100.0	100.7	98.8	100.0	101.1	101.7
95.8	96.0	95.9	95.7	96.2	96.3	96.3	96.5	96.6	96.5	96.4	96.7	96.7
109.8	112.6	113.6	113.7	114.8	115.2	116.5	116.9	118.3	118.7	118.5	118.8	119.9
122.3	126.0	126.7	127.5	129.4	130.9	132.9	134.6	138.1	138.0	137.8	137.8	140.9
100.4	100.3	104.1	99.8	100.9	102.3	106.4	105.0	105.0	105.5	108.3	109.0	107.5
115.0	120.1	124.8	123.1	121.5	116.5	117.2	117.7	117.4	117.9	119.1	119.1	119.1
95.8	98.5	98.7	97.1	98.8	98.4	99.6	101.4	103.5	104.1	102.8	102.8	104.2
112.6	113.0	115.4	115.5	116.6	115.1	116.7	116.0	117.3	118.1	118.9	118.8	120.1
111.2	114.6	115.9	114.3	114.9	116.0	117.0	116.0	118.6	119.9	119.4	119.4	121.5
111.3	114.1	112.7	115.4	117.1	118.7	119.6	120.3	120.4	120.3	119.6	120.3	120.3
91.8	94.2	95.8	95.4	96.3	101.0	102.4	101.3	101.7	101.4	102.1	103.0	103.0
90.6	91.4	91.1	91.1	90.8	91.4	91.7	92.0	92.1	92.5	92.7	92.8	92.9
114.5	116.1	117.5	118.7	120.0	121.6	122.2	123.0	123.8	125.2	125.6	127.6	128.6
106.1	107.7	108.1	109.4	111.4	111.8	108.9	110.0	111.7	113.7	112.7	116.8	118.4
123.2	125.1	126.9	128.8	129.8	131.1	130.7	131.3	132.2	133.4	134.2	136.0	137.2
125.3	126.4	129.1	130.3	131.9	135.9	139.2	141.9	143.3	147.4	147.5	151.7	153.6
105.4	110.7	113.8	115.3	117.3	121.2	122.3	122.8	123.0	124.1	125.5	128.3	128.9
122.2	125.9	122.9	125.3	127.0	130.3	130.5	131.6	132.7	134.5	133.6	135.2	136.6
107.3	106.8	106.8	106.9	107.7	108.4	109.3	109.1	109.5	110.3	110.8	111.8	111.6
113.7	115.1	115.5	117.3	119.0	119.7	120.4	120.8	121.2	121.9	122.1	124.4	125.5
104.6	105.6	106.4	107.1	108.1	108.7	108.8	109.2	109.6	110.2	110.5	111.3	111.8
109.2	110.4	111.3	112.2	113.1	113.9	114.8	115.4	116.1	116.8	117.2	118.6	119.5

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PENGENALAN

Penerbitan ini membentangkan statistik produktiviti buruh suku tahunan bagi tempoh suku pertama 2020 hingga suku ketiga 2024 mengikut aktiviti ekonomi. Statistik ini disusun berdasarkan konsep dan panduan yang digariskan dalam ***System of National Accounts 2008, United Nations*** dan ***The Organisation for Economic Co-operation and Development (OECD) Manual: Measuring Productivity***.

Statistik yang tersedia dalam penerbitan ini termasuk nilai dan perubahan peratusan tahunan. Namun, metodologi penyusunan telah ditambah baik dengan komponen baharu iaitu indeks produktiviti buruh per jam bekerja dan indeks produktiviti buruh per pekerja yang diterbitkan kepada umum bermula pada suku pertama 2022. Indeks produktiviti buruh ini menggunakan 2015 sebagai tahun asas.

SKOP DAN LIPUTAN

Penyusunan statistik produktiviti buruh meliputi lima sektor utama iaitu Pertanian, Perlombongan dan pengkuarian, Pembuatan, Pembinaan, dan Perkhidmatan berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver.1.0, selaras dengan *International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4* yang diterbitkan oleh United Nations. Pengelasan subsektor dan aktiviti ekonomi adalah seperti paparan di bawah, dengan perincian lapan (8) subsektor bagi sektor Pembuatan dan Perkhidmatan.

Klasifikasi Aktiviti Ekonomi mengikut MSIC 2008 Ver. 1.0

SEKTOR	BAHAGIAN	PEMBAHAGIAN	KETERANGAN
Pertanian	A		Pertanian, perhutanan dan perikanan
Perlombongan dan pengkuarian	B		Perlombongan dan pengkuarian
Pembuatan	C		Pembuatan
		10	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan
		11, 12	Minuman dan produk tembakau
		13, 14, 15	Produk tekstil, pakaian dan kulit
		16, 17, 18, 31	Produk kayu, perabot, keluaran kertas dan percetakan
		19, 20, 21, 22	Produk petroleum, kimia, getah dan plastik
		23, 24, 25*	Produk mineral bukan logam, logam asas dan produk logam yang direka *tidak termasuk 252
		26, 27, 28	Produk elektrik, elektronik dan optikal *termasuk 252 & 325
		29, 30, 32*, 33	Peralatan pengangkutan, pembuatan lain dan pembaikan *tidak termasuk 325
Pembinaan	F		Pembinaan
Perkhidmatan	D, E		Utiliti
	G		Perdagangan borong dan runcit
	I		Makanan & minuman dan penginapan
	H		Pengangkutan dan penyimpanan
	J		Maklumat dan komunikasi
	K		Kewangan dan insurans
	L, M, N		Hartanah dan perkhidmatan perniagaan
	P, Q, R, S, T		Perkhidmatan lain



KONSEP DAN DEFINISI

Konsep produktiviti buruh merujuk kepada kecekapan dan keberkesanan setiap pekerja untuk menjana nilai ditambah atau output keseluruhan. Produktiviti buruh boleh didefinisikan sebagai nisbah output (barangan dan perkhidmatan) kepada input (pekerja dan jumlah jam bekerja).

Produktiviti boleh diukur dengan pelbagai kaedah mengikut keperluan dan ketersediaan data. Kaedah-kaedah ini boleh diklasifikasikan kepada dua kategori iaitu **produktiviti faktor tunggal** dan **produktiviti faktor pelbagai**. *Malaysia Productivity Blueprint* (MPB) telah menggariskan penggunaan input buruh sebagai indikator produktiviti selari dengan keperluan Rancangan Malaysia Kesebelas. Namun begitu, faktor-faktor lain yang mempengaruhi nilai ditambah seperti aset dan teknologi tidak boleh diukur melalui kaedah ini.

Penggunaan kaedah produktiviti faktor tunggal boleh memberi kesan kepada nilai produktiviti di mana bagi sesetengah industri mungkin tidak merujuk kepada jumlah sebenar pengeluaran bagi seorang pekerja. Pengguna disarankan menggunakan data indeks dan perubahan peratusan bagi tujuan analisis. Nilai produktiviti buruh dalam penerbitan ini adalah sebagai rujukan sahaja dan sebarang analisis perbandingan perlu dibuat secara berhati-hati.

Nilai ditambah

Nilai ditambah merujuk kepada perbezaan antara output dan penggunaan perantaraan. Output adalah nilai barangan dan perkhidmatan yang dikeluarkan. Ini termasuk pengeluaran untuk pasaran, pengeluaran untuk kegunaan sendiri dan pengeluaran bukan pasaran (perkhidmatan kerajaan dan NPISHs). Pengeluaran barangan dan perkhidmatan tidak semestinya untuk dijual atau perolehan oleh pertubuhan. Sementara itu, penggunaan perantaraan adalah nilai barangan dan perkhidmatan yang digunakan (sebagai input) dalam proses pengeluaran barangan dan perkhidmatan tidak termasuk gaji dan upah, susut nilai daripada modal dan faedah bersih yang dibayar.

Nilai ditambah barangan dan perkhidmatan dalam aktiviti ekonomi hampir menyamai dengan keuntungan perniagaan, gaji dan upah, susut nilai dan cukai tidak langsung; campur faedah yang dibayar dan tolak faedah yang diterima.

Pekerja

Pekerja merujuk kepada mereka yang bekerja sekurang-kurangnya sejam semasa minggu rujukan untuk mendapatkan upah, keuntungan atau keuntungan keluarga (sebagai majikan, pekerja, bekerja sendiri atau pekerja keluarga tanpa gaji). Mereka juga dianggap bekerja jika:

- Tidak bekerja semasa minggu rujukan disebabkan sakit, kecederaan, tiada upaya, cuaca buruk, bercuti, pertelingkahan buruh dan sebab-sebab sosial atau keagamaan tetapi mempunyai pekerjaan, perusahaan ladang atau perusahaan keluarga lain untuk kembali bekerja.
- Tidak bekerja buat sementara waktu tetapi bergaji dan pasti akan dipanggil bekerja semula.
- Bekerja kurang daripada 30 jam semasa minggu rujukan disebabkan bentuk kerja atau disebabkan kurang kerja, tetapi berkeupayaan serta sanggup menerima tambahan bilangan jam bekerja. Kumpulan ini merupakan guna tenaga tidak penuh.



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

Jumlah jam bekerja

Jumlah jam bekerja bagi pekerjaan dalam tempoh rujukan merujuk kepada agregat sebenar jam bekerja bagi suku tahun. Ini merupakan hasil darab daripada purata jam bekerja dengan pekerja jam bekerja. Pekerja jam bekerja merujuk kepada keseluruhan pekerja tidak termasuk mereka yang tidak bekerja pada akhir tempoh rujukan kerana sakit, kecederaan, hilang upaya, cuaca buruk, cuti, pertikaian buruh dan sebab sosial atau agama.

$$THW = AHW \times EmpHW$$

di mana:

THW	Jumlah jam bekerja
AHW	Purata jam bekerja
EmpHW	Pekerja jam bekerja

Produktiviti buruh per pekerja

Produktiviti buruh per pekerja ditakrifkan sebagai nisbah output (barangan dan perkhidmatan) kepada input (pekerja). Ukuran ini menggambarkan jumlah output yang dihasilkan oleh setiap orang yang bekerja sepenuh masa, separuh masa, bekerja sendiri atau pekerja keluarga tanpa gaji yang bekerja sekurang-kurangnya satu jam dalam seminggu. Pekerja merujuk kepada keseluruhan pekerja pada akhir tempoh rujukan.

$$LPE = \frac{VA}{Emp}$$

di mana:

LPE	Produktiviti buruh per pekerja
VA	Nilai ditambah
Emp	Pekerja

Produktiviti buruh per jam bekerja

Produktiviti buruh per jam bekerja ditakrifkan sebagai nisbah output (barangan dan perkhidmatan) kepada input (jumlah jam bekerja). Ukuran ini menggambarkan jumlah output yang dihasilkan dalam tempoh sejam berdasarkan kategori pekerja yang bekerja sepenuh masa, separuh masa, bekerja sendiri atau pekerja keluarga tanpa gaji yang bekerja sekurang-kurangnya satu jam dalam seminggu. Pekerja jam bekerja merujuk kepada keseluruhan pekerja kecuali mereka yang tidak bekerja pada akhir tempoh rujukan kerana sakit, kecederaan, hilang upaya, cuaca buruk, cuti, pertikaian buruh dan sebab sosial atau agama.



$$LPHW = \frac{VA}{THW}$$

di mana:

LPHW	Produktiviti buruh per jam bekerja
VA	Nilai ditambah
THW	Jumlah jam bekerja

Indeks produktiviti buruh

Indeks produktiviti buruh (LPI) ialah petunjuk untuk mengukur kecekapan input yang digunakan bagi menjana output dalam tempoh masa tertentu. LPI ditakrifkan sebagai nisbah indeks output (barangan dan perkhidmatan) kepada indeks input (pekerja dan jumlah jam bekerja). LPI diukur pada tempoh rujukan berbanding tahun asas 2015, (2015=100).

$$LP_i = \frac{O_i}{I_i} \times 100$$

di mana:

LP_i	Indeks produktiviti buruh
O_i	Indeks output (nilai ditambah)
I_i	Indeks input (pekerja atau jumlah jam bekerja)

KAEDAH PENGANGGARAN PRODUKTIVITI BURUH

Penganggaran produktiviti buruh suku tahunan diukur menggunakan kaedah produktiviti faktor tunggal. Anggaran ini dibuat berdasarkan maklumat nilai ditambah per pekerja dan nilai ditambah per jam bekerja mengikut aktiviti ekonomi. Pengukuran produktiviti buruh per jam bekerja memberikan gambaran yang lebih baik berkenaan perkembangan produktiviti dalam ekonomi berbanding produktiviti buruh per pekerja kerana elemen perbezaan komposisi pekerja sepenuh masa/ separuh masa telah dihapuskan. Maklumat tambahan berkaitan penganggaran produktiviti buruh boleh diperoleh dari www.dosm.gov.my.

Nilai ditambah yang digunakan adalah nilai pada harga malar di mana nilai ini merujuk kepada nilai barangan dan perkhidmatan pada harga asas tahun 2015. Pekerja merujuk kepada bilangan keseluruhan pekerja dalam tempoh rujukan, manakala jumlah jam bekerja ialah agregat sebenar jam bekerja dalam tempoh rujukan.

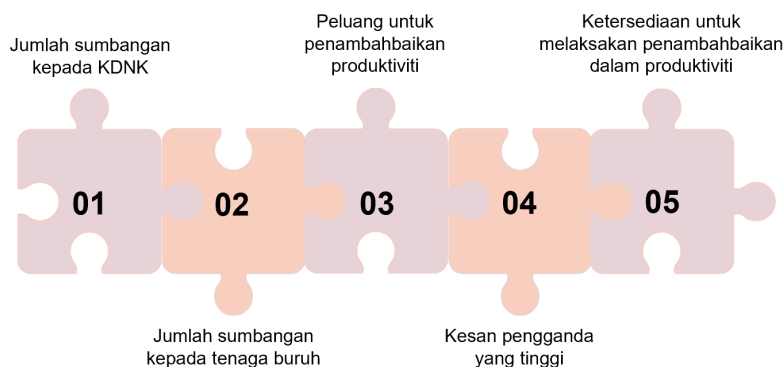
Kaedah penganggaran data pekerja adalah berdasarkan data banci dan survei yang dijalankan oleh DOSM serta data pentadbiran daripada pelbagai agensi. Anggaran suku tahunan dan tahunan meliputi keseluruhan pekerja mengikut aktiviti ekonomi. Pekerja tahunan adalah purata pekerja suku tahunan bagi tahun tersebut. Anggaran pekerja dikira menggunakan kaedah ekstrapolasi yang merujuk kepada pelbagai sumber data manakala jumlah pekerja merujuk kepada penduduk bekerja yang diterbitkan dalam laporan suku tahunan Survei Tenaga Buruh (STB). Perlu diingatkan bahawa anggaran pekerja mengikut aktiviti ekonomi tidak semata-mata berdasarkan STB kerana komponen pekerja produktiviti buruh telah mengambil kira penyelarasan sumber data penawaran dan permintaan buruh.



11 SUBSEKTOR KEUTAMAAN

Salah satu strategi nasional untuk memacu pertumbuhan dan perkembangan ekonomi secara berterusan adalah melalui kerjasama industri di Malaysia. Selari dengan ini, kerajaan telah melancarkan **Malaysia Productivity Blueprint (MPB)** pada Mei 2017 sebagai sebahagian daripada Rancangan Malaysia Kesebelas. Terdapat 9 subsektor keutamaan dalam MPB yang dikenal pasti menunjukkan potensi pertumbuhan yang tinggi untuk negara. Mulai 2023, sebanyak dua subsektor keutamaan baharu diperkenalkan iaitu Pembinaan & alam bina dan Logistik, menjadikan jumlah subsektor keutamaan sebanyak 11, manakala bilangan sektor utama turut bertambah iaitu Pertanian, Pembuatan, Pembinaan, dan Perkhidmatan. Sehubungan ini, subsektor keutamaan Agromakanan dan Penjagaan kesihatan swasta juga telah dikaji semula dan diterbitkan pada suku tahun keempat 2023 [rujuk jadual di muka surat 73].

11 subsektor keutamaan telah dikenal pasti termasuk Agromakanan; Kimia dan produk kimia; Elektrik dan elektronik; Mesin dan peralatan; Pembinaan & alam bina; Peruncitan dan makanan & minuman; Logistik; Pelancongan; Digital; Perkhidmatan profesional; dan Penjagaan kesihatan swasta. Pemilihan 11 subsektor ini berikutan sumbangan sebanyak 30 peratus kepada Keluaran Dalam Negeri Kasar (KDNK) Malaysia dan 40 peratus kepada jumlah pekerja. Subsektor ini diberi keutamaan berdasarkan kriteria berikut:



11 subsektor keutamaan untuk memacu pelaksanaan inisiatif produktiviti seperti yang digariskan oleh MPB adalah seperti berikut:



Klasifikasi 11 subsektor keutamaan yang telah ditentukan menggunakan MSIC 2008 Ver. 1.0 adalah seperti yang ditunjukkan di bawah.

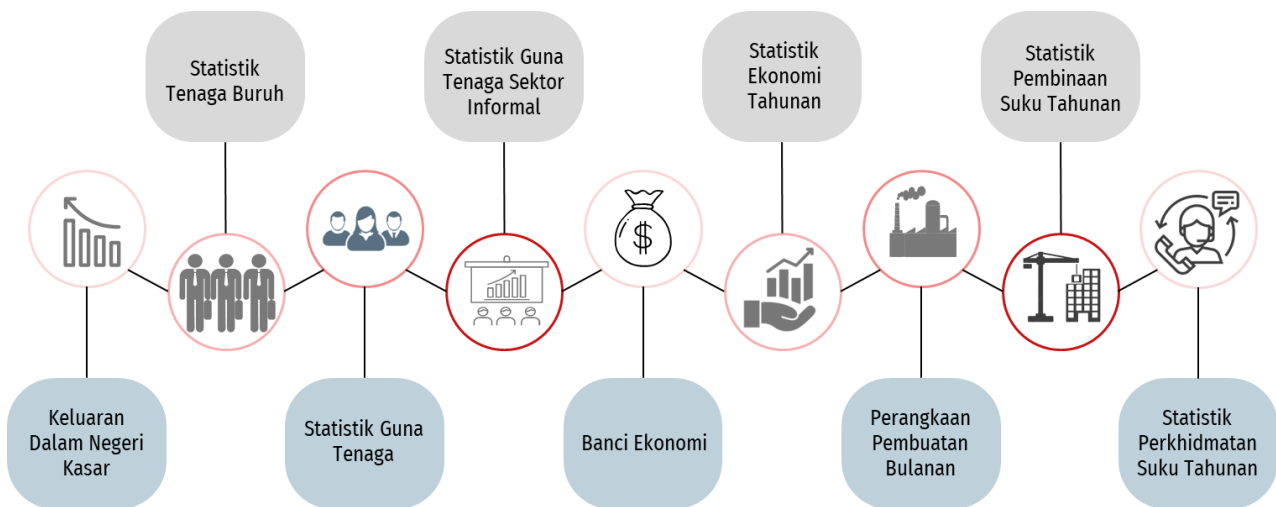
Klasifikasi 11 subsektor keutamaan menggunakan MSIC 2008 Ver. 1.0

MSIC	KETERANGAN
AGROMAKANAN	
011	Penanaman tanaman tidak kekal*
012	Penanaman tanaman kekal**
013	Pembiakan tumbuhan
014	Pengeluaran ternakan
015	Pertanian campuran
03	Perikanan dan akuakultur
	* tidak termasuk: 01150
	** tidak termasuk: 01261, 01262, 01273, 01281, 01291, 01292, 01295
KIMIA DAN PRODUK KIMIA	
20	Pembuatan kimia dan produk kimia
ELEKTRIK DAN ELEKTRONIK	
26	Pembuatan produk komputer, elektronik dan optikal
27	Pembuatan kelengkapan elektrik
MESIN DAN PERALATAN	
28	Pembuatan jentera dan peralatan t.t.t.l.
PEMBINAAN & ALAM BINA	
41	Pembinaan bangunan
42	Kejuruteraan awam
43	Aktiviti pembinaan pertukangan khas
PERUNCITAN DAN MAKANAN & MINUMAN	
47	Perdagangan runcit, kecuali kenderaan bermotor dan motosikal
56	Aktiviti perkhidmatan makanan dan minuman
LOGISTIK	
49	Pengangkutan darat dan pengangkutan melalui saluran paip ⁺
50	Pengangkutan air ⁺⁺
51	Pengangkutan udara [#]
52	Penggudangan dan aktiviti sokongan untuk pengangkutan ^{##}
53	Perkhidmatan pos dan kurier
	⁺ hanya termasuk: 49120, 49230, 49300
	⁺⁺ hanya termasuk: 50121, 50122, 50220
	[#] hanya termasuk: 51201, 51202, 51203
	^{##} tidak termasuk: 52212, 52213, 52214, 52231, 52232, 52233, 52234, 52292
PELANCONGAN	
55	Penginapan
79	Agensi pengembaraan, operator pelancongan, khidmat penempahan dan aktiviti berkaitan
90	Aktiviti kesenian, hiburan dan kreatif
91	Aktiviti perpustakaan, arkib, muzium dan kebudayaan lain
93	Aktiviti sukan dan aktiviti hiburan dan rekreasi
DIGITAL [Teknologi, maklumat dan komunikasi (ICT)]	
58	Aktiviti penerbitan
59	Aktiviti penerbitan wayang gambar, video dan program televisyen, rakaman bunyi dan penerbitan muzik
60	Aktiviti pemrograman dan penyiaran
61	Telekomunikasi
62	Pengaturcaraan komputer, perundingan dan aktiviti yang berkaitan
63	Aktiviti perkhidmatan maklumat
PERKHIDMATAN PROFESIONAL	
69	Aktiviti guaman dan perakaunan
70	Aktiviti ibu pejabat; aktiviti perundingan pengurusan
71	Aktiviti arkitek dan kejuruteraan; ujian teknikal dan analisis
72	Penyelidikan dan pembangunan saintifik
73	Pengiklanan dan penyelidikan pasaran
74	Perkhidmatan profesional, saintifik dan teknikal lain
75	Aktiviti veterinar
PENJAGAAN KESIHATAN SWASTA	
86	Aktiviti kesihatan kemanusiaan
87	Aktiviti rumah penjagaan



SUMBER DATA

Sumber data utama penerbitan ini terdiri daripada statistik yang diterbitkan oleh Jabatan Perangkaan Malaysia:



Data sekunder turut digunakan dalam penganggaran produktiviti buruh iaitu *Employment Statistics in Financial Industry* dari Bank Negara Malaysia, Statistik Penjawat Awam dari Jabatan Perkhidmatan Awam dan Statistik Pekerja Asing dari Kementerian Dalam Negeri.

PEMBUNDARAN

Hasil tambah bagi sesuatu kategori mungkin berbeza dengan jumlah besar tertera di dalam jadual kerana pembundaran secara bebas.

SIMBOL DAN SINGKATAN

&	: dan	ST	: suku tahun	e	: anggaran
%	: peratus	r	: disemak	p	: permulaan
RM	: Ringgit Malaysia	KDNK	: Keluaran Dalam Negeri Kasar	OECD	: Organisation for Economic Co-operation and Development
NPISHs	: Non-Profit Institutions Serving Households	MPB	: Malaysia Productivity Blueprint		

PENERBITAN DAN SEMAKAN STATISTIK

Statistik produktiviti buruh yang dilaporkan dalam penerbitan ini bermula dari suku pertama 2020 hingga suku ketiga 2024 disusun berdasarkan anggaran Keluaran Dalam Negeri Kasar, jam bekerja dan pekerja. Statistik pekerja telah diselaraskan berdasarkan data terkini banci dan survei yang dilaksanakan oleh DOSM. Semakan semula statistik produktiviti buruh adalah tertakluk kepada semakan statistik nilai ditambah, jam bekerja dan pekerja.



INTRODUCTION

This publication presents the quarterly statistics of labour productivity from the first quarter of 2020 to the third quarter of 2024 by economic activity. These statistics are compiled based on the concepts and guidelines outlined in the **System of National Accounts 2008, United Nations and The Organisation for Economic Co-operation and Development (OECD) Manual: Measuring Productivity**.

Statistics available in this publication include values and annual percentage changes. However, the compilation methodology has been improved with new components namely the index of labour productivity per hour worked and the index of labour productivity per employment that are available to the public starting in the first quarter of 2022. Labour productivity index uses 2015 as base year .

SCOPE AND COVERAGE

The compilation of labour productivity statistics comprises five main sectors namely Agriculture, Mining and quarrying, Manufacturing, Construction, and Services based on the Malaysian Standard Industrial Classification (MSIC) 2008 Ver.1.0 in line with the International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4 published by the United Nations. The classification of sub-sectors and economic activities is as in exhibit below, with the Manufacturing and Services sectors can be detailed into eight sub-sectors.

Classification of Economic Activity according to MSIC 2008 Ver. 1.0

SECTOR	SECTION	DIVISION	DESCRIPTION
Agriculture	A		Agriculture, forestry and fishing
Mining and quarrying	B		Mining and quarrying
Manufacturing	C		Manufacturing
		10	Vegetable and animal oils & fats and food processing
		11, 12	Beverages and tobacco products
		13, 14, 15	Textiles, wearing apparel and leather products
		16, 17, 18, 31	Wood products, furniture, paper products and printing
		19, 20, 21, 22	Petroleum, chemical, rubber and plastic products
		23, 24, 25*	Non-metallic mineral products, basic metal and fabricated metal products *not including 252
		26, 27, 28	Electrical, electronic and optical products *including 252 & 325
		29, 30, 32*, 33	Transport equipment, other manufacturing and repair * not including 325
Construction	F		Construction
Services	D, E		Utilities
	G		Wholesale and retail trade
	I		Food & beverages and accommodation
	H		Transportation and storage
	J		Information and communication
	K		Finance and insurance
	L, M, N		Real estate and business services
	P, Q, R, S, T		Other services



CONCEPT AND DEFINITION

The concept of labour productivity refers to the efficiency and effectiveness of each employee to generate value added or overall output. Labour productivity can be defined as output ratio (goods and services) to input (employment and total hours worked).

Productivity can be measured by various methods depending on the requirements and availability of data. These methods can be classified into two categories namely **Single Factor Productivity** and **Multifactor Productivity**. Malaysia Productivity Blueprint (MPB) has outlined the use of labour input as a productivity indicator in line with the requirement of the Eleventh Malaysia Plan. Meanwhile, other factors influencing value added such as assets and technology cannot be measured through this method.

The use of Single Factor Productivity method affects the productivity values where for certain industries it may not refer to the actual amount of production for an employee. Users are advised to use index and percentage change data for analysis purposes. The labour productivity values in this publication are for reference only and any comparative analysis should be made with caution.

Value added

Value added refers to the difference between output and intermediate consumption. Output is value of goods and services produced. This includes market production, production for own final use, and non-market production (government services and NPISHs). Production of goods and services are not necessarily for sale or turnover of establishment. Meanwhile, intermediate consumption is the value of goods and services consumed (as input) in the production process of goods and services excluding salaries and wages, depreciation of capital and net interest paid.

Value added good and services by economic activity is approximately equivalent to commercial profit, salaries and wages, depreciation and indirect taxes; plus, interest paid and less interest received.

Employment

Employment refers to all persons who, at any time during the reference week worked at least one hour for pay, profit or family gain (as an employer, employee, own-account worker or unpaid family worker). They are also considered as employed if they:

- Did not work during the reference week because of illness, injury, disability, bad weather, leave, labour dispute and social or religious reasons but had a job, farm enterprise or other family enterprise to return to.
- Were temporary laid-off with pay and would definitely be called back to work.
- Were employed less than 30 hours during the reference week because of the nature of their work or due to insufficient work and were able and willing to accept additional hours of work. This group is underemployed.



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.

Total hours worked

Total hours worked for all employment during the reference period are the aggregate number of hours actually worked for a quarter. It is defined as the product of the average hours worked and the number of employment hours worked. Employment hours worked refers to the overall number of employees at the end of the reference period excluding the employees who did not work during the reference period because of illness, injury, disability, bad weather, leave, labour dispute and social or religious reasons.

$$THW = AHW \times EmpHW$$

where:

THW	Total hours worked
AHW	Average hours worked
EmpHW	Employment hours worked

Labour productivity per employment

Labour productivity per employment is measured as the ratio of output (goods and services) to input (employment). It reflects the amount of output produced by each employee in full-time, part-time, self-employed or unpaid family worker for at least one hour within a week. Employment refers to the overall number of employees at the end of the reference period.

$$LPE = \frac{VA}{Emp}$$

where:

LPE	Labour productivity per employment
VA	Value added
Emp	Employment

Labour productivity per hour worked

Labour productivity per hour worked is defined as the ratio of output (goods and services) to input (total hours worked). It reflects the amount of output produced within an hour based on the category of employees either in full-time, part-time, self-employed or unpaid family worker who worked for at least one hour within a week. Employment refers to the overall number of employees excluding the employees who did not work during the reference period because of illness, injury, disability, bad weather, leave, labour dispute and social or religious reasons.



$$LPHW = \frac{VA}{THW}$$

where:

LPHW	Labour productivity per hour worked
VA	Value added
THW	Total hours worked

Labour productivity index

Labour productivity index (LPI) is an indicator to measure the efficiency of inputs used to generate output in a given period of time. LPI is defined as the ratio of the output index (goods and services) to the input index (employees or total hours worked). LPI is measured at the reference period against the based year 2015, (2015=100).

$$LP_i = \frac{O_i}{I_i} \times 100$$

where:

LP_i	Index of labour productivity
O_i	Output index (value added)
I_i	Input index (employment or total hours worked)

GENERAL APPROACH OF LABOUR PRODUCTIVITY ESTIMATION

Quarterly labour productivity estimation is measured using the Single Factor Productivity method. This estimate is based on information of value added per employment and value added per hour worked by economic activity. Measurement of labour productivity per hour worked provides a better picture of the development of productivity in the economy than labour productivity per employment because the element of difference in the composition of full-time/part-time workers has been eliminated. Additional information regarding labour productivity estimation can be obtained from www.dosm.gov.my.

The value added at constant prices is used where it refers to the value of goods and services at 2015 prices. Employment refers to the overall number of employees in the reference period. Meanwhile, total hours worked is the aggregate number of hours actually worked during the period.

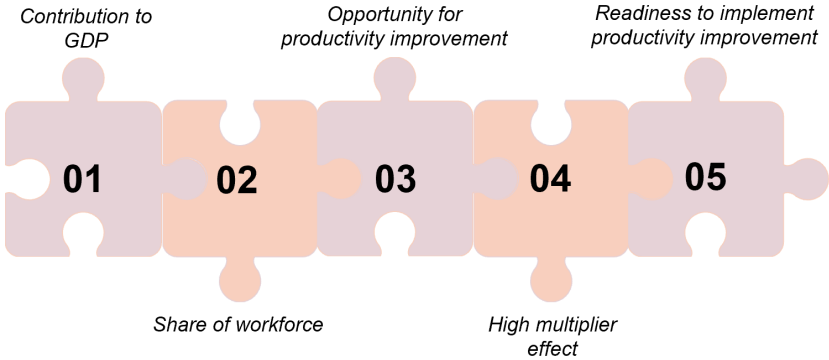
The methodology of estimating employment data are based on censuses and surveys data conducted by DOSM as well as administrative data from various agencies. Quarterly and annual estimations cover the entire employment according to the economic activity. Annual employment is the average quarterly employment for the year. Estimation for employment is calculated by using extrapolation method that refers to the various data sources. Meanwhile, the number of employees refers to the working population published in the quarterly report of the Labour Force Survey (LFS). It should be noted that employment estimates by economic activities are not solely based on LFS as the employment component of labour productivity has taken into account the harmonisation of labour supply and demand data sources.



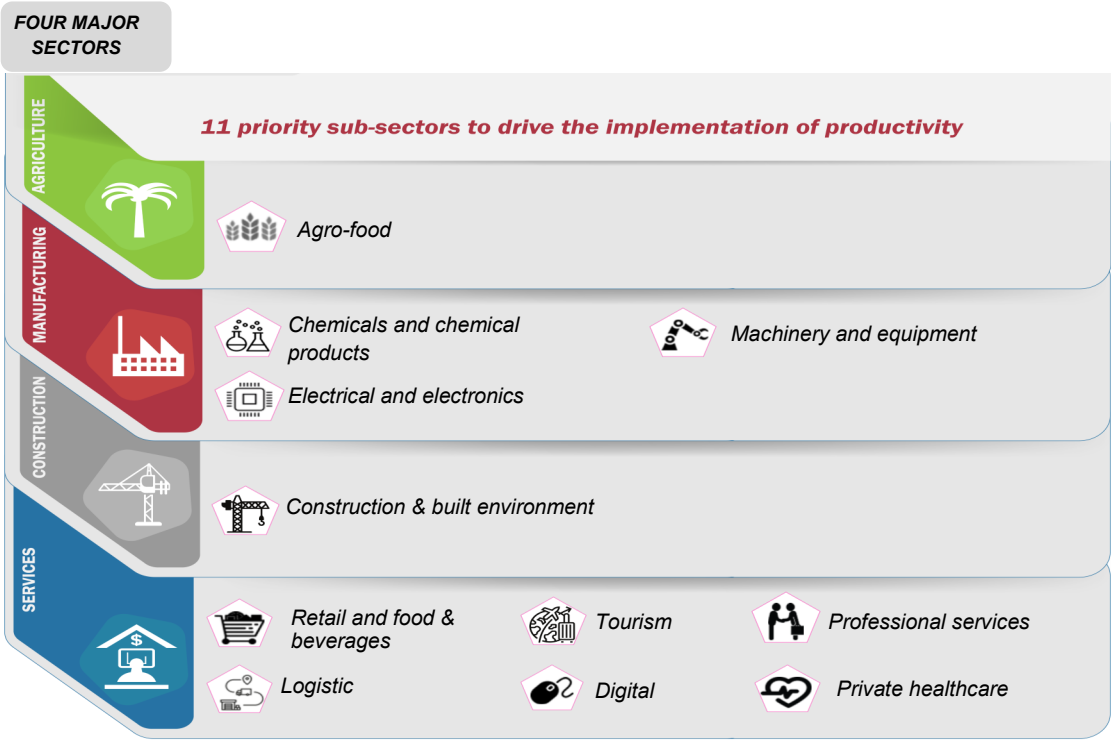
11 PRIORITY SUB-SECTORS

Unlocking greater productivity within industry in Malaysia is one of the national strategies to drive continuous economic growth and expansion. In line with this, the Government launched the **Malaysia Productivity Blueprint (MPB)** in May 2017 as part of the Eleventh Malaysia Plan. Within the MPB, 9 priority sub-sectors were identified as presenting high potential growth for the country. Starting 2023, two new priority sub-sectors were introduced, namely Construction & built environment and Logistic, bringing the total priority sub-sector to 11, while the number of main sectors also increased, namely Agriculture, Manufacturing, Construction, and Services. In this regard, the priority sub-sector of Agro-food and Private healthcare has also been reviewed and reported in fourth quarter 2023 [refer to table on page 80].

The 11 priority sub-sectors which have been identified includes Agro-food; Chemicals and chemical products; Electrical and electronics; Machinery and equipment; Construction & built environment; Retail and food & beverages; Logistic; Tourism; Digital; Professional services; and Private healthcare. Combined, the 11 priority sub-sectors selected contribute 30 per cent of Malaysia’s Gross Domestic Product (GDP) and 40 per cent of total employment. These sub-sectors are prioritised based on the following criteria:



11 priority sub-sectors to drive the implementation of productivity initiatives as outlined by the MPB are as follows:



Classification of 11 priority sub-sectors is based on MSIC 2008 Ver. 1.0 as shown in table below.

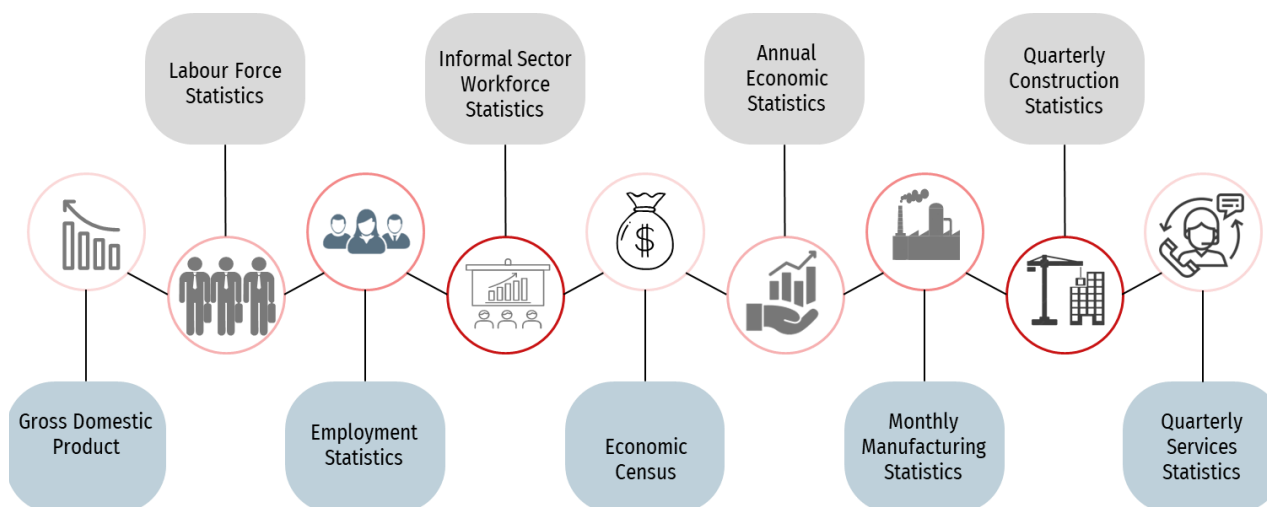
Classification of 11 priority sub-sectors using MSIC 2008 Ver. 1.0

MSIC	DESCRIPTION
AGRO-FOOD	
011	Growing of non-perennial crops*
012	Growing of perennial crops**
013	Plant propagation
014	Animal production
015	Mixed farming
03	Fishing & aquaculture
	* exclude: 01150
	** exclude: 01261, 01262, 01273, 01281, 01291, 01292, 01295
CHEMICALS AND CHEMICAL PRODUCTS	
20	Manufacture of chemicals and chemical products
ELECTRICAL AND ELECTRONICS	
26	Manufacture of computer, electronic and optical products
27	Manufacture of electrical equipment
MACHINERY AND EQUIPMENT	
28	Manufacture of machinery and equipment n.e.c.
CONSTRUCTION & BUILT ENVIRONMENT	
41	Construction of buildings
42	Civil engineering
43	Specialized construction activities
RETAIL AND FOOD & BEVERAGES	
47	Retail trade, except of motor vehicles and motorcycles
56	Food and beverage service activities
LOGISTICS	
49	Land transport and transport via pipelines ⁺
50	Water transport ⁺⁺
51	Air transport [#]
52	Warehousing and support activities for transportation ^{##}
53	Postal and courier activities
	⁺ include only: 49120, 49230, 49300
	⁺⁺ include only: 50121, 50122, 50220
	[#] include only: 51201, 51202, 51203
	^{##} exclude: 52212, 52213, 52214, 52231, 52232, 52233, 52234, 52292
TOURISM	
55	Accommodation
79	Travel agency, tour operator, reservation service and related activities
90	Creative, arts and entertainment activities
91	Libraries, archives, museums and other cultural activities
93	Sports activities and amusement and recreation activities
DIGITAL [Information, communication and technology (ICT)]	
58	Publishing activities
59	Motion picture, video and television programme production, sound recording and music publishing activities
60	Programming and broadcasting activities
61	Telecommunications
62	Computer programming, consultancy and related activities
63	Information service activities
PROFESSIONAL SERVICES	
69	Legal and accounting activities
70	Activities of head offices; management consultancy activities
71	Architectural and engineering activities; technical testing and analysis
72	Scientific research and development
73	Advertising and market research
74	Other professional, scientific and technical activities
75	Veterinary activities
PRIVATE HEALTHCARE	
86	Human health activities
87	Residential care activities



DATA SOURCES

The main data sources of this publication comprise of statistics produced by the Department of Statistics Malaysia:



RINGKASAN PENEMUAN
Summary of Findings

JADUAL
Tables

Secondary data also used in the estimation of labour productivity that are Employment Statistics in Financial Industry from the Central Bank of Malaysia, Statistics of Civil Servant from the Public Service Department Malaysia and Foreign Workers Statistics from the Ministry of Home Affairs.

INDEKS
Indices

ROUNDING

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

SYMBOLS AND ABBREVIATIONS

&	: and	Q	: quarter	e	: estimate
%	: percentage	r	: revised	p	: preliminary
MYR	: Malaysian Ringgit	GDP	: Gross Domestic Product	OECD	: Organisation for Economic Co-operation and Development
NPISHs	: Non-Profit Institutions Serving Households	MPB	: Malaysia Productivity Blueprint		

NOTA TEKNIKAL
Technical Notes

PUBLICATION AND REVISION OF STATISTICS

Labour productivity statistics presented in this publication from the first quarter 2020 to third quarter 2024 are compiled based on the estimates of Gross Domestic Product, hours worked and employment. Statistics on employment has been aligned with the latest available data from the censuses and surveys conducted by DOSM. Revision of statistics on labour productivity are subject to any revision on the statistics of value added, hours worked and employment.



**PENERBITAN INI BOLEH JUGA DIPEROLEH DI JABATAN PERANGKAAAN NEGERI SEPERTI BERIKUT:
THIS PUBLICATION IS ALSO AVAILABLE AT THE FOLLOWING STATES DEPARTMENT OF STATISTICS:**

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