



**KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA**

PRODUKTIVITI BURUH

LABOUR PRODUCTIVITY

SUKU KEEMPAT 2023

FOURTH QUARTER 2023

Pemakluman

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>.

Jabatan Perangkaan Malaysia (DOSM) akan menjalankan Banci Pertanian pada tahun 2024. Mohon layari <https://www.myagricensus.gov.my> untuk maklumat lanjut. "Banci Pertanian, Kunci Kemajuan Pertanian."

Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober setiap tahun. Tema sambutan MyStats Day adalah "Statistik Nadi Kehidupan".

Announcement

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

The Department of Statistics Malaysia (DOSM) will conduct the Agricultural Census in 2024. Please visit <https://www.myagricensus.gov.my> for more information. "Agriculture Census, Key to Agriculture Development."

The Government of Malaysia has declared National Statistics Day (MyStats Day) on October 20th each year. MyStats Day theme is "Statistics is the Essence of Life".

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DEPARTMENT OF STATISTICS MALAYSIA**

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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 keempat 2023. 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 2019 hingga suku keempat 2023. 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

Februari 2024

PREFACE

*This publication presents quarterly labour productivity statistics in Malaysia for fourth quarter of 2023. 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 2019 to the fourth quarter of 2023. 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

February 2024

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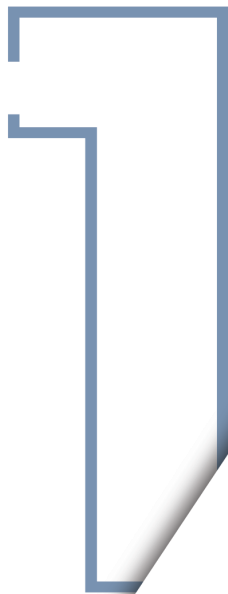
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RINGKASAN PENEMUAN
Summary of Findings



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PRODUKTIVITI BURUH SUKU KEEMPAT 2023

Produktiviti Buruh, Nilai Ditambah per Pekerja

Produktiviti buruh per pekerja pada ST4 2023 meningkat 0.5% merekodkan nilai ditambah per pekerja sebanyak RM25,080.

ST4 2023
RM25,080
(0.5%)
ST4 2023
16,347
(2.5%)

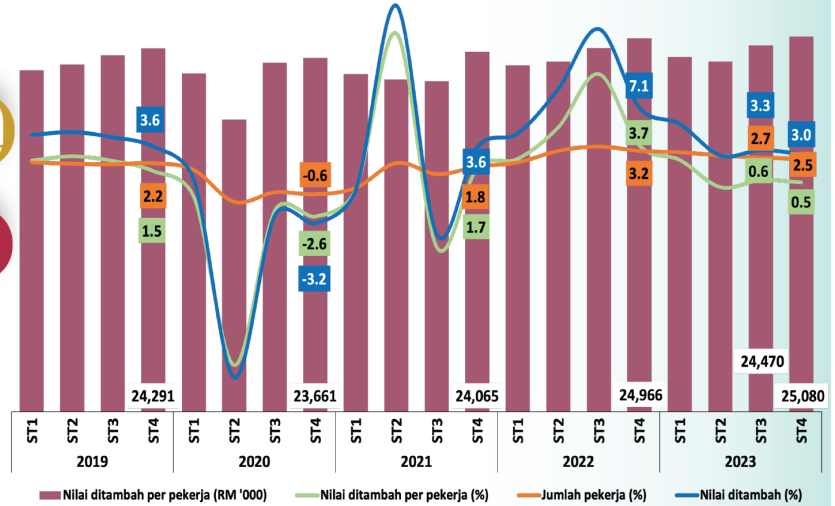
PERTANIAN
RM13,871 | 1.1%
RM14,792 | 0.3%

PERLOMBONGAN & PENGKUIARIAN
RM344,483 | 3.6%
RM302,703 | -0.5%

PEMBUATAN
RM33,746 | -3.2%
RM32,801 | -3.1%

PEMBINAAN
RM10,261 | 2.4%
RM10,474 | 6.7%

PERKHIDMATAN
RM23,871 | 1.2%
RM23,339 | 1.9%



Produktiviti Buruh, Nilai Ditambah per Jam Bekerja

Produktiviti buruh per jam bekerja pada ST4 2023 naik 0.7% mencatatkan nilai ditambah per jam bekerja sebanyak RM43.5.

ST4 2023
RM43.5
(0.7%)
ST4 2023
9,418
(2.3%)

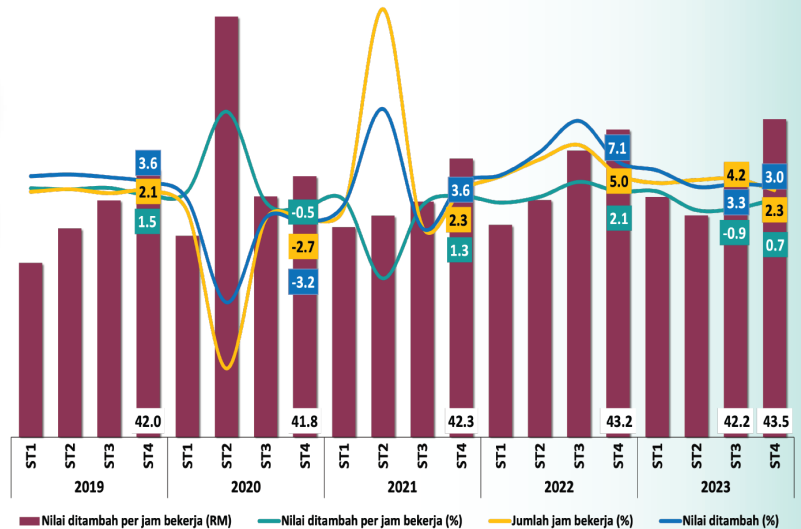
PERTANIAN
RM26.5 | 1.0%
RM27.0 | -0.9%

PERLOMBONGAN & PENGKUIARIAN
RM563.5 | 1.8%
RM503.3 | -0.4%

PEMBUATAN
RM66.9 | -2.8%
RM66.3 | -4.5%

PEMBINAAN
RM17.2 | 2.6%
RM17.5 | 5.2%

PERKHIDMATAN
RM41.6 | 1.5%
RM40.3 | 0.1%



Nota: Produktiviti buruh per pekerja Jumlah pekerja ('000 orang) Produktiviti buruh per jam bekerja Jumlah jam bekerja (juta jam)

% merujuk kepada perubahan peratusan tahunan daripada suku yang sama pada tahun sebelumnya

Sumber: Produktiviti Buruh, Suku Keempat 2023, Jabatan Perangkaan Malaysia (DOSM)



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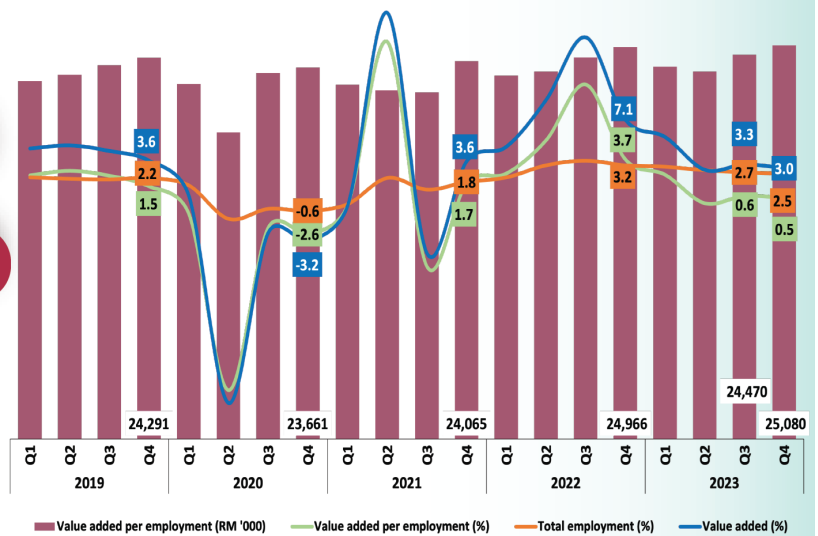
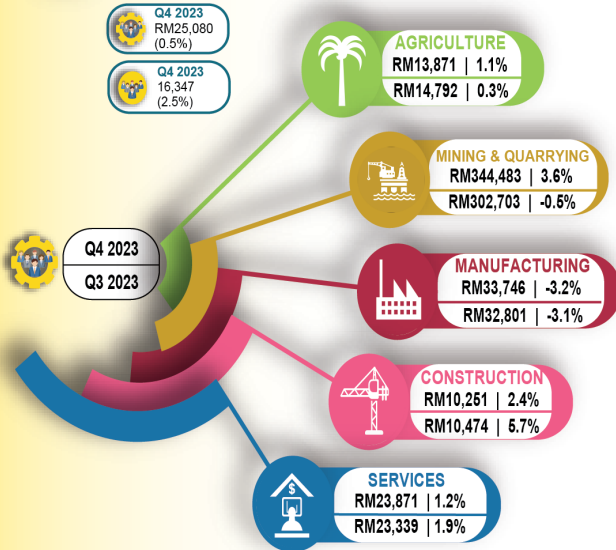
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LABOUR PRODUCTIVITY OF FOURTH QUARTER 2023

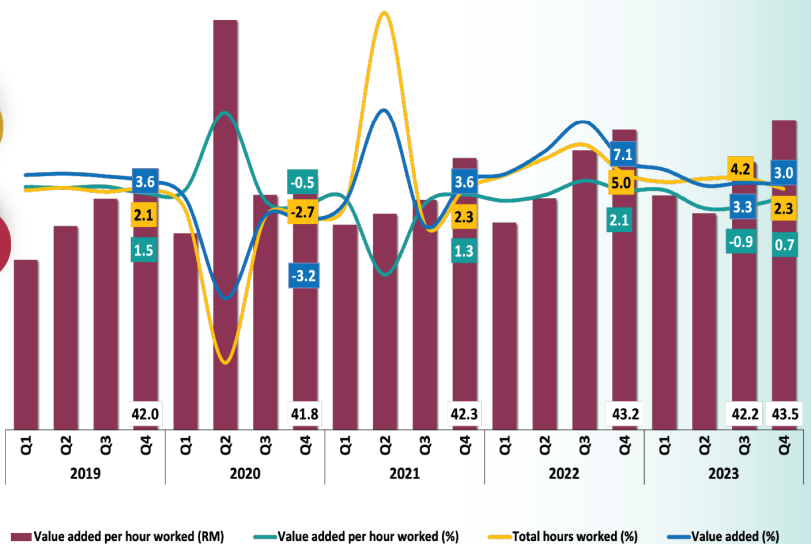
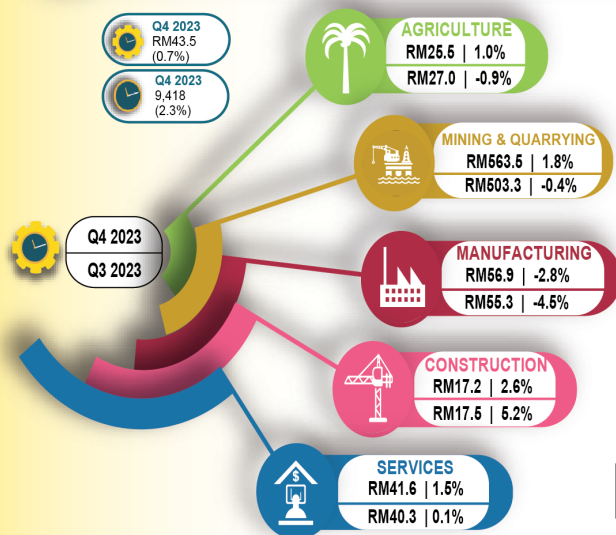
Labour Productivity, Value Added per Employment

Labour productivity per employment in Q4 2023 grew 0.5% to post value added per employment at RM25,080.



Labour Productivity, Value Added per Hour Worked

Labour productivity per hour worked in Q4 2023 grew 0.7% to post value added per hour worked at RM43.5.



Notes: Labour productivity per employment Total employment ('000 persons) Labour productivity per hour worked Total hours worked (million hours)

% refers to the annual percentage from the same quarter of the previous year Source: Labour Productivity, Fourth Quarter 2023, Department of Statistics Malaysia (DOSM)



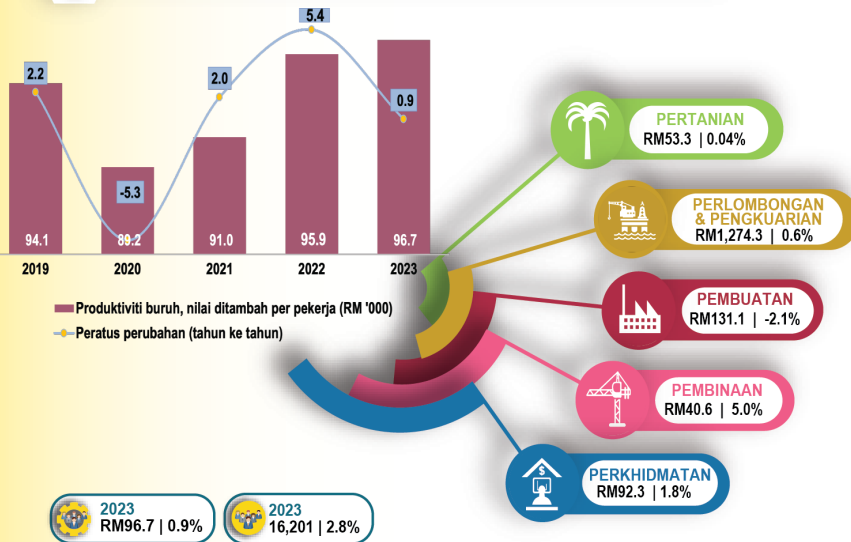
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PRODUKTIVITI BURUH TAHUNAN 2023



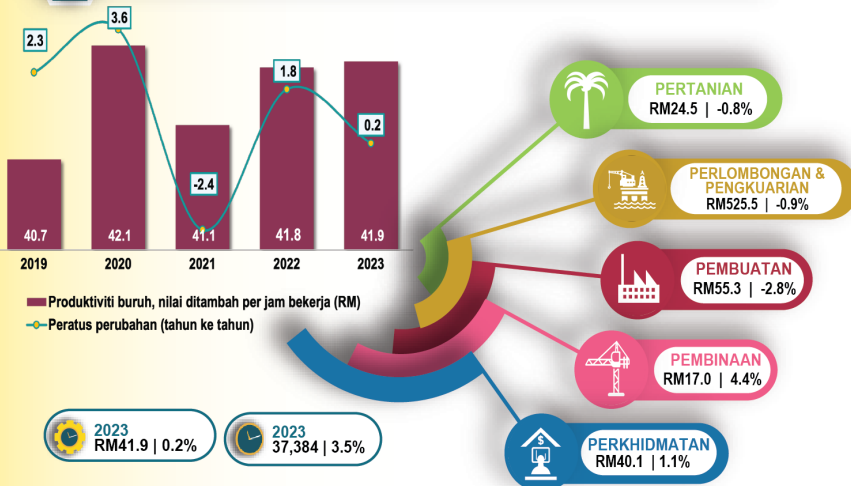
Produktiviti Buruh, Nilai Ditambah per Pekerja



Produktiviti buruh per pekerja pada 2023 meningkat 0.9% merekodkan nilai ditambah per pekerja sebanyak RM96,692.

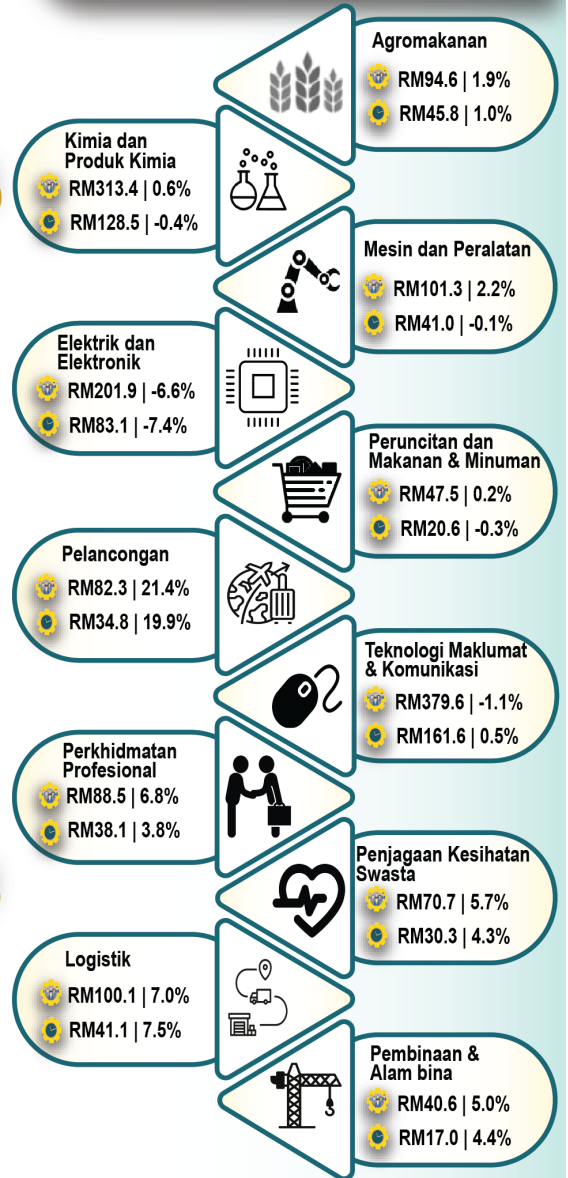


Produktiviti Buruh, Nilai Ditambah per Jam Bekerja



Nilai ditambah per jam bekerja naik 0.2% dengan nilai sebanyak RM41.9 per jam.

Produktiviti Buruh Tahunan Mengikut 11 Subsektor Keutamaan



Nota: Produktiviti buruh per pekerja (RM '000) Jumlah pekerja ('000 orang) Produktiviti buruh per jam bekerja Jumlah jam bekerja (juta jam)

% merujuk kepada perubahan peratusan tahunan daripada suku yang sama pada tahun sebelumnya

Sumber: Produktiviti Buruh, Suku Keempat 2023, Jabatan Perangkaan Malaysia (DOSM)



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AGRICULTURE
CENSUS 2024
KEY TO AGRICULTURAL DEVELOPMENT

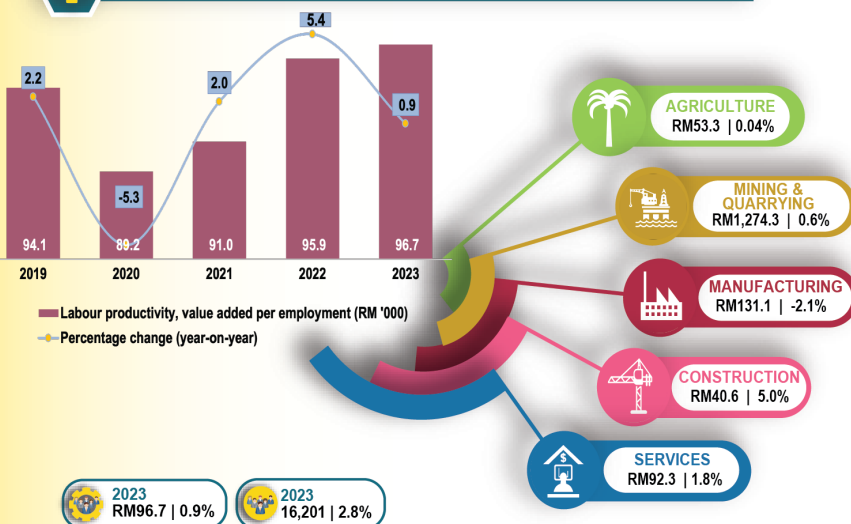
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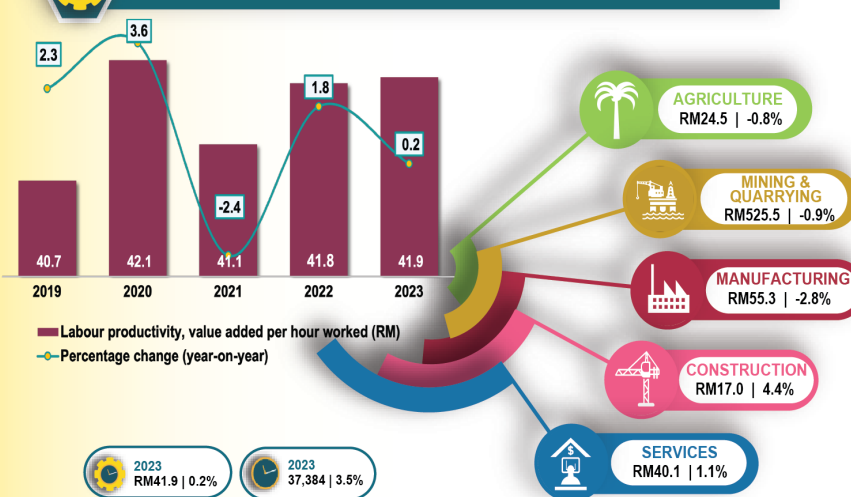
2018 - 2030

ANNUAL LABOUR PRODUCTIVITY 2023

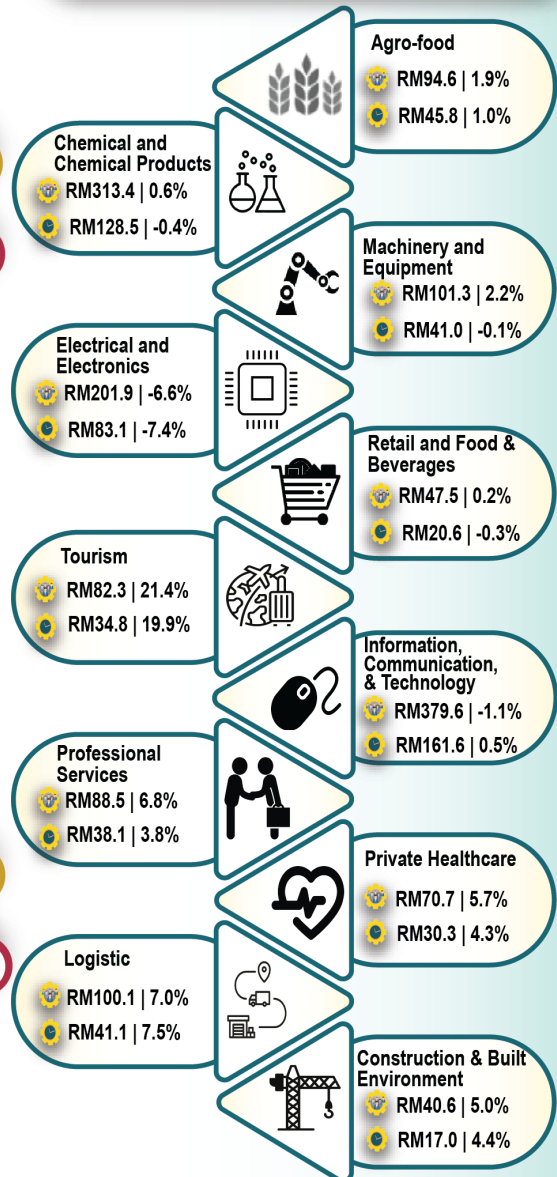
Labour Productivity, Value Added per Employment



Labour Productivity, Value Added per Hour Worked



Annual Labour Productivity by 11 Priority Sub-sectors



Notes: 🏠 Labour productivity per employment (RM '000) 🧑 Total employment ('000 persons) 🕒 Labour productivity per hour worked 🕒 Total hours worked (million hours)

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

Source: Labouring Productivity, Fourth Quarter 2023, Department of Statistics Malaysia (DOSM)

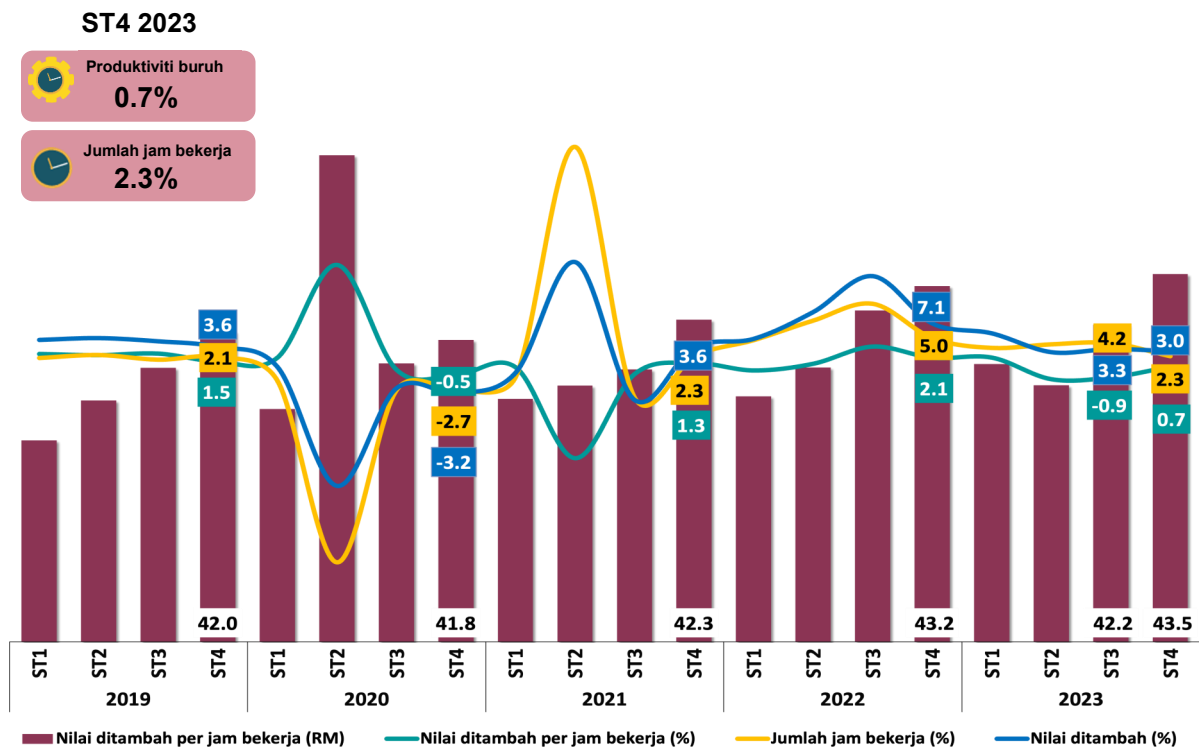
PRESTASI PRODUKTIVITI BURUH SUKU KEEMPAT 2023



PRODUKTIVITI BURUH MALAYSIA

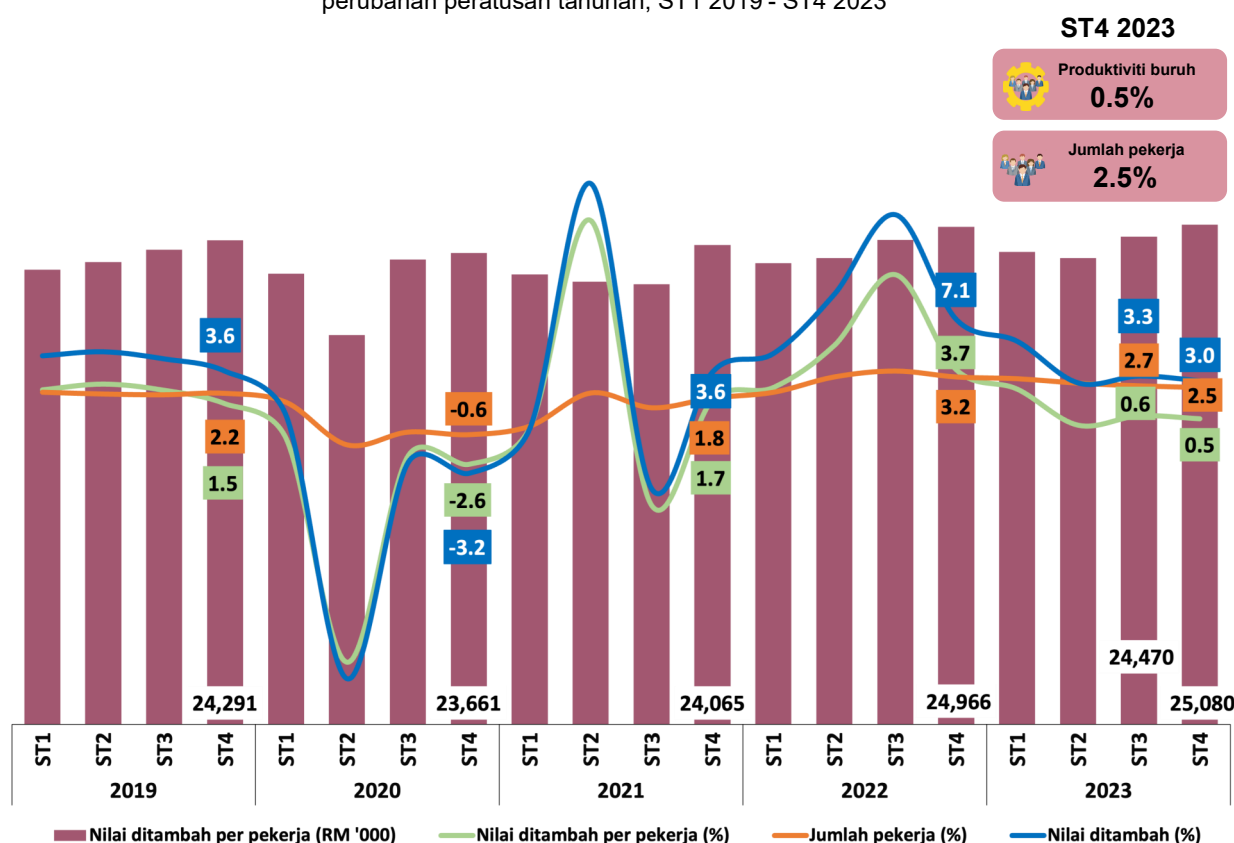
Ekonomi Malaysia berada pada 3.0 peratus pertumbuhan nilai ditambah tahun ke tahun, mencecah RM410 bilion yang meningkat secara perlahan berbanding dengan suku tahun sebelumnya, iaitu 3.3 peratus (ST3 2023: RM398 bilion). Prestasi keseluruhan bagi 2023 merekodkan 3.7 peratus daripada 8.7 peratus pada 2022. Pertumbuhan sederhana nilai ditambah ini membawa kepada 2.3 peratus pertumbuhan dalam jumlah jam bekerja, di mana lebih perlahan berbanding dengan 4.2 peratus pada suku tahun ketiga 2023. Namun, terdapat peningkatan yang ketara dalam produktiviti buruh diukur bagi nilai ditambah per jam bekerja Malaysia, dengan penambahan sebanyak 0.7 peratus kepada RM43.5 per jam bekerja (ST3 2023: -0.9%; RM42.2 per jam bekerja). [Carta 1]

Carta 1: Produktiviti buruh per jam bekerja dan jumlah jam bekerja, perubahan peratusan tahunan, ST1 2019 - ST4 2023



Sementara itu, pertumbuhan produktiviti buruh per pekerja semakin perlahan, mencatatkan 0.5 peratus kepada RM25,080 per pekerja (ST3 2023: 0.6%; RM24,470 per pekerja), berikutan dengan prestasi ekonomi yang perlahan pada suku tahun ini. Namun begitu, jumlah bilangan pekerja terus berkembang pada kadar 2.5 peratus, mencapai jumlah sebanyak 16.3 juta pekerja berbanding dengan pertumbuhan 2.7 peratus pada suku tahun ketiga 2023 (16.3 juta pekerja). [Carta 2]

Carta 2: Produktiviti buruh per pekerja dan jumlah pekerja, perubahan peratusan tahunan, ST1 2019 - ST4 2023

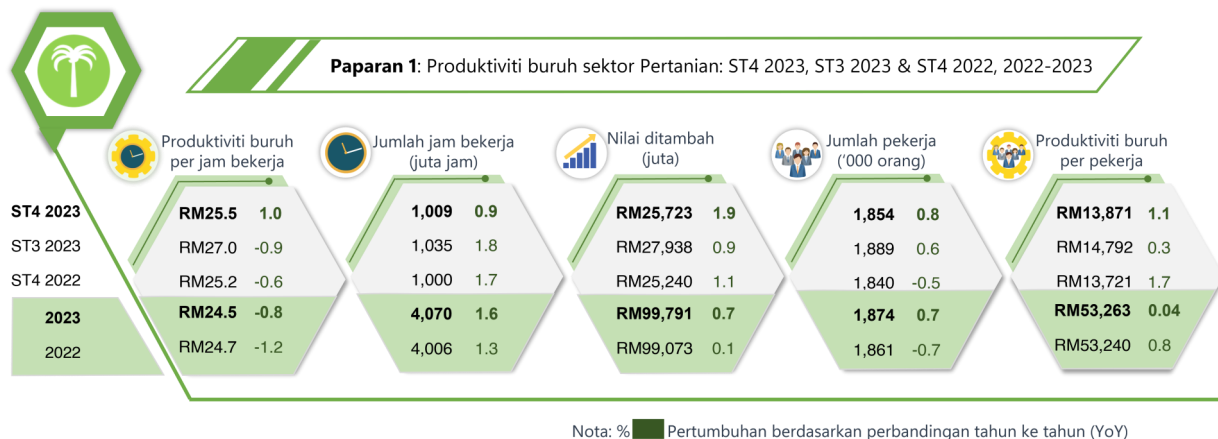


PERTANIAN

Dalam sektor Pertanian, **produktiviti buruh yang digambarkan sebagai nilai ditambah per jam bekerja naik kepada 1.0 peratus** berbanding dengan negatif 0.9 peratus pada suku tahun ketiga 2023, sementara negatif 0.8 peratus pertumbuhan direkodkan sepanjang tahun 2023 (2022: -1.2%). Peningkatan pertumbuhan produktiviti buruh per jam bekerja ini sepanjang suku tahun ini selari dengan kenaikan nilai ditambah kepada 1.9 peratus, dengan jumlah RM25.7 billion berbanding suku tahun sebelumnya (ST3 2023: 0.9%; RM27.9 billion). Walaupun begitu, jumlah jam bekerja bertumbuh pada kadar yang lebih perlahan sebanyak 0.9 peratus kepada 1,009 juta jam (ST3 2023: 1.8%; 1,035 juta jam). **[Paparan 1]**

Dalam masa yang sama, **produktiviti buruh dari segi nilai ditambah per pekerja meningkat kepada 1.1 peratus** berbanding 0.3 peratus pada suku tahun ketiga 2023, dan terdapat peningkatan kecil yang direkodkan bagi tahun 2023, iaitu 0.04 peratus (2022: 0.8%). Seajar dengan ini, jumlah pekerja juga mengalami peningkatan sebanyak 0.8 peratus dengan jumlah 1.9 juta pekerja berbanding dengan suku tahun sebelumnya (ST3 2023: 0.6%; 1.9 juta pekerja).

Nilai ditambah bagi per jam bekerja yang direkodkan adalah RM25.5 per jam (ST3 2023: RM27.0 per jam), manakala **nilai ditambah per pekerja berjumlah RM13,871 per pekerja** (ST3 2023: RM14,792 per pekerja).

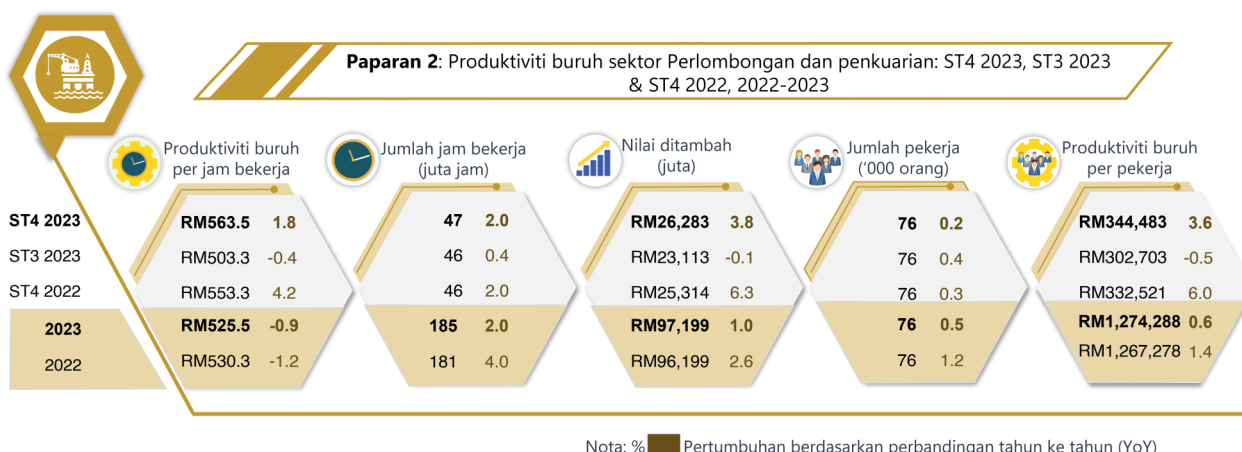


PERLOMBONGAN DAN PENGKUARIAN

Pada suku tahun terkini, sektor Perlombongan dan pengkuarian menunjukkan perubahan positif bagi **produktiviti buruh dengan kenaikan sebanyak 1.8 peratus bagi nilai ditambah per jam bekerja** berbanding dengan pertumbuhan pada suku tahun sebelum, iaitu negatif 0.4 peratus. Pada masa yang sama, pertumbuhan produktiviti buruh per jam bekerja bagi tahun ini menunjukkan kadar negatif yang mengecil pada 0.9 peratus berbanding dengan tahun sebelumnya (2022: -1.2%). Sektor ini juga merekodkan pertumbuhan 3.8 peratus bagi nilai ditambah, berjumlah RM26.3 bilion (ST3 2023: -0.1%; RM23.1 bilion). Jumlah jam bekerja meningkat sebanyak 2.0 peratus kepada 46.6 juta jam (ST3 2023: 0.4%; 45.9 juta jam), manakala kadar pertumbuhan bagi purata jam bekerja semakin perlahan kepada 0.7 peratus (47.1 jam per minggu) berbanding dengan 1.7 peratus (47.6 jam per minggu) pada ST3 2023. **[Paparan 2]**

Produktiviti buruh per pekerja berkembang sebanyak 3.6 peratus berbanding dengan 0.5 peratus pada suku tahun sebelumnya, sementara mencatat 0.6 peratus pertumbuhan pada 2023 (2022: 1.4%). Jumlah pekerja kekal dengan pertumbuhan positif 0.2 peratus, mencecah kepada 76.3 juta pekerja, menyederhana daripada 0.4 peratus pada suku tahu ketiga 2023 (76.4 juta pekerja).

Oleh itu, **nilai ditambah per jam bekerja direkodkan sebanyak RM563.5 per jam** berbanding dengan RM503.3 per jam pada suku tahun ketiga 2023 dan **nilai ditambah per pekerja juga mencatatkan RM344,483 per pekerja** (ST3 2023: RM302,703 per pekerja).





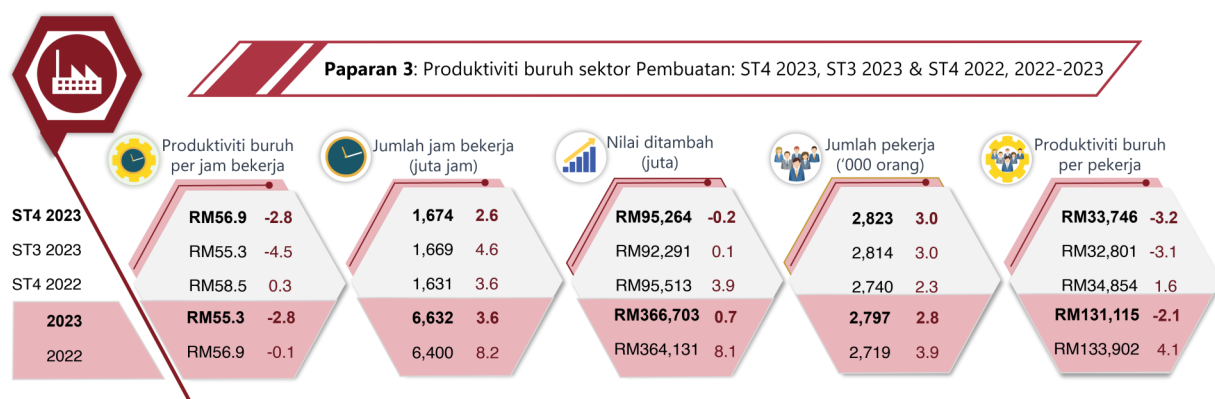
PEMBUATAN

Produktiviti buruh per jam bekerja dalam sektor Pembuatan mencatatkan pertumbuhan negatif yang mengecil sebanyak 2.8 peratus pada suku tahun keempat 2023, menunjukkan peningkatan daripada negatif 4.5 peratus pada suku tahun sebelumnya. Namun, pertumbuhan negatif sebanyak 2.8 peratus direkodkan sepanjang 2023 susulan pertumbuhan negatif 0.1 peratus pada 2022. Ini disebabkan oleh penurunan dalam pertumbuhan nilai ditambah kepada negatif 0.3 peratus daripada negatif 0.1 peratus pada suku tahun ketiga 2023. Walaupun berlakunya penurunan ini, jumlah jam bekerja terus menunjukkan pertumbuhan positif, sebanyak 2.6 peratus mencapai 1,674 juta jam (ST3 2023: 4.6%; 1,669 juta jam). **[Paparan 3]**

Berbanding dengan suku sebelumnya, terdapat lima subsektor dalam produktiviti buruh per jam bekerja yang menunjukkan peningkatan, iaitu Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan sebanyak 2.9 peratus (ST3 2023: -3.5%); Produk mineral bukan logam, logam asas dan produk logam yang direka sebanyak 2.7 peratus (ST3 2023: 2.5%); Produk tekstil, pakaian dan kulit sebanyak 1.5 peratus (ST3 2023: 2.8%); Peralatan pengangkutan, pembuatan lain dan pembaikan sebanyak 1.2 peratus (ST3 2023: -2.0%); serta Produk kayu, perabot, keluaran kertas dan percetakan sebanyak 0.1 peratus (ST3 2023: -6.4%).

Pada masa yang sama, **produktiviti buruh daripada nilai ditambah per pekerja terus menurun kepada negatif 3.2 peratus** berbanding dengan suku sebelumnya (ST3 2023: -3.1%), dengan pertumbuhan tahun 2023 turut menurun kepada negatif 2.1 peratus daripada 4.1 peratus pada tahun 2022. Namun, jumlah pekerja keseluruhan kekal pada 3.0 peratus selepas mencatatkan 2.8 juta pekerja pada suku tahun ini (ST3 2023: 3.0%; 2.8 juta pekerja), dengan empat subsektor meningkat dalam pertumbuhan produktiviti buruh per pekerja. Ini termasuk Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan (ST4 2023: 1.7%; ST3 2023: -2.5%); Peralatan pengangkutan, pembuatan lain dan pembaikan (ST4 2023: 1.9%; ST3 2023: -1.0%); Minuman dan produk tembakau (ST4 2023: 2.1%; ST3 2023: 0.4%); dan Produk mineral bukan logam, logam asas dan produk logam yang direka (ST4 2023: 2.2%; ST3 2023: 2.8%).

Nilai ditambah per jam bekerja adalah sebanyak RM56.9 per jam (ST3 2023: RM55.3 per jam), manakala **nilai ditambah per pekerja adalah sebanyak RM33,746 per pekerja** (ST3 2023: RM32,801 per pekerja).



Nota: % Pertumbuhan berdasarkan perbandingan tahun ke tahun (YoY)

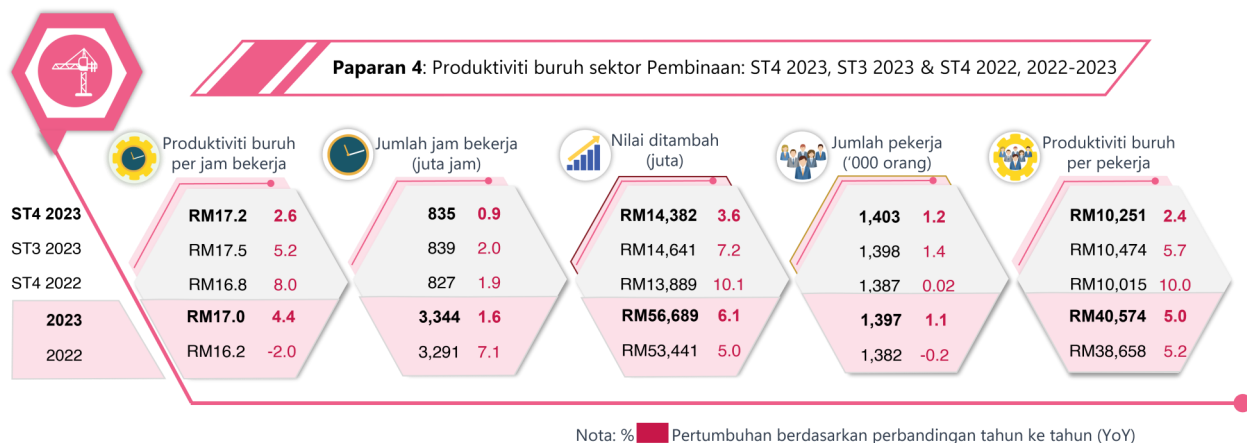


PEMBINAAN

Sepanjang suku tahun ini, sektor Pembinaan menunjukkan pertumbuhan **produktiviti buruh yang lebih perlahan dari segi nilai ditambah per jam bekerja selepas mencatatkan 2.6 peratus**, lebih rendah daripada pertumbuhan sebanyak 5.2 peratus pada suku tahun lepas. Terdapat pertumbuhan yang ketara daripada negatif 2.0 peratus yang direkodkan pada tahun 2022 kepada 4.4 peratus bagi tahun 2023. Nilai ditambah juga meningkat dengan perlahan sebanyak 3.6 peratus, berjumlah RM14.4 bilion (ST3 2023: 7.2%; RM14.6 bilion). Tambahan pula, jumlah jam bekerja mencatatkan pertumbuhan sebanyak 0.9 peratus daripada 2.0 peratus pada suku tahun ketiga 2023. [Paparan 4]

Pada masa yang sama, **produktiviti buruh per pekerja terus mengekalkan momentum positif dengan pertumbuhan sebanyak 2.4 peratus pada suku tahun keempat 2023** di mana lebih perlahan daripada pertumbuhan suku tahun sebelumnya sebanyak 5.7 peratus. Sepanjang 2023, terdapat pertumbuhan sebanyak 5.0 peratus dalam produktiviti buruh per pekerja berbanding dengan 5.2 peratus pada tahun 2022, dengan peningkatan perlahan bagi jumlah pekerja sebanyak 1.2 peratus berbanding dengan 1.4 peratus pada suku sebelumnya.

Oleh itu, **nilai ditambah per jam bekerja direkodkan pada RM17.2 per jam** (ST3 2023: RM17.5 per jam), manakala **nilai tambah per pekerja dicatatkan pada RM10,251 per pekerja** (ST3 2023: RM10,474 per pekerja).



PERKHIDMATAN

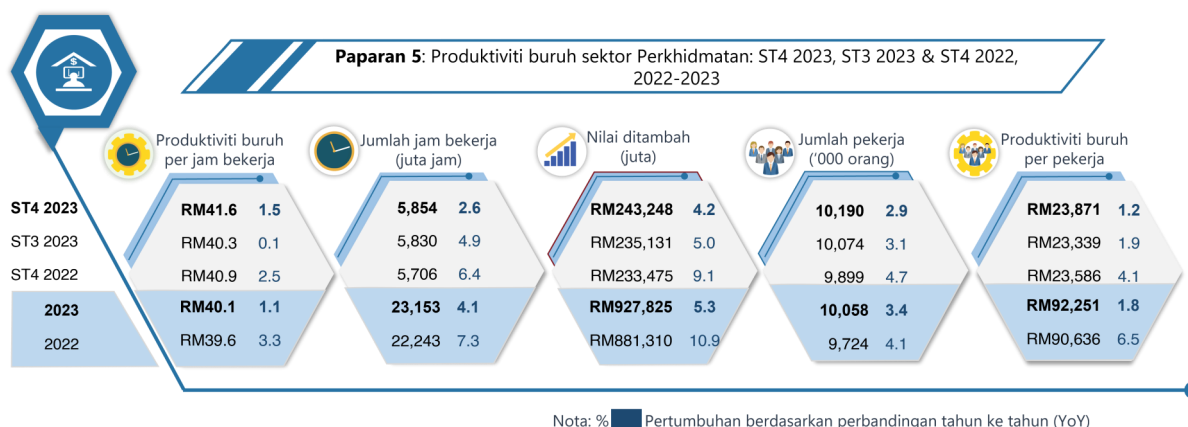
Sektor Perkhidmatan menunjukkan **peningkatan sebanyak 1.5 peratus dalam produktiviti buruh yang diukur sebagai nilai ditambah per jam bekerja** (ST3 2023: 0.1%), seiring dengan pertumbuhan positif bagi nilai ditambah sebanyak 4.2 peratus (ST3 2023: 5.0%). Walau bagaimanapun, terdapat peningkatan yang lebih perlahan dicatatkan sepanjang tahun ini selepas merekodkan peningkatan sebanyak 1.1 peratus berbanding dengan 3.3 peratus pada 2022. Sementara itu, jumlah jam bekerja mencatatkan peningkatan sederhana sebanyak 2.6 peratus kepada 5,854 juta jam (ST3 2023: 4.9%; 5,830 juta jam). [Pameran 5]

Pada suku tahun ini, terdapat perkembangan produktiviti buruh per jam bekerja dalam setiap subsektor Perkhidmatan, kecuali bagi Kewangan dan insurans yang mencatatkan pertumbuhan dua digit negatif sebanyak 13.2 peratus (ST3 2023: -4.9%) dan Makanan & minuman dan Penginapan sebanyak negatif 5.3 peratus daripada negatif 5.2 peratus pada suku tahun ketiga 2023.

Pada masa yang sama, **produktiviti buruh per pekerja bagi sektor ini menunjukkan peningkatan yang lebih perlahan sebanyak 1.2 peratus** berbanding dengan 1.9 peratus pada suku sebelumnya yang juga merekodkan 1.8 peratus bagi pertumbuhan tahunan (2022: 6.5%). Terdapat pertumbuhan sebanyak 2.9 peratus dalam jumlah pekerja, mencapai 10.2 juta pekerja (ST3 2023: 3.1%; 10.1 juta pekerja).

Majoriti subsektor Perkhidmatan menunjukkan peningkatan dalam produktiviti buruh per pekerja kecuali bagi Kewangan dan insurans (ST4 2023: -6.3%; ST3 2023: -2.2%) dan Makanan & minuman dan Penginapan (ST4 2023: -4.0%; ST3 2023: -3.2%).

Nilai ditambah per jam bekerja merekodkan RM41.6 per jam (ST3 2023: RM40.3 per jam), manakala **nilai ditambah per pekerja adalah RM23,871 per pekerja** (ST3 2023: RM23,339 per pekerja).



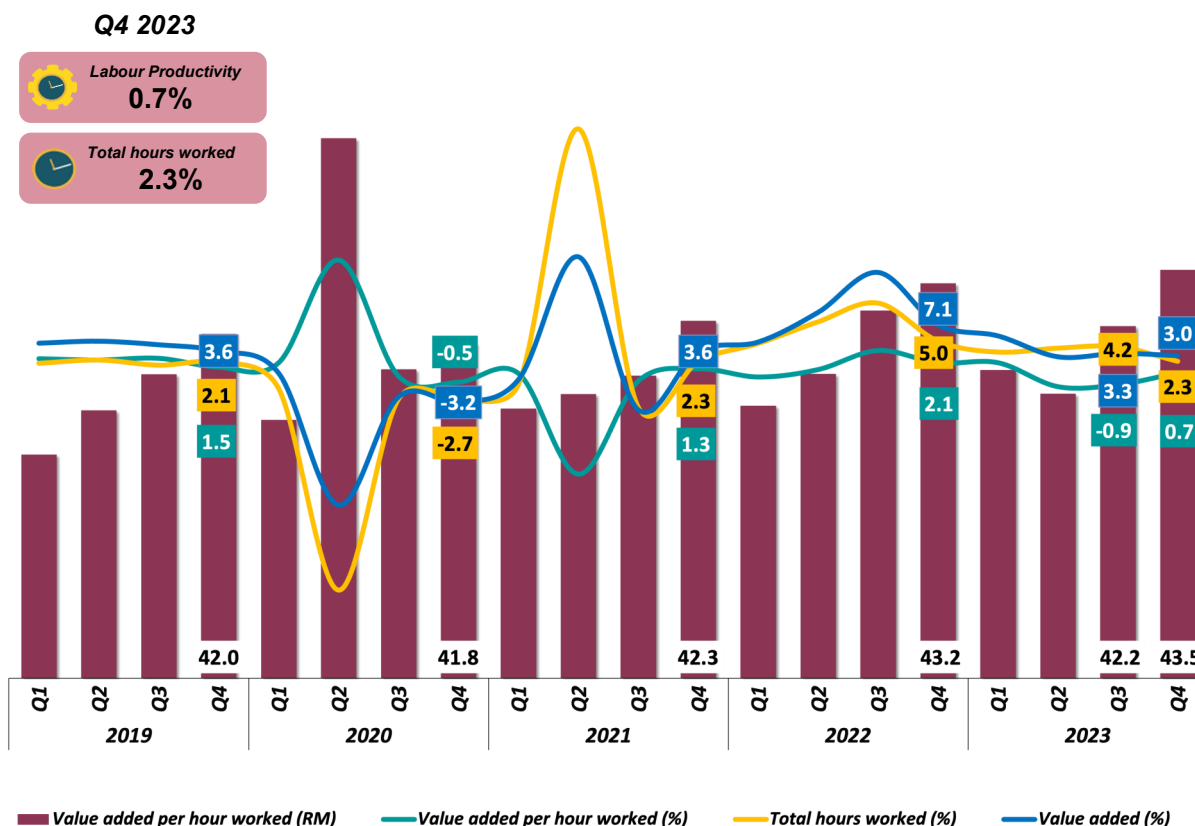
LABOUR PRODUCTIVITY PERFORMANCE OF FOURTH QUARTER 2023



MALAYSIA'S LABOUR PRODUCTIVITY

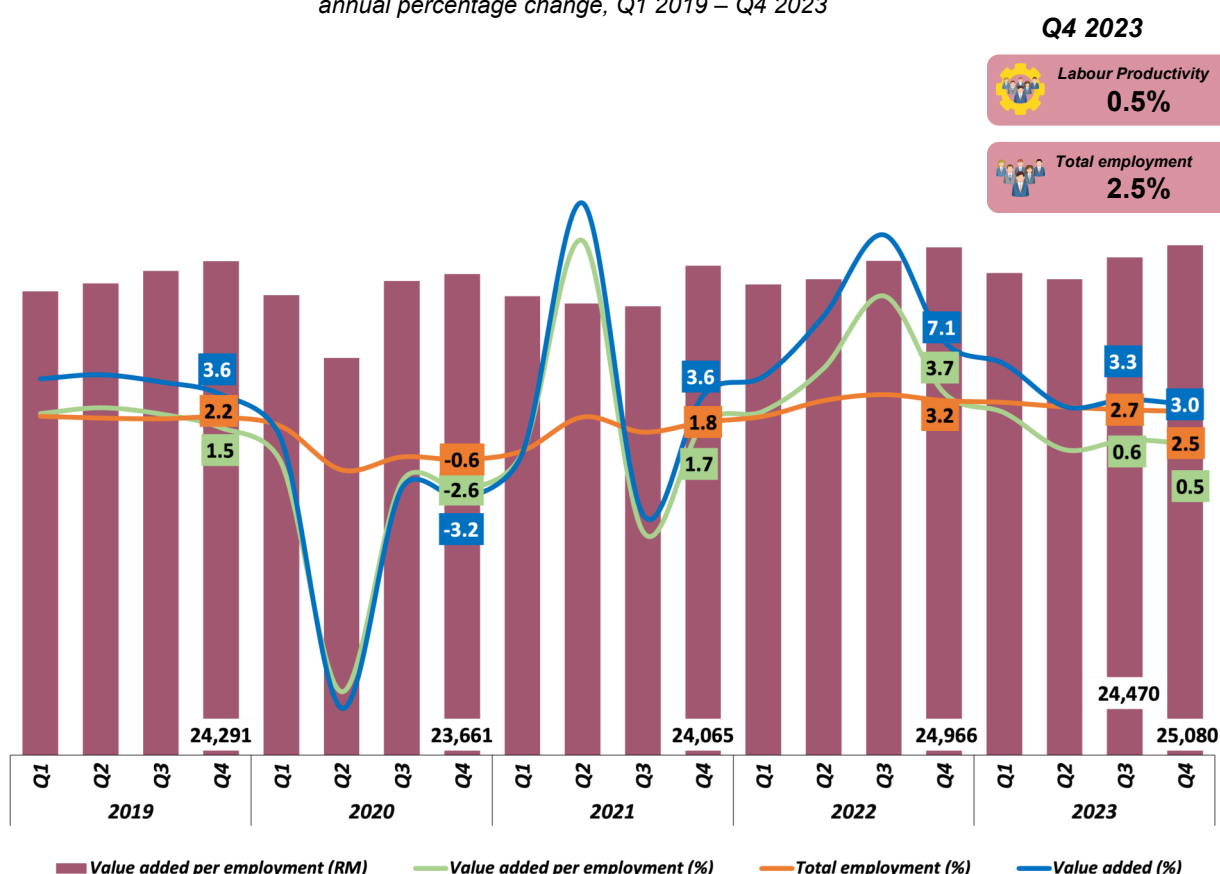
Malaysia's economy stood at 3.0 per cent in year-on-year growth rate of value added, reaching RM410 billion which improved marginally from the previous quarter's 3.3 per cent (Q3 2023: RM398 billion). The overall performance of 2023 recorded 3.7 per cent from 8.7 per cent in 2022. The marginal growth in value added resulted in a 2.3 per cent growth in total hours worked, a slower rate compared to the 4.2 per cent in the third quarter of 2023. However, there was a notable improvement in Malaysia's **labour productivity measured as value added per hour worked, with a 0.7 per cent increase to RM43.5 per hour** (Q3 2023: -0.9%; RM42.2 per hour). [Chart 1]

Chart 1: Labour productivity per hour worked and total hours worked, annual percentage change, Q1 2019 – Q4 2023



In the meantime, **labour productivity per employment growth slowed down to register 0.5 per cent to RM25,080 per person** (Q3 2023: 0.6%; RM24,470 per person), following a slower economic performance in this quarter. Regardless of this, the total number of employees continued to rise at a rate of 2.5 per cent, totaling 16.3 million persons compared to the 2.7 per cent growth in Q3 2023 (16.3 million persons). [Chart 2]

Chart 1: Labour productivity per hour worked and total hours worked, annual percentage change, Q1 2019 – Q4 2023

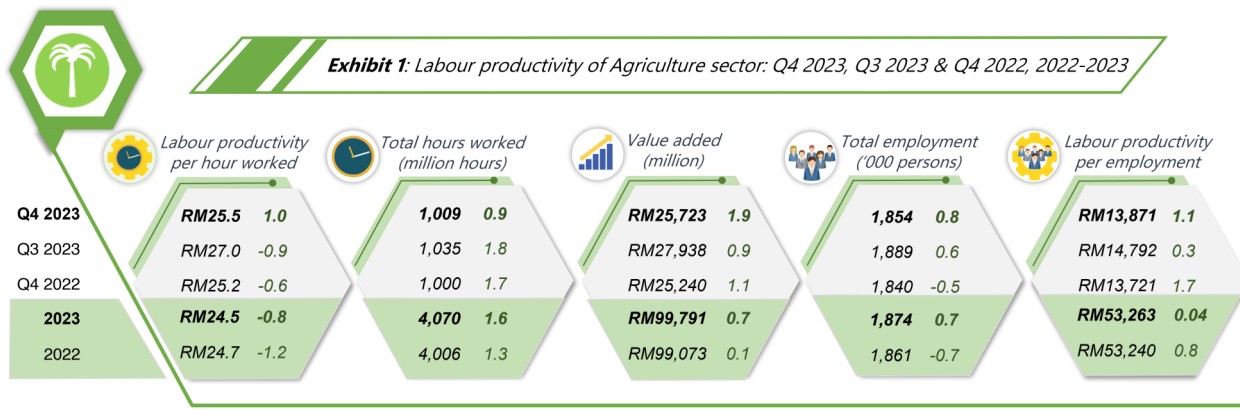


AGRICULTURE

In the Agricultural sector, **labor productivity expressed as value added per hour worked increased by 1.0 per cent** compared to the negative 0.9 per cent in the third quarter of 2023, while a negative 0.8 per cent growth recorded throughout the 2023's performance (2022: -1.2%). The increase in labour productivity per hour worked during this quarter coincided with a rise in value added to 1.9 per cent, totaling to RM25.7 billion compared to the previous quarter (Q3 2023: 0.9%; RM27.9 billion). Despite of this, the total number of hours worked grew at a slower rate of 0.9 per cent to 1,009 million hours (Q3 2023: 1.8%; 1,035 million hours). **[Exhibit 1]**

Concurrently, **labor productivity in terms of value added per employment increased by 1.1 per cent**, compared to 0.3 per cent in Q3 2023 and smaller positive growth was recorded during 2023, which was 0.04 per cent (2022: 0.8%). Simultaneously, total employment also experienced growth at 0.8 per cent, totaling to 1.9 million persons compared to the preceding quarter (Q3 2023: 0.6%; 1.9 million persons).

The recorded **value added per hour worked stood at RM25.5 per hour** (Q3 2023: RM27.0 per hour), while the **value added per employment amounted to RM13,871 per person** (Q3 2023: RM14,792 per person).



Notes: % growth based on year-on-year (YoY) comparisons

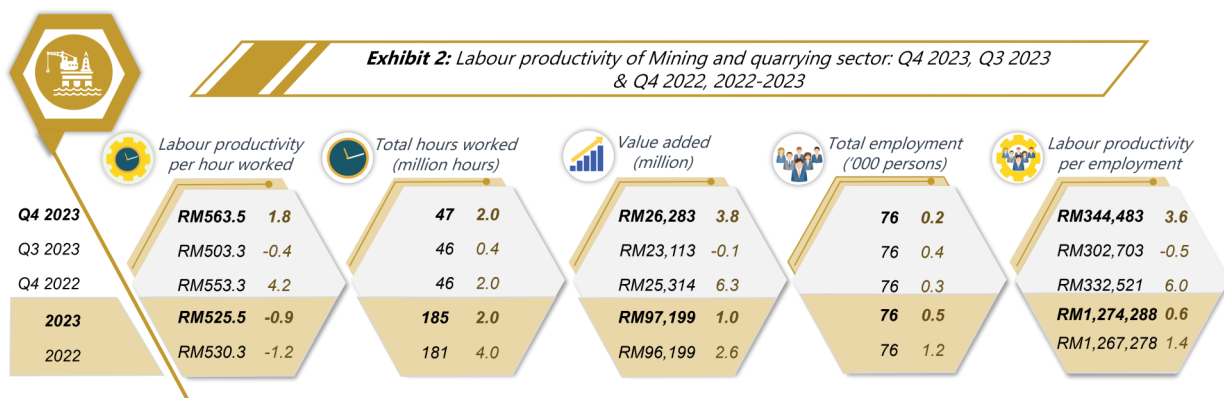


MINING & QUARRYING

In the recent quarter, the Mining and quarrying sector saw a positive shift in **labor productivity**, marked by **1.8 per cent increase in value added per hour worked**, contrasting with the previous quarter's negative 0.4 per cent. Similarly, this year's growth of labour productivity per hour worked showed a smaller negative rate at 0.9 per cent compared to the previous year (2022: -1.2%). The sector also recorded a 3.8 per cent growth in its value added, totaling RM26.3 billion (Q3 2023: -0.1%; RM23.1 billion). Total hours worked increased by 2.0 per cent to 46.6 million hours (Q3 2023: 0.4%; 45.9 million hours), while the growth rate for average hours worked slowed down to 0.7 per cent (47.1 hours per week) compared to 1.7 per cent (47.6 hours per week) in Q3 2023. **[Exhibit 2]**

Labor productivity per employment expanded by 3.6 per cent compared to the preceding quarter's negative 0.5 per cent, while posted 0.6 per cent growth during 2023 (2022: 1.4 %). The total employment maintained a positive growth of 0.2 per cent, reaching 76.3 million persons, slightly less than the 0.4 per cent growth in Q3 2023 (76.4 million persons).

Hence, the **value added per hour worked amounted to RM563.5 per hour** compared to RM503.3 per hour in Q3 2023 and the **value added per employment posted at RM344,483 per person** (Q3 2023: RM302,703 per person).



Notes: % growth based on year-on-year (YoY) comparisons



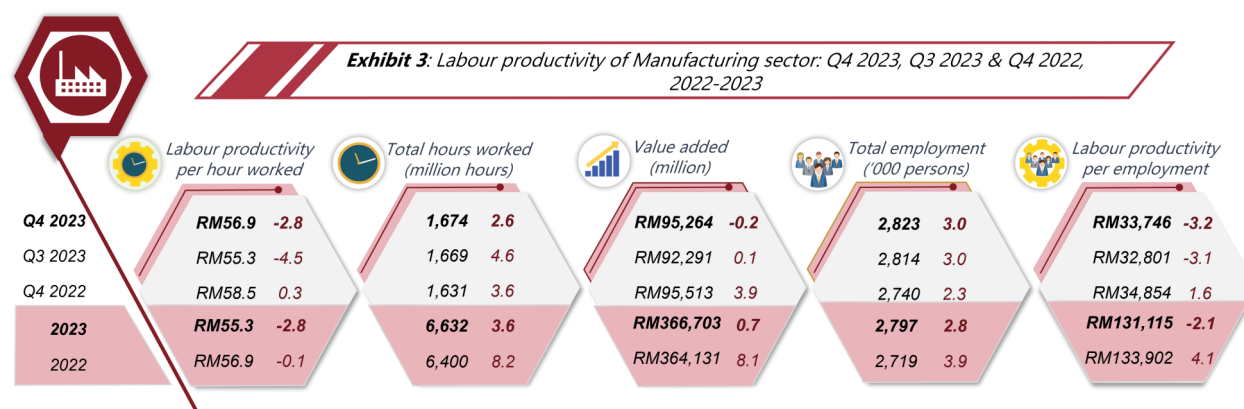
MANUFACTURING

Labour productivity per hour worked in the Manufacturing sector posted a smaller negative growth of 2.8 per cent in Q4 2023, showing an improvement from negative 4.5 per cent in the previous quarter. On the other hand, a negative growth of 2.8 per cent was recorded during 2023 following negative 0.1 per cent growth in 2022. This was due to the further dropped in value added growth to negative 0.3 per cent from negative 0.1 per cent in Q3 2023. Despite this decline, the total hours worked continued to show positive growth of 2.6 per cent to reach 1,674 million hours (Q3 2023: 4.6%; 1,669 million hours). **[Exhibit 3]**

Compared to the previous quarter, there were five sub sectors in labour productivity per hour worked which showed an increment, namely Vegetable and animal oils & fats and food processing at 2.9 per cent (Q3 2023: -3.5%); Non-metallic mineral products, basic metal and fabricated metal products at 2.7 per cent (Q3 2023: 2.5%); Textiles, wearing apparel and leather products at 1.5 per cent (Q3 2023: 2.8%); Transport equipment, other manufacturing and repair at 1.2 per cent (Q3 2023: -2.0%); and lastly Wood products, furniture, paper products and printing at 0.1 per cent (Q3 2023: -6.4%).

Simultaneously, **labour productivity by value added per employment further dropped to negative 3.2 per cent** compared to the preceding quarter (Q3 2023: -3.1%), with 2023's growth also dropped to negative 2.1 per cent from 4.1 in 2022. However, the total employment sustained at 3.0 per cent after registering 2.8 million persons during this quarter (Q3 2023: 3.0%; 2.8 million persons), with four sub sectors increased in growth of labour productivity per employment. These include Vegetable and animal oils & fats and food processing (Q4 2023: 1.7%; Q3 2023: -2.5%); Transport equipment, other manufacturing and repair (Q4 2023: 1.9%; Q3 2023: -1.0%); Beverages and tobacco products (Q4 2023: 2.1%; Q3 2023: 0.4%); and Non-metallic mineral products, basic metal and fabricated metal products (Q4 2023: 2.2%; Q3 2023: 2.8%).

The value added per hour worked was RM56.9 per hour (Q3 2023: RM55.3 per hour), meanwhile **the value added per employment was RM33,746 per person** (Q3 2023: RM32,801 per person).



Notes: % growth based on year-on-year (YoY) comparisons

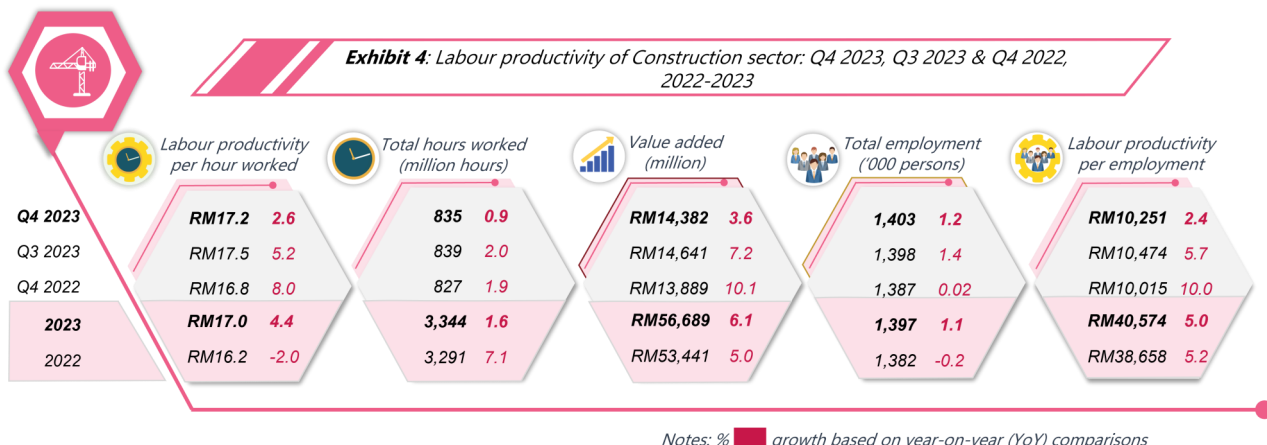


CONSTRUCTION

During this quarter, the Construction sector demonstrated a slower growth in **labour productivity per hour worked after posting 2.6 per cent**, lower than the previous quarter's 5.2 per cent. There was a significant growth from negative 2.0 per cent recorded in 2022 to 4.4 per cent in 2023. The value added also increased marginal at 3.6 per cent, amounted to RM14.4 billion (Q3 2023: 7.2%; RM14.6 billion). Additionally, the total hours worked recorded a growth of 0.9 per cent from 2.0 per cent in Q3 2023. **[Exhibit 4]**

Meanwhile, the **labour productivity per employment continued its positive momentum with 2.4 per cent growth during Q4 2023** as it was slower than the previous quarter's 5.7 per cent growth. Throughout 2023, there was a 5.0 per cent growth in labour productivity per employment compared to 5.2 per cent in 2022, with marginal increase in total employment at 1.2 per cent compared to the previous quarter's 1.4 per cent.

Hence, **value added per hour worked was recorded at RM17.2 per hour** (Q3 2023: RM17.5 per hour), while **value added per employment was posted at RM10,251 per person** (Q3 2023: RM10,474 per person).



SERVICES

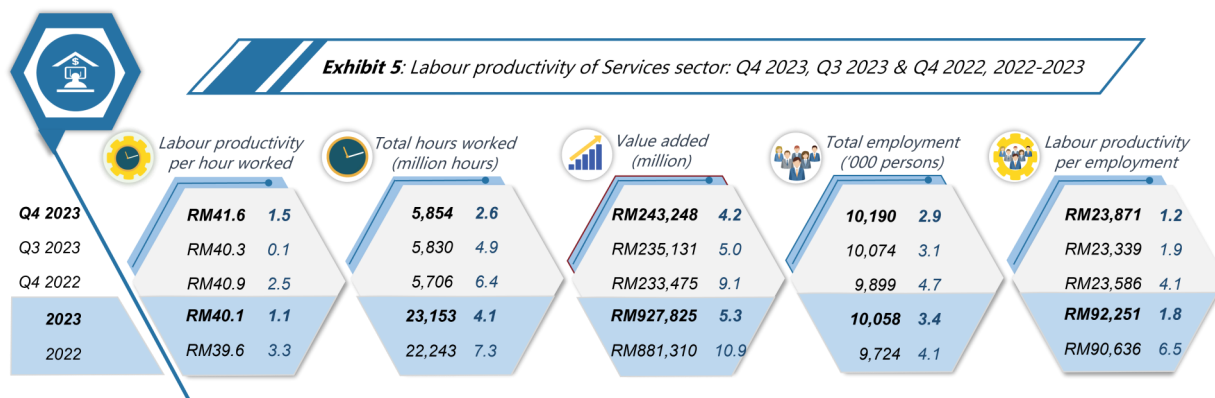
The Services sector displayed **an increase of 1.5 per cent in labour productivity measured as value added per hour worked** (Q3 2023: 0.1%) which aligned with the positive growth of its value added at 4.2 per cent (Q3 2023: 5.0%). However, there was a slower growth recorded during this year after registering 1.1 per cent growth compared to 3.3 per cent in 2022. In the meantime, the total hours worked posted a marginal increase at 2.6 per cent to 5,854 million hours (Q3 2023: 4.9%; 5,830 million hours). **[Exhibit 5]**

In this quarter, there was an expansion in every Services sub sector, except for Finance and insurance which posted a double-digit negative growth at 13.2 per cent (Q3 2023: -4.9%) and Food & beverages and Accommodation at negative 5.3 per cent from negative 5.2 per cent in Q3 2023.

At the same time, the **labour productivity per employment for this sector displayed a slower growth of 1.2 per cent compared to 1.9 per cent in the preceding quarter**, which also recorded 1.8 per cent in its annual growth (2022: 6.5%). There was 2.9 per cent growth in total of employment, reaching to 10.2 million persons (Q3 2023: 3.1%; 10.1 million persons).

Majority of Services sub sectors showed an increase in labour productivity per employment except for Finance and insurance (Q4 2023: -6.3%; Q3 2023: -2.2%) and Food & beverages and Accommodation (Q4 2023: -4.0%; Q3 2023: -3.2%).

The value added per hour worked was posted at **RM41.6 per hour** (Q3 2023: RM40.3 per hour) while value added per employment was **RM23,871 per person** (Q3 2023: RM23,339 per person).



Notes: % growth based on year-on-year (YoY) comparisons

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JADUAL
Tables

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 Economic activity		2019	2020	2021	2022	2023
1.	Pertanian Agriculture	25.8	26.2	25.0	24.7	24.5
2.	Perlombongan dan pengkuarian Mining and quarrying	556.3	554.4	536.6	530.3	525.5
3.	Pembuatan Manufacturing	51.7	55.2	56.9	56.9	55.3
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan Vegetable and animal oils & fats and food processing	30.4	32.5	31.0	29.5	29.3
3.2	Minuman dan produk tembakau Beverages and tobacco products	187.4	184.7	191.3	214.3	216.9
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	12.1	10.8	11.2	10.9	11.3
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	28.3	30.8	32.1	30.8	29.3
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	90.7	95.4	100.4	97.2	94.0
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	41.7	40.3	40.0	40.4	41.5
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	63.6	72.4	76.4	80.4	75.5
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	64.7	73.1	68.4	70.8	69.7
4.	Pembinaan Construction	19.0	18.0	16.6	16.2	17.0
5.	Perkhidmatan Services	38.5	39.9	38.3	39.6	40.1
5.1	Utiliti Utilities	157.0	168.4	165.4	157.9	157.5
5.2	Perdagangan borong dan runcit Wholesale and retail trade	39.8	41.0	39.6	41.0	42.4
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	13.1	10.8	9.0	11.1	11.0
5.4	Pengangkutan dan penyimpanan Transportation and storage	40.6	36.3	34.2	40.2	43.4
5.5	Maklumat dan komunikasi Information and communication	151.5	170.0	163.5	160.9	161.6
5.6	Kewangan dan insurans Finance and insurance	108.1	119.8	125.5	126.7	120.3
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	25.5	23.8	20.8	23.9	24.9
5.8	Perkhidmatan lain Other services	33.2	35.1	33.8	34.0	35.1
Produktiviti buruh Labour productivity		40.7	42.1	41.1	41.8	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:

		(%)				
Aktiviti ekonomi <i>Economic activity</i>		2019	2020	2021	2022	2023
1.	Pertanian <i>Agriculture</i>	0.2	1.7	-4.5	-1.2	-0.8
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-0.4	-0.3	-3.2	-1.2	-0.9
3.	Pembuatan <i>Manufacturing</i>	2.5	6.9	3.1	-0.1	-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	-4.0	-4.9
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	3.8	5.2	5.2	-3.2	-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	-0.7	0.8	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	-6.5	3.6	-1.6
4.	Pembinaan <i>Construction</i>	3.8	-5.0	-8.2	-2.0	4.4
5.	Perkhidmatan <i>Services</i>	2.7	3.5	-3.9	3.3	1.1
5.1	Utiliti <i>Utilities</i>	3.4	7.3	-1.8	-4.6	-0.2
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	4.1	3.0	-3.6	3.7	3.4
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	1.3	-17.1	-17.1	24.0	-1.5
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	4.3	-10.6	-5.7	17.5	7.9
5.5	Maklumat dan komunikasi <i>Information and communication</i>	2.0	12.2	-3.8	-1.6	0.5
5.6	Kewangan dan insurans <i>Finance and insurance</i>	2.7	10.8	4.8	1.0	-5.1
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	5.1	-6.7	-12.7	15.1	3.9
5.8	Perkhidmatan lain <i>Other services</i>	2.4	5.7	-3.9	0.5	3.3
Produktiviti buruh <i>Labour productivity</i>		2.3	3.6	-2.4	1.8	0.2

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	2023
1.	Pertanian <i>Agriculture</i>	54,225	53,116	52,840	53,240	53,263
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	1,363,562	1,259,637	1,249,966	1,267,278	1,274,288
3.	Pembuatan <i>Manufacturing</i>	123,881	120,550	128,662	133,902	131,115
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	74,608	71,503
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	226,277	219,726	239,754	235,983	231,343
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	93,040	97,367	100,144
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	157,641	170,414	168,424
4.	Pembinaan <i>Construction</i>	45,421	38,322	36,732	38,658	40,574
5.	Perkhidmatan <i>Services</i>	89,568	84,480	85,089	90,636	92,251
5.1	Utiliti <i>Utilities</i>	370,687	364,038	370,334	370,551	377,881
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	95,968	89,378	89,172	96,119	99,637
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	30,516	22,471	19,941	25,189	24,978
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	99,432	78,090	79,729	97,195	105,092
5.5	Maklumat dan komunikasi <i>Information and communication</i>	356,995	366,574	379,257	383,872	379,613
5.6	Kewangan dan insurans <i>Finance and insurance</i>	249,085	255,361	282,674	284,409	237,426
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	61,056	51,695	47,254	56,269	59,594
5.8	Perkhidmatan lain <i>Other services</i>	72,420	71,869	71,797	74,329	77,265
Produktiviti buruh <i>Labour productivity</i>		94,138	89,179	90,952	95,858	96,692

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	2023
1.	Pertanian <i>Agriculture</i>	0.3	-2.0	-0.5	0.8	0.04
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-0.3	-7.6	-0.8	1.4	0.6
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
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	4.7	-4.2
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	1.1	-2.9	9.1	-1.6	-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	3.0	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	8.1	-1.2
4.	Pembinaan <i>Construction</i>	3.6	-15.6	-4.1	5.2	5.0
5.	Perkhidmatan <i>Services</i>	2.9	-5.7	0.7	6.5	1.8
5.1	Utiliti <i>Utilities</i>	3.8	-1.8	1.7	0.1	2.0
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	3.5	-6.9	-0.2	7.8	3.7
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	1.7	-26.4	-11.3	26.3	-0.8
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	4.2	-21.5	2.1	21.9	8.1
5.5	Maklumat dan komunikasi <i>Information and communication</i>	0.8	2.7	3.5	1.2	-1.1
5.6	Kewangan dan insurans <i>Finance and insurance</i>	3.0	2.5	10.7	0.6	-3.9
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	4.6	-15.3	-8.6	19.1	5.9
5.8	Perkhidmatan lain <i>Other services</i>	3.6	-0.8	-0.1	3.5	3.9
Produktiviti buruh <i>Labour productivity</i>		2.2	-5.3	2.0	5.4	0.9

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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	2023
1.	Agromakanan <i>Agro-food</i>	45.9	48.2	47.7	45.3	45.8
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	119.3	121.9	133.2	128.9	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 and Built Environment</i>	19.0	18.0	16.6	16.2	17.0
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	20.3	20.0	18.8	20.7	20.6
7.	Logistik <i>Logistics</i>	40.4	36.6	34.5	38.3	41.1
8.	Pelancongan <i>Tourism</i>	30.5	19.0	13.9	29.0	34.8
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	151.5	170.0	163.5	160.9	161.6
10.	Perkhidmatan professional <i>Professional services</i>	37.5	38.0	33.3	36.7	38.1
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	27.1	26.7	28.5	29.1	30.3
Produktiviti buruh <i>Labour productivity</i>		33.6	34.7	34.0	35.5	35.6

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	2023
1.	Agromakanan <i>Agro-food</i>	1.3	5.1	-1.1	-5.0	1.0
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	0.3	2.2	9.2	-3.2	-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 and Built Environment</i>	3.8	-5.0	-8.2	-2.0	4.4
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	3.6	-1.4	-5.9	9.9	-0.3
7.	Logistik <i>Logistics</i>	7.1	-9.4	-5.8	10.9	7.5
8.	Pelancongan <i>Tourism</i>	4.9	-37.6	-27.1	109.1	19.9
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	2.0	12.2	-3.8	-1.6	0.5
10.	Perkhidmatan professional <i>Professional services</i>	5.8	1.1	-12.2	10.2	3.8
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	2.0	-1.4	6.8	1.9	4.3
Produktiviti buruh <i>Labour productivity</i>		3.3	3.4	-2.1	4.4	0.3

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	2023
1.	Agromakanan <i>Agro-food</i>	91,306	91,154	94,074	92,765	94,560
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	288,306	276,827	305,206	311,496	313,438
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 and Built Environment</i>	45,421	38,322	36,732	38,658	40,574
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	47,806	42,740	42,022	47,419	47,521
7.	Logistik <i>Logistics</i>	99,147	80,437	81,175	93,577	100,131
8.	Pelancongan <i>Tourism</i>	74,092	38,124	29,039	67,832	82,321
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	356,995	366,574	379,257	383,872	379,613
10.	Perkhidmatan profesional <i>Professional services</i>	86,671	78,014	74,421	82,869	88,490
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	62,906	57,991	63,263	66,924	70,711
Produktiviti buruh <i>Labour productivity</i>		78,792	73,537	75,552	82,066	82,805

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	2023
1.	Agromakanan <i>Agro-food</i>	2.4	-0.2	3.2	-1.4	1.9
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	-2.1	-4.0	10.3	2.1	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 and Built Environment</i>	3.6	-15.6	-4.1	5.2	5.0
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	3.2	-10.6	-1.7	12.8	0.2
7.	Logistik <i>Logistics</i>	6.7	-18.9	0.9	15.3	7.0
8.	Pelancongan <i>Tourism</i>	5.3	-48.5	-23.8	133.6	21.4
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	0.8	2.7	3.5	1.2	-1.1
10.	Perkhidmatan profesional <i>Professional services</i>	5.9	-10.0	-4.6	11.4	6.8
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	1.8	-7.8	9.1	5.8	5.7
Produktiviti buruh <i>Labour productivity</i>		2.9	-6.7	2.7	8.6	0.9

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5a Produktiviti buruh suku tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi, ST1 2019 - ST4 2023

(RM)

Aktiviti ekonomi <i>Economic activity</i>		2019				2020			
		I	II	III	IV	I	II	III	IV
1.	Pertanian <i>Agriculture</i>	24.9	24.8	28.3	25.2	23.1	28.8	28.5	24.9
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	553.1	571.6	488.1	619.9	569.2	616.5	467.3	585.7
3.	Pembuatan <i>Manufacturing</i>	49.8	52.0	52.4	52.6	50.8	59.8	56.0	55.8
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan	28.3	30.6	30.9	31.8	27.0	41.3	34.1	29.4
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	156.9	213.0	198.3	181.5	158.3	150.7	220.7	206.6
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	11.2	13.5	12.5	11.5	11.1	9.0	11.4	11.4
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	29.3	28.2	28.1	27.8	30.1	32.9	30.2	30.7
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	86.6	88.1	94.4	93.4	90.3	95.4	97.3	98.3
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka	37.8	46.0	43.5	39.7	38.7	40.2	42.6	39.9
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	66.5	62.4	61.2	64.2	69.5	84.6	68.7	70.5
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	55.5	66.0	66.7	70.2	55.2	86.4	74.0	83.4
4.	Pembinaan <i>Construction</i>	19.0	18.7	19.7	18.6	18.7	18.2	17.9	17.4
5.	Perkhidmatan <i>Services</i>	36.9	37.8	38.9	40.6	38.3	44.5	38.6	39.6
5.1	Utiliti <i>Utilities</i>	153.9	159.7	159.0	155.3	155.8	201.6	161.8	162.9
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	37.5	37.8	41.0	43.1	38.3	41.3	41.3	43.3
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	12.6	13.0	13.1	13.6	12.7	11.1	10.0	9.5
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	38.3	41.3	41.7	41.3	38.4	36.4	36.2	34.1
5.5	Maklumat dan komunikasi <i>Information and communication</i>	155.0	156.1	153.2	142.5	159.9	235.8	155.8	151.5
5.6	Kewangan dan insurans <i>Finance and insurance</i>	107.7	105.0	107.7	112.1	115.4	127.3	116.3	121.7
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	24.5	26.0	25.2	26.3	25.2	27.9	22.0	21.3
5.8	Perkhidmatan lain <i>Other services</i>	31.4	32.0	33.0	36.7	33.5	40.0	32.7	35.6
Produktiviti buruh <i>Labour productivity</i>		39.2	40.2	41.1	42.0	40.0	46.6	41.2	41.8

5a Quarterly labour productivity, value added per hour worked by economic activity, Q1 2019 - Q4 2023

(RM)

2021				2022				2023			
I	II	III	IV	I	II	III	IV	I	II	III ^r	IV
23.0	24.3	27.5	25.4	22.9	23.5	27.2	25.2	22.7	22.8	27.0	25.5
564.4	566.0	485.9	531.0	531.3	530.9	505.6	553.3	539.5	495.4	503.3	563.5
54.9	57.3	57.2	58.3	54.9	56.2	57.9	58.5	55.0	54.0	55.3	56.9
27.3	32.7	33.6	30.3	25.5	30.3	31.9	30.2	26.1	29.4	30.7	31.1
193.6	209.4	137.7	224.7	193.1	253.1	200.2	212.7	203.9	246.0	211.4	205.4
11.5	11.1	10.7	11.5	11.0	10.3	10.9	11.6	11.5	10.7	11.2	11.8
33.7	33.2	30.2	31.3	34.0	31.2	29.2	29.0	31.8	29.3	27.4	29.0
94.3	97.7	108.3	101.2	89.9	92.3	106.7	99.7	89.7	88.1	101.6	96.7
39.1	40.5	39.3	41.2	40.4	40.1	39.3	41.8	41.2	41.6	40.2	42.9
77.4	75.4	75.3	77.4	83.6	78.2	79.6	80.2	82.8	72.4	73.5	73.6
61.9	70.5	55.2	84.2	59.0	75.7	65.7	82.4	59.0	72.3	64.4	83.4
17.1	16.8	16.9	15.6	15.7	15.9	16.6	16.8	16.7	16.5	17.5	17.2
37.8	37.5	38.0	39.9	38.3	39.0	40.3	40.9	39.4	39.0	40.3	41.6
157.9	165.7	172.9	165.7	154.3	163.5	163.0	151.4	151.1	161.2	158.8	159.1
39.2	37.7	38.2	42.8	38.2	39.8	42.3	43.5	40.1	40.2	43.6	45.7
9.3	8.8	8.0	9.8	10.7	11.0	11.2	11.6	11.2	11.0	10.6	11.0
32.4	33.2	33.7	37.4	39.3	40.1	40.5	40.9	42.8	42.3	43.3	45.2
165.6	163.9	166.6	158.5	165.3	166.3	159.6	153.1	164.5	162.3	161.9	157.9
126.5	125.0	124.5	125.9	124.2	120.8	128.4	133.8	132.4	111.5	122.1	116.1
21.7	20.9	20.0	20.6	23.0	24.0	24.7	24.0	24.1	24.7	24.9	25.7
32.3	32.7	34.7	35.4	33.2	32.8	34.1	35.7	34.1	34.3	34.9	37.0
40.3	40.6	41.1	42.3	40.4	41.1	42.6	43.2	41.2	40.6	42.2	43.5

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5b Produktiviti buruh suku tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi, ST1 2019 - ST4 2023:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

		(%)							
		2019				2020			
Aktiviti ekonomi Economic activity		I	II	III	IV	I	II	III	IV
1.	Pertanian Agriculture	3.3	2.1	1.6	-5.8	-7.2	15.8	0.6	-1.0
2.	Perlombongan dan pengkuarian Mining and quarrying	1.5	-1.1	-1.8	-0.2	2.9	7.8	-4.3	-5.5
3.	Pembuatan Manufacturing	3.4	2.5	2.9	1.2	2.0	14.9	6.8	6.0
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan	-1.3	-1.6	0.03	-2.8	-4.5	35.3	10.4	-7.8
3.2	Minuman dan produk tembakau Beverages and tobacco products	-2.1	0.4	4.1	1.7	0.9	-29.3	11.3	13.9
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	4.9	5.7	-1.7	-4.2	-0.9	-33.0	-8.5	-0.1
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	9.8	6.9	5.1	3.8	2.7	16.7	7.5	10.3
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	5.6	1.9	4.0	3.9	4.2	8.3	3.1	5.4
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka	1.4	4.2	3.8	1.8	2.4	-12.6	-2.0	0.4
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	2.8	1.4	3.8	2.1	4.5	35.7	12.3	9.8
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	7.1	4.9	6.2	4.5	-0.5	31.0	10.9	18.8
4.	Pembinaan Construction	4.9	3.9	1.7	4.6	-1.7	-2.8	-8.8	-6.5
5.	Perkhidmatan Services	2.9	2.5	2.9	2.6	3.8	17.6	-0.9	-2.4
5.1	Utiliti Utilities	3.4	3.7	3.6	3.1	1.3	26.2	1.8	4.9
5.2	Perdagangan borong dan runcit Wholesale and retail trade	5.9	3.6	3.4	3.4	2.3	9.3	0.7	0.4
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	-0.1	0.1	2.5	2.8	0.7	-14.6	-23.2	-30.1
5.4	Pengangkutan dan penyimpanan Transportation and storage	4.7	3.7	3.8	4.7	0.4	-11.9	-13.1	-17.4
5.5	Maklumat dan komunikasi Information and communication	3.5	2.3	1.2	1.2	3.2	51.1	1.7	6.3
5.6	Kewangan dan insurans Finance and insurance	-0.1	4.7	3.0	3.2	7.1	21.2	7.9	8.6
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	5.3	4.8	5.9	4.4	3.2	7.1	-12.9	-19.2
5.8	Perkhidmatan lain Other services	2.1	2.5	3.0	2.2	6.7	24.8	-0.9	-2.9
Produktiviti buruh Labour productivity		2.6	2.4	2.7	1.5	2.1	15.8	0.3	-0.5

5b Quarterly labour productivity, value added per hour worked by economic activity, Q1 2019 - Q4 2023:
Percentage change from corresponding quarter of preceding year

												(%)
2021				2022				2023				
I	II	III	IV	I	II	III	IV	I	II	III ^r	IV	
-0.5	-15.5	-3.5	1.9	-0.3	-3.4	-0.8	-0.6	-0.8	-2.8	-0.9	1.0	
-0.8	-8.2	4.0	-9.3	-5.9	-6.2	4.1	4.2	1.6	-6.7	-0.4	1.8	
8.1	-4.2	2.1	4.6	-0.1	-1.9	1.4	0.3	0.2	-3.9	-4.5	-2.8	
1.1	-20.9	-1.6	3.3	-6.6	-7.4	-5.0	-0.4	2.2	-3.0	-3.5	2.9	
22.3	39.0	-37.6	8.8	-0.3	20.9	45.4	-5.4	5.6	-2.8	5.6	-3.4	
3.8	22.5	-6.4	0.2	-3.7	-7.0	1.5	1.2	4.4	3.8	2.8	1.5	
12.1	1.1	-0.1	1.8	0.7	-6.1	-3.1	-7.3	-6.4	-6.2	-6.4	0.1	
4.4	2.4	11.2	2.9	-4.6	-5.5	-1.5	-1.5	-0.3	-4.6	-4.8	-3.0	
1.1	0.6	-7.7	3.4	3.4	-1.0	-0.2	1.3	1.9	3.9	2.5	2.7	
11.4	-10.9	9.5	9.8	8.0	3.7	5.8	3.6	-0.9	-7.5	-7.7	-8.2	
12.1	-18.5	-25.4	1.0	-4.6	7.4	18.9	-2.2	0.002	-4.5	-2.0	1.2	
-8.6	-7.7	-5.6	-10.8	-8.2	-5.1	-2.0	8.0	6.5	3.5	5.2	2.6	
-1.2	-15.6	-1.4	0.8	1.1	3.9	5.9	2.5	2.8	0.1	0.1	1.5	
1.4	-17.8	6.9	1.8	-2.3	-1.3	-5.8	-8.7	-2.1	-1.4	-2.6	5.1	
2.2	-8.7	-7.3	-1.0	-2.6	5.7	10.6	1.6	4.9	0.8	3.2	5.1	
-26.5	-20.9	-20.1	2.8	14.5	25.3	40.1	18.9	5.2	-0.1	-5.2	-5.3	
-15.6	-8.6	-6.9	9.6	21.4	20.5	20.0	9.5	8.8	5.6	6.9	10.5	
3.5	-30.5	6.9	4.7	-0.1	1.5	-4.2	-3.4	-0.5	-2.4	1.4	3.1	
9.6	-1.8	7.1	3.4	-1.8	-3.3	3.1	6.3	6.7	-7.8	-4.9	-13.2	
-14.1	-25.1	-9.1	-3.5	6.0	15.2	23.7	16.7	4.9	2.8	0.9	7.3	
-3.4	-18.3	6.1	-0.5	2.5	0.4	-1.8	0.9	3.0	4.5	2.5	3.4	
0.6	-12.8	-0.4	1.3	0.2	1.2	3.7	2.1	2.1	-1.1	-0.9	0.7	

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6a Produktiviti buruh suku tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, ST1 2019 - ST4 2023

		(RM)					
Aktiviti ekonomi <i>Economic activity</i>		2019				2020	
		I	II	III	IV	I	II
1.	Pertanian <i>Agriculture</i>	13,138	13,030	14,839	13,201	11,964	13,186
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	346,101	342,989	296,963	383,037	341,791	286,955
3.	Pembuatan <i>Manufacturing</i>	29,834	31,113	31,343	31,576	29,745	25,672
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan	16,063	17,490	17,753	17,991	15,238	18,699
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	98,771	135,055	124,166	111,647	95,969	75,028
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	5,659	6,795	6,302	6,020	5,617	4,082
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	18,142	17,903	17,479	17,148	18,230	12,710
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	53,713	54,795	58,620	59,091	54,624	47,228
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka	23,832	28,328	26,964	24,930	23,718	17,039
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	40,948	37,836	37,378	38,958	41,029	34,725
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	33,968	39,964	40,529	43,081	33,372	28,632
4.	Pembinaan <i>Construction</i>	11,406	11,099	11,794	11,132	10,795	6,600
5.	Perkhidmatan <i>Services</i>	21,552	21,858	22,656	23,480	21,686	18,499
5.1	Utiliti <i>Utilities</i>	91,035	94,229	94,709	90,787	89,728	87,859
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	22,440	22,658	24,775	26,090	22,392	17,479
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	7,441	7,451	7,635	7,970	7,104	4,503
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	23,430	25,009	25,583	25,445	22,513	13,909
5.5	Maklumat dan komunikasi <i>Information and communication</i>	92,585	90,885	89,661	84,377	94,477	92,181
5.6	Kewangan dan insurans <i>Finance and insurance</i>	62,485	59,776	61,774	65,096	64,705	56,395
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	14,688	15,547	15,044	15,779	14,878	11,663
5.8	Perkhidmatan lain <i>Other services</i>	17,320	17,564	18,080	19,458	17,939	16,771
Produktiviti buruh <i>Labour productivity</i>		22,810	23,206	23,817	24,291	22,613	19,530

6a Quarterly labour productivity, value added per employment by economic activity, Q1 2019 - Q4 2023

(RM)

2020		2021				2022				2023			
III	IV	I	II	III	IV	I	II	III	IV	I	II	III ^r	IV
14,881	13,086	12,085	12,772	14,480	13,497	12,195	12,566	14,749	13,721	12,182	12,413	14,792	13,871
283,881	351,270	333,475	323,649	279,934	313,635	317,764	312,671	304,286	332,521	323,940	303,180	302,703	344,483
32,464	32,573	31,375	31,640	31,275	34,309	32,266	32,921	33,838	34,854	32,477	32,074	32,801	33,746
18,686	16,295	14,678	17,476	17,916	17,040	14,604	17,014	17,831	17,121	14,924	16,467	17,381	17,416
134,836	122,882	110,450	116,777	79,123	131,919	115,193	146,336	118,093	124,337	119,031	151,452	118,582	126,998
5,851	6,067	5,825	5,351	5,251	5,897	5,770	5,386	5,584	6,061	6,196	5,843	5,801	5,980
17,999	17,989	19,221	17,850	15,644	18,532	20,131	18,841	17,575	18,062	19,154	17,780	16,895	17,720
58,505	59,151	56,258	57,546	63,951	61,991	54,587	55,665	64,334	61,351	54,923	54,528	62,399	59,432
25,268	24,247	23,408	22,835	21,622	25,108	24,195	24,121	23,735	25,307	24,789	25,071	24,260	26,010
40,994	41,941	45,429	42,560	42,547	46,821	50,249	46,825	47,455	49,128	49,124	44,256	44,984	45,536
44,159	50,466	36,546	40,360	29,854	50,621	36,018	45,485	39,016	49,547	36,275	43,125	38,620	50,476
10,604	10,221	9,912	9,092	8,618	9,103	9,368	9,368	9,906	10,015	9,995	9,852	10,474	10,251
21,856	22,394	21,221	20,621	20,574	22,651	21,961	22,142	22,914	23,586	22,650	22,372	23,339	23,871
94,109	92,298	89,995	92,414	91,508	96,382	91,266	93,093	93,636	92,524	91,609	95,846	95,467	94,899
24,030	25,472	22,446	20,891	21,016	24,765	22,253	23,112	24,746	25,942	23,647	23,739	25,610	26,603
5,487	5,291	5,145	4,768	4,440	5,583	6,147	6,165	6,369	6,497	6,384	6,196	6,162	6,239
21,496	19,915	19,025	19,165	19,133	22,360	23,761	23,975	24,278	25,132	25,879	25,555	26,120	27,523
91,181	89,006	95,962	94,564	95,637	93,184	97,607	96,343	96,201	93,833	95,465	95,083	95,264	93,826
65,105	69,256	71,786	70,161	68,706	72,026	71,511	69,443	71,421	72,019	71,247	64,881	69,849	67,448
12,687	12,414	12,542	11,811	10,978	11,916	13,607	13,985	14,166	14,494	14,569	14,665	15,029	15,325
18,081	19,056	17,403	17,440	17,799	19,141	18,125	18,002	18,558	19,626	18,749	18,706	19,360	20,438
23,327	23,661	22,578	22,211	22,081	24,065	23,153	23,402	24,312	24,966	23,718	23,408	24,470	25,080

6b Produktiviti buruh suku tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, ST1 2019 - ST4 2023:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

		2019				2020			
Aktiviti ekonomi <i>Economic activity</i>		I	II	III	IV	I	II	III	IV
1.	Pertanian <i>Agriculture</i>	3.8	2.1	1.9	-6.0	-8.9	1.2	0.3	-0.9
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	4.9	1.0	-3.8	-3.1	-1.2	-16.3	-4.4	-8.3
3.	Pembuatan <i>Manufacturing</i>	2.0	2.4	1.5	0.8	-0.3	-17.5	3.6	3.2
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan	2.1	2.3	0.3	-0.9	-5.1	6.9	5.3	-9.4
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	1.3	2.0	2.5	0.7	-2.8	-44.4	8.6	10.1
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	0.7	0.9	-0.8	-0.9	-0.7	-39.9	-7.2	0.8
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	3.6	4.2	4.3	3.2	0.5	-29.0	3.0	4.9
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	1.9	1.4	0.8	0.4	1.7	-13.8	-0.2	0.1
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka	4.2	4.2	3.2	2.7	-0.5	-39.9	-6.3	-2.7
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	0.4	1.9	1.3	0.5	0.2	-8.2	9.7	7.7
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	5.4	5.7	5.9	4.0	-1.8	-28.4	9.0	17.1
4.	Pembinaan <i>Construction</i>	4.8	3.8	2.2	3.5	-5.4	-40.5	-10.1	-8.2
5.	Perkhidmatan <i>Services</i>	2.9	3.0	2.7	2.9	0.6	-15.4	-3.5	-4.6
5.1	Utiliti <i>Utilities</i>	4.7	3.9	3.4	3.3	-1.4	-6.8	-0.6	1.7
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	3.9	3.4	3.4	3.2	-0.2	-22.9	-3.0	-2.4
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	1.1	1.8	1.7	2.1	-4.5	-39.6	-28.1	-33.6
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	3.9	4.4	4.2	4.2	-3.9	-44.4	-16.0	-21.7
5.5	Maklumat dan komunikasi <i>Information and communication</i>	1.8	0.2	0.4	1.0	2.0	1.4	1.7	5.5
5.6	Kewangan dan insurans <i>Finance and insurance</i>	1.9	3.7	2.9	3.5	3.6	-5.7	5.4	6.4
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	4.3	4.5	4.7	5.0	1.3	-25.0	-15.7	-21.3
5.8	Perkhidmatan lain <i>Other services</i>	3.5	3.9	3.1	3.7	3.6	-4.5	0.01	-2.1
Produktiviti buruh <i>Labour productivity</i>		2.4	2.8	2.4	1.5	-0.9	-15.8	-2.1	-2.6

6b Quarterly labour productivity, value added per employment by economic activity, Q1 2019 - Q4 2023:

											(%)
2021				2022				2023			
I	II	III	IV	I	II	III	IV	I	II	III ^r	IV
1.0	-3.1	-2.7	3.1	0.9	-1.6	1.9	1.7	-0.1	-1.2	0.3	1.1
-2.4	12.8	-1.4	-10.7	-4.7	-3.4	8.7	6.0	1.9	-3.0	-0.5	3.6
5.5	23.2	-3.7	5.3	2.8	4.0	8.2	1.6	0.7	-2.6	-3.1	-3.2
-3.7	-6.5	-4.1	4.6	-0.5	-2.6	-0.5	0.5	2.2	-3.2	-2.5	1.7
15.1	55.6	-41.3	7.4	4.3	25.3	49.3	-5.7	3.3	3.5	0.4	2.1
3.7	31.1	-10.2	-2.8	-0.9	0.7	6.3	2.8	7.4	8.5	3.9	-1.3
5.4	40.4	-13.1	3.0	4.7	5.6	12.3	-2.5	-4.8	-5.6	-3.9	-1.9
3.0	21.8	9.3	4.8	-3.0	-3.3	0.6	-1.0	0.6	-2.0	-3.0	-3.1
-1.3	34.0	-14.4	3.6	3.4	5.6	9.8	0.8	2.5	3.9	2.2	2.8
10.7	22.6	3.8	11.6	10.6	10.0	11.5	4.9	-2.2	-5.5	-5.2	-7.3
9.5	41.0	-32.4	0.3	-1.4	12.7	30.7	-2.1	0.7	-5.2	-1.0	1.9
-8.2	37.8	-18.7	-10.9	-5.5	3.0	14.9	10.0	6.7	5.2	5.7	2.4
-2.1	11.5	-5.9	1.1	3.5	7.4	11.4	4.1	3.1	1.0	1.9	1.2
0.3	5.2	-2.8	4.4	1.4	0.7	2.3	-4.0	0.4	3.0	2.0	2.6
0.2	19.5	-12.5	-2.8	-0.9	10.6	17.7	4.8	6.3	2.7	3.5	2.5
-27.6	5.9	-19.1	5.5	19.5	29.3	43.4	16.4	3.9	0.5	-3.2	-4.0
-15.5	37.8	-11.0	12.3	24.9	25.1	26.9	12.4	8.9	6.6	7.6	9.5
1.6	2.6	4.9	4.7	1.7	1.9	0.6	0.7	-2.2	-1.3	-1.0	-0.01
10.9	24.4	5.5	4.0	-0.4	-1.0	4.0	-0.01	-0.4	-6.6	-2.2	-6.3
-15.7	1.3	-13.5	-4.0	8.5	18.4	29.0	21.6	7.1	4.9	6.1	5.7
-3.0	4.0	-1.6	0.4	4.1	3.2	4.3	2.5	3.4	3.9	4.3	4.1
-0.2	13.7	-5.3	1.7	2.5	5.4	10.1	3.7	2.4	0.02	0.6	0.5

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 <i>Economic activity</i>		2019	2020	2021	2022	2023
1.	Pertanian <i>Agriculture</i>	101,573	99,109	99,000	99,073	99,791
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	102,887	92,879	93,717	96,199	97,199
3.	Pembuatan <i>Manufacturing</i>	316,283	307,606	336,839	364,131	366,703
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	30,448	30,881	31,516	32,856	34,524
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	9,181	7,709	7,756	9,062	9,625
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	6,251	5,444	5,837	6,171	6,244
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	21,685	20,075	21,341	22,962	22,879
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	90,982	90,084	101,847	102,872	102,049
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>	37,716	32,797	34,142	36,704	38,599
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	89,133	91,361	104,745	119,615	117,708
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	30,887	29,255	29,655	33,889	35,074
4.	Pembinaan <i>Construction</i>	66,453	53,616	50,889	53,441	56,689
5.	Perkhidmatan <i>Services</i>	820,576	777,693	794,552	881,310	927,826
5.1	Utiliti <i>Utilities</i>	38,326	37,950	39,025	40,337	41,460
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	242,704	228,561	233,144	264,511	280,040
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	49,821	36,539	32,731	43,547	46,842
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	53,632	42,078	42,653	55,799	63,501
5.5	Maklumat dan komunikasi <i>Information and communication</i>	84,225	89,203	94,639	99,576	103,115
5.6	Kewangan dan insurans <i>Finance and insurance</i>	93,358	96,102	105,839	106,667	104,531
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	68,762	58,766	53,088	65,143	70,860
5.8	Perkhidmatan lain <i>Other services</i>	189,747	188,494	193,433	205,729	217,477
tambah Duti import <i>plus Import duties</i>		16,179	15,346	15,646	16,785	18,339
KDNK pada harga pembeli <i>GDP at purchasers' prices</i>		1,423,952	1,346,249	1,390,644	1,510,939	1,566,546

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	2023
1.	Pertanian <i>Agriculture</i>	1.9	-2.4	-0.1	0.1	0.7
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-0.6	-9.7	0.9	2.6	1.0
3.	Pembuatan <i>Manufacturing</i>	3.8	-2.7	9.5	8.1	0.7
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	3.3	1.4	2.1	4.2	5.1
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	4.1	-16.0	0.6	16.8	6.2
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	5.5	-12.9	7.2	5.7	1.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	5.4	-7.4	6.3	7.6	-0.4
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	2.9	-1.0	13.1	1.0	-0.8
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>	4.1	-13.0	4.1	7.5	5.2
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	3.3	2.5	14.6	14.2	-1.6
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	6.1	-5.3	1.4	14.3	3.5
4.	Pembinaan <i>Construction</i>	0.4	-19.3	-5.1	5.0	6.1
5.	Perkhidmatan <i>Services</i>	6.2	-5.2	2.2	10.9	5.3
5.1	Utiliti <i>Utilities</i>	6.1	-1.0	2.8	3.4	2.8
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	6.8	-5.8	2.0	13.5	5.9
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	9.5	-26.7	-10.4	33.0	7.6
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	6.8	-21.5	1.4	30.8	13.8
5.5	Maklumat dan komunikasi <i>Information and communication</i>	6.5	5.9	6.1	5.2	3.6
5.6	Kewangan dan insurans <i>Finance and insurance</i>	4.8	2.9	10.1	0.8	-2.0
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	7.9	-14.5	-9.7	22.7	8.8
5.8	Perkhidmatan lain <i>Other services</i>	4.2	-0.7	2.6	6.4	5.7
tambah Duti import <i>plus Import duties</i>		-2.2	-5.2	2.0	7.3	9.3
KDNK pada harga pembeli <i>GDP at purchasers' prices</i>		4.4	-5.5	3.3	8.7	3.7

8a Keluaran Dalam Negeri Kasar (KDNK) suku tahunan mengikut aktiviti ekonomi pada harga malar 2015, ST1 2019 - ST4 2023

		(RM juta/ RM million)					
	Aktiviti ekonomi <i>Economic activity</i>	2019				2020	
		I	II	III	IV	I	II
1.	Pertanian <i>Agriculture</i>	24,707	24,266	28,082	24,519	22,532	24,421
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	26,216	26,483	23,567	26,622	25,460	21,387
3.	Pembuatan <i>Manufacturing</i>	75,627	79,005	79,922	81,729	76,635	64,343
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan	7,020	7,623	7,807	7,997	6,779	8,291
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	1,946	2,643	2,416	2,177	1,920	1,294
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	1,450	1,710	1,558	1,534	1,502	997
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	5,530	5,460	5,386	5,308	5,599	3,683
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	21,385	22,002	23,570	24,025	22,202	19,067
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka	8,620	10,234	9,793	9,069	8,617	6,129
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	23,189	21,648	21,598	22,698	23,641	19,724
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	6,486	7,684	7,795	8,921	6,376	5,157
4.	Pembinaan <i>Construction</i>	16,704	16,161	16,967	16,620	15,377	9,003
5.	Perkhidmatan <i>Services</i>	195,144	199,852	208,474	217,106	201,339	168,097
5.1	Utiliti <i>Utilities</i>	9,329	9,610	9,732	9,656	9,350	9,041
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	55,776	58,053	63,277	65,599	56,956	44,696
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	11,793	12,075	12,450	13,504	11,981	7,116
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	12,902	13,157	13,472	14,101	12,706	7,269
5.5	Maklumat dan komunikasi <i>Information and communication</i>	20,468	21,164	21,504	21,090	21,830	22,162
5.6	Kewangan dan insurans <i>Finance and insurance</i>	23,050	22,676	23,317	24,315	24,231	21,382
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	16,548	17,160	17,069	17,985	17,163	12,982
5.8	Perkhidmatan lain <i>Other services</i>	45,279	45,957	47,653	50,858	47,121	43,448
tambah Duti import <i>plus Import duties</i>		3,976	4,142	4,106	3,956	3,347	3,435
KDNK pada harga pembeli <i>GDP at purchasers' prices</i>		342,373	349,910	361,117	370,552	344,690	290,686

8a Quarterly Gross Domestic Product (GDP) by economic activity at constant 2015 prices, Q1 2019 - Q4 2023

(RM juta/ RM million)													
2020		2021				2022				2023			
III	IV	I	II	III	IV	I	II	III	IV	I	II	III ^r	IV
27,938	24,218	22,596	24,090	27,356	24,958	22,610	23,526	27,697	25,240	22,834	23,295	27,938	25,723
22,009	24,023	24,630	24,073	21,207	23,807	24,087	23,666	23,133	25,314	24,675	23,128	23,113	26,283
82,446	84,182	81,710	81,543	81,697	91,889	87,181	89,039	92,399	95,513	89,996	89,151	92,291	95,264
8,354	7,457	6,760	8,117	8,402	8,236	7,097	8,319	8,845	8,595	7,604	8,497	9,206	9,218
2,357	2,137	2,005	2,004	1,405	2,342	2,122	2,584	2,107	2,249	2,239	2,812	2,203	2,371
1,426	1,519	1,531	1,381	1,346	1,579	1,605	1,478	1,513	1,574	1,619	1,533	1,519	1,573
5,369	5,424	5,822	5,109	4,694	5,716	6,225	5,731	5,437	5,568	5,977	5,649	5,475	5,779
24,068	24,747	23,852	24,455	27,144	26,396	23,742	24,240	28,269	26,621	24,164	23,843	27,585	26,457
9,151	8,900	8,704	8,171	7,860	9,407	9,167	9,017	8,920	9,600	9,484	9,507	9,407	10,200
23,557	24,439	26,146	24,918	25,233	28,448	30,160	28,781	29,613	31,061	31,300	28,362	28,858	29,188
8,164	9,558	6,889	7,388	5,612	9,766	7,062	8,888	7,695	10,244	7,609	8,948	8,038	10,479
14,890	14,346	13,786	12,639	11,843	12,620	12,945	12,953	13,655	13,889	13,906	13,759	14,641	14,382
201,009	207,248	197,305	191,355	191,818	214,074	209,973	214,034	223,829	233,475	225,342	224,105	235,131	243,248
9,736	9,823	9,513	9,674	9,586	10,251	9,749	10,064	10,307	10,217	9,854	10,419	10,533	10,654
61,931	64,978	57,864	54,116	55,149	66,015	60,178	63,436	68,444	72,452	65,864	66,419	72,154	75,604
8,741	8,700	8,387	7,793	7,297	9,254	10,411	10,535	11,020	11,580	11,659	11,532	11,586	12,064
11,237	10,865	10,584	10,011	9,907	12,150	13,282	13,579	13,983	14,956	15,539	15,412	15,773	16,776
22,622	22,589	23,163	23,403	23,985	24,089	24,632	24,782	25,073	25,090	25,574	25,686	25,952	25,903
24,659	25,830	26,948	26,313	25,730	26,849	26,662	25,913	26,841	27,252	27,176	24,698	26,692	25,965
14,456	14,165	14,123	13,249	12,252	13,464	15,436	16,109	16,560	17,038	17,229	17,403	17,882	18,346
47,627	50,299	46,724	46,796	47,911	52,002	49,623	49,615	51,601	54,891	52,447	52,536	54,560	57,935
3,844	4,720	3,978	4,068	3,365	4,235	3,808	4,228	4,171	4,577	4,211	4,510	4,540	5,077
352,137	358,736	344,005	337,770	337,286	371,583	360,603	367,444	384,884	398,008	380,966	377,949	397,655	409,977

8b Keluaran Dalam Negeri Kasar (KDNK) suku tahunan mengikut aktiviti ekonomi pada harga malar 2015, ST1 2019 - ST4 2023: Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

(%)

Aktiviti ekonomi <i>Economic activity</i>		2019				2020			
		I	II	III	IV	I	II	III	IV
1.	Pertanian <i>Agriculture</i>	6.0	4.2	3.7	-5.5	-8.8	0.6	-0.5	-1.2
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	0.1	2.4	-2.8	-2.4	-2.9	-19.2	-6.6	-9.8
3.	Pembuatan <i>Manufacturing</i>	4.1	4.3	3.6	3.0	1.3	-18.6	3.2	3.0
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan	5.1	4.5	2.5	1.6	-3.4	8.8	7.0	-6.8
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	4.6	4.4	3.7	3.8	-1.3	-51.0	-2.4	-1.8
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	4.7	5.8	5.5	5.8	3.6	-41.7	-8.5	-1.0
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	5.5	5.5	5.7	5.0	1.2	-32.6	-0.3	2.2
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	3.1	3.2	2.8	2.6	3.8	-13.3	2.1	3.0
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka	4.0	4.3	4.2	3.9	-0.04	-40.1	-6.6	-1.9
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	3.7	4.0	3.0	2.4	1.9	-8.9	9.1	7.7
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan	6.9	6.8	6.6	4.7	-1.7	-32.9	4.7	7.1
4.	Pembinaan <i>Construction</i>	0.6	1.1	-1.4	1.3	-7.9	-44.3	-12.2	-13.7
5.	Perkhidmatan <i>Services</i>	6.4	6.1	5.9	6.2	3.2	-15.9	-3.6	-4.5
5.1	Utiliti <i>Utilities</i>	7.1	6.5	5.6	5.4	0.2	-5.9	0.04	1.7
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	7.3	6.9	6.7	6.6	2.1	-23.0	-2.1	-0.9
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	9.5	9.3	9.3	9.9	1.6	-41.1	-29.8	-35.6
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	6.6	7.0	6.8	6.8	-1.5	-44.7	-16.6	-22.9
5.5	Maklumat dan komunikasi <i>Information and communication</i>	7.1	6.2	6.0	6.7	6.7	4.7	5.2	7.1
5.6	Kewangan dan insurans <i>Finance and insurance</i>	4.6	4.8	4.3	5.4	5.1	-5.7	5.8	6.2
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	7.5	8.0	7.8	8.2	3.7	-24.3	-15.3	-21.2
5.8	Perkhidmatan lain <i>Other services</i>	4.6	4.1	3.7	4.4	4.1	-5.5	-0.1	-1.1
tambah Duti import <i>plus Import duties</i>		-20.4	-3.0	33.6	-5.9	-15.8	-17.1	-6.4	19.3
KDNK pada harga pembeli <i>GDP at purchasers' prices</i>		4.7	4.9	4.5	3.6	0.7	-16.9	-2.5	-3.2

8b Quarterly Gross Domestic Product (GDP) by economic activity at constant 2015 prices, Q1 2019 - Q4 2023:
Percentage change from corresponding quarter of preceding year

(%)											
2021				2022				2023			
I	II	III	IV	I	II	III	IV	I	II	III ^r	IV
0.3	-1.4	-2.1	3.1	0.1	-2.3	1.2	1.1	1.0	-1.0	0.9	1.9
-3.3	12.6	-3.6	-0.9	-2.2	-1.7	9.1	6.3	2.4	-2.3	-0.1	3.8
6.6	26.7	-0.9	9.2	6.7	9.2	13.1	3.9	3.2	0.1	-0.1	-0.3
-0.3	-2.1	0.6	10.5	5.0	2.5	5.3	4.4	7.2	2.1	4.1	7.2
4.4	54.9	-40.4	9.5	5.9	28.9	49.9	-4.0	5.5	8.8	4.6	5.4
1.9	38.4	-5.6	4.0	4.9	7.1	12.3	-0.3	0.8	3.7	0.4	-0.1
4.0	38.7	-12.6	5.4	6.9	12.2	15.8	-2.6	-4.0	-1.4	0.7	3.8
7.4	28.3	12.8	6.7	-0.5	-0.9	4.1	0.9	1.8	-1.6	-2.4	-0.6
1.0	33.3	-14.1	5.7	5.3	10.4	13.5	2.1	3.5	5.4	5.5	6.2
10.6	26.3	7.1	16.4	15.4	15.5	17.4	9.2	3.8	-1.5	-2.5	-6.0
8.1	43.2	-31.3	2.2	2.5	20.3	37.1	4.9	7.7	0.7	4.5	2.3
-10.3	40.4	-20.5	-12.0	-6.1	2.5	15.3	10.1	7.4	6.2	7.2	3.6
-2.0	13.8	-4.6	3.3	6.4	11.9	16.7	9.1	7.3	4.7	5.0	4.2
1.7	7.0	-1.5	4.4	2.5	4.0	7.5	-0.3	1.1	3.5	2.2	4.3
1.6	21.1	-11.0	1.6	4.0	17.2	24.1	9.8	9.4	4.7	5.4	4.4
-30.0	9.5	-16.5	6.4	24.1	35.2	51.0	25.1	12.0	9.5	5.1	4.2
-16.7	37.7	-11.8	11.8	25.5	35.6	41.1	23.1	17.0	13.5	12.8	12.2
6.1	5.6	6.0	6.6	6.3	5.9	4.5	4.2	3.8	3.6	3.5	3.2
11.2	23.1	4.3	3.9	-1.1	-1.5	4.3	1.5	1.9	-4.7	-0.6	-4.7
-17.7	2.1	-15.2	-4.9	9.3	21.6	35.2	26.5	11.6	8.0	8.0	7.7
-0.8	7.7	0.6	3.4	6.2	6.0	7.7	5.6	5.7	5.9	5.7	5.5
18.9	18.4	-12.5	-10.3	-4.3	3.9	24.0	8.1	10.6	6.7	8.9	10.9
-0.2	16.2	-4.2	3.6	4.8	8.8	14.1	7.1	5.6	2.9	3.3	3.0

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	2023
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 proses 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	2023
1.	Pertanian <i>Agriculture</i>	1.8	-4.0	4.6	1.3	1.6
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
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
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
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 2019 - ST4 2023

(Juta jam/ Million hours)

Aktiviti ekonomi <i>Economic activity</i>		2019				2020			
		I	II	III	IV	I	II	III	IV
1.	Pertanian <i>Agriculture</i>	993	977	993	975	975	849	982	972
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	47	46	48	43	45	35	47	41
3.	Pembuatan <i>Manufacturing</i>	1,520	1,518	1,526	1,554	1,509	1,077	1,473	1,510
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan	248	249	253	251	251	201	245	254
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	12	12	12	12	12	9	11	10
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	130	127	125	134	136	110	125	133
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	189	194	192	191	186	112	178	177
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	247	250	250	257	246	200	247	252
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka	228	223	225	228	223	152	215	223
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	349	347	353	354	340	233	343	347
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	117	116	117	127	115	60	110	115
4.	Pembinaan <i>Construction</i>	880	864	862	891	824	495	830	823
5.	Perkhidmatan <i>Services</i>	5,290	5,287	5,358	5,351	5,257	3,781	5,213	5,232
5.1	Utiliti <i>Utilities</i>	61	60	61	62	60	45	60	60
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	1,488	1,537	1,545	1,522	1,485	1,083	1,501	1,501
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	938	925	952	992	947	639	871	913
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	337	319	323	341	331	200	310	318
5.5	Maklumat dan komunikasi <i>Information and communication</i>	132	136	140	148	136	94	145	149
5.6	Kewangan dan insurans <i>Finance and insurance</i>	214	216	216	217	210	168	212	212
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	676	659	676	683	680	466	658	665
5.8	Perkhidmatan lain <i>Other services</i>	1,443	1,435	1,444	1,386	1,408	1,087	1,456	1,412
Jumlah jam bekerja <i>Total hours worked</i>		8,730	8,693	8,788	8,815	8,611	6,237	8,545	8,578

10a Quarterly total hours worked by economic activity, Q1 2019 - Q4 2023

(Juta jam/ Million hours)

2021				2022				2023			
I	II	III	IV	I	II	III	IV	I	II	III ^r	IV
983	991	997	983	987	1,002	1,017	1,000	1,005	1,021	1,035	1,009
44	43	44	45	45	45	46	46	46	47	46	47
1,488	1,424	1,430	1,575	1,589	1,585	1,595	1,631	1,637	1,652	1,669	1,674
247	248	250	272	278	275	278	285	291	289	299	297
10	10	10	10	11	10	11	11	11	11	10	12
133	125	126	138	145	144	139	136	140	143	136	133
173	154	156	183	183	184	186	192	188	193	200	199
253	250	251	261	264	263	265	267	269	271	272	274
223	202	200	228	227	225	227	230	230	228	234	238
338	330	335	368	361	368	372	387	378	392	393	396
111	105	102	116	120	117	117	124	129	124	125	126
809	754	699	811	827	814	823	827	834	836	839	835
5,214	5,101	5,046	5,361	5,487	5,493	5,558	5,706	5,725	5,744	5,830	5,854
60	58	55	62	63	62	63	67	65	65	66	67
1,476	1,436	1,442	1,541	1,576	1,592	1,618	1,665	1,644	1,653	1,653	1,653
902	884	910	945	977	954	981	995	1,041	1,045	1,088	1,094
327	301	294	325	338	339	346	365	363	364	365	371
140	143	144	152	149	149	157	164	156	158	160	164
213	211	207	213	215	214	209	204	205	222	219	224
651	635	613	655	672	670	670	711	715	704	717	713
1,445	1,433	1,381	1,468	1,497	1,512	1,514	1,536	1,536	1,533	1,562	1,568
8,538	8,312	8,214	8,775	8,935	8,939	9,039	9,210	9,247	9,299	9,419	9,418

10b Jumlah jam bekerja suku tahunan mengikut aktiviti ekonomi, ST1 2019 - ST4 2023:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

		(%)							
		2019				2020			
Aktiviti ekonomi Economic activity		I	II	III	IV	I	II	III	IV
1.	Pertanian <i>Agriculture</i>	2.7	2.1	2.0	0.2	-1.7	-13.1	-1.1	-0.3
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-1.3	3.5	-1.0	-2.2	-5.6	-25.1	-2.4	-4.5
3.	Pembuatan <i>Manufacturing</i>	0.7	1.8	0.7	1.9	-0.7	-29.1	-3.4	-2.9
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan	6.5	6.2	2.4	4.5	1.1	-19.6	-3.1	1.2
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	6.9	3.9	-0.4	2.0	-2.2	-30.8	-12.3	-13.8
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	-0.2	0.2	7.4	10.5	4.6	-13.0	0.01	-0.9
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	-3.9	-1.4	0.6	1.1	-1.4	-42.2	-7.3	-7.4
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	-2.4	1.3	-1.2	-1.3	-0.4	-20.0	-1.0	-2.2
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka	2.6	0.1	0.4	2.1	-2.4	-31.5	-4.6	-2.3
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	0.8	2.6	-0.8	0.3	-2.4	-32.8	-2.9	-2.0
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	-0.3	1.8	0.4	0.2	-1.2	-48.8	-5.6	-9.8
4.	Pembinaan <i>Construction</i>	-4.1	-2.7	-3.1	-3.2	-6.4	-42.7	-3.8	-7.7
5.	Perkhidmatan <i>Services</i>	3.4	3.6	2.8	3.5	-0.6	-28.5	-2.7	-2.2
5.1	Utiliti <i>Utilities</i>	3.6	2.7	1.9	2.3	-1.0	-25.5	-1.7	-3.0
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	1.3	3.1	3.2	3.0	-0.2	-29.5	-2.8	-1.4
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	9.6	9.2	6.6	6.9	0.9	-31.0	-8.5	-7.9
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	1.8	3.3	2.8	2.0	-1.9	-37.3	-4.0	-6.8
5.5	Maklumat dan komunikasi <i>Information and communication</i>	3.5	3.8	4.7	5.4	3.4	-30.7	3.5	0.8
5.6	Kewangan dan insurans <i>Finance and insurance</i>	4.7	0.1	1.3	2.1	-1.9	-22.2	-2.0	-2.2
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	2.1	3.0	1.8	3.7	0.5	-29.4	-2.8	-2.6
5.8	Perkhidmatan lain <i>Other services</i>	2.5	1.6	0.8	2.1	-2.4	-24.3	0.8	1.9
Jumlah jam bekerja <i>Total hours worked</i>		2.0	2.4	1.8	2.1	-1.4	-28.3	-2.8	-2.7

10b Quarterly total hours worked by economic activity, Q1 2019 - Q4 2023:
Percentage change from corresponding quarter of preceding year

(%)

2021				2022				2023			
I	II	III	IV	I	II	III	IV	I	II	III ^r	IV
0.8	16.7	1.5	1.1	0.4	1.1	2.1	1.7	1.8	1.9	1.8	0.9
-2.5	22.6	-7.3	9.3	3.9	4.8	4.8	2.0	0.9	4.7	0.4	2.0
-1.4	32.3	-3.0	4.3	6.8	11.3	11.6	3.6	3.1	4.2	4.6	2.6
-1.3	23.8	2.2	7.0	12.5	10.7	10.9	4.7	4.8	5.3	7.8	4.2
-14.6	11.4	-4.4	0.7	6.1	6.7	3.1	1.5	-0.03	11.9	-1.0	9.1
-1.8	13.0	0.9	3.8	8.9	15.1	10.7	-1.5	-3.4	-0.1	-2.3	-1.6
-7.3	37.1	-12.5	3.5	6.2	19.4	19.5	5.1	2.6	5.1	7.5	3.7
2.9	25.3	1.4	3.6	4.3	4.9	5.7	2.4	2.1	3.1	2.5	2.4
-0.1	32.5	-6.9	2.2	1.9	11.4	13.7	0.8	1.5	1.5	2.8	3.4
-0.7	41.8	-2.2	6.0	6.8	11.3	11.0	5.3	4.8	6.5	5.6	2.4
-3.6	75.7	-7.9	1.2	7.5	12.0	15.3	7.2	7.7	5.5	6.6	1.1
-1.9	52.2	-15.7	-1.4	2.3	8.0	17.7	1.9	0.9	2.7	2.0	0.9
-0.8	34.9	-3.2	2.5	5.2	7.7	10.2	6.4	4.3	4.6	4.9	2.6
0.4	30.2	-7.9	2.6	4.9	5.4	14.1	9.1	3.2	5.0	4.9	-0.8
-0.6	32.6	-3.9	2.6	6.8	10.9	12.2	8.0	4.3	3.8	2.2	-0.7
-4.7	38.5	4.5	3.5	8.4	7.9	7.8	5.2	6.5	9.5	10.9	10.0
-1.3	50.7	-5.3	2.1	3.4	12.6	17.6	12.4	7.5	7.4	5.5	1.6
2.5	52.0	-0.9	1.9	6.5	4.4	9.1	7.8	4.4	6.2	2.0	0.1
1.5	25.3	-2.6	0.5	0.8	1.9	1.1	-4.5	-4.4	3.3	4.6	9.8
-4.2	36.3	-6.7	-1.5	3.1	5.6	9.3	8.5	6.4	5.0	7.1	0.4
2.6	31.9	-5.2	3.9	3.6	5.6	9.7	4.6	2.6	1.3	3.1	2.1
-0.8	33.3	-3.9	2.3	4.6	7.5	10.0	5.0	3.5	4.0	4.2	2.3

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

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

12a Pekerja suku tahunan mengikut aktiviti ekonomi, ST1 2019 - ST4 2023

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Aktiviti ekonomi <i>Economic activity</i>		2019				2020			
		I	II	III	IV	I	II	III	IV
1.	Pertanian <i>Agriculture</i>	1,881	1,862	1,892	1,857	1,883	1,852	1,877	1,851
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	76	77	79	70	74	75	78	68
3.	Pembuatan <i>Manufacturing</i>	2,535	2,539	2,550	2,588	2,576	2,506	2,540	2,584
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan	437	436	440	444	445	443	447	458
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	20	20	19	19	20	17	17	17
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	256	252	247	255	267	244	244	250
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	305	305	308	310	307	290	298	302
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	398	402	402	407	406	404	411	418
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka	362	361	363	364	363	360	362	367
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	566	572	578	583	576	568	575	583
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	191	192	192	207	191	180	185	189
4.	Pembinaan <i>Construction</i>	1,464	1,456	1,439	1,493	1,424	1,364	1,404	1,404
5.	Perkhidmatan <i>Services</i>	9,054	9,143	9,202	9,246	9,284	9,087	9,197	9,255
5.1	Utiliti <i>Utilities</i>	102	102	103	106	104	103	103	106
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2,486	2,562	2,554	2,514	2,544	2,557	2,577	2,551
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	1,585	1,621	1,631	1,694	1,686	1,580	1,593	1,644
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	551	526	527	554	564	523	523	546
5.5	Maklumat dan komunikasi <i>Information and communication</i>	221	233	240	250	231	240	248	254
5.6	Kewangan dan insurans <i>Finance and insurance</i>	369	379	377	374	374	379	379	373
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	1,127	1,104	1,135	1,140	1,154	1,113	1,139	1,141
5.8	Perkhidmatan lain <i>Other services</i>	2,614	2,617	2,636	2,614	2,627	2,591	2,634	2,639
Jumlah pekerja <i>Total employment</i>		15,010	15,078	15,162	15,255	15,243	14,884	15,096	15,162

12a Quarterly employment by economic activity, Q1 2019 - Q4 2023

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2021				2022				2023			
I	II	III	IV	I	II	III	IV	I	II	III ^r	IV
1,870	1,886	1,889	1,849	1,854	1,872	1,878	1,840	1,874	1,877	1,889	1,854
74	74	76	76	76	76	76	76	76	76	76	76
2,604	2,577	2,612	2,678	2,702	2,705	2,731	2,740	2,771	2,780	2,814	2,823
461	464	469	483	486	489	496	502	510	516	530	529
18	17	18	18	18	18	18	18	19	19	19	19
263	258	256	268	278	274	271	260	261	262	262	263
303	286	300	308	309	304	309	308	312	318	324	326
424	425	424	426	435	435	439	434	440	437	442	445
372	358	363	375	379	374	376	379	383	379	388	392
576	585	593	608	600	615	624	632	637	641	642	641
189	183	188	193	196	195	197	207	210	207	208	208
1,391	1,390	1,374	1,386	1,382	1,383	1,378	1,387	1,391	1,397	1,398	1,403
9,298	9,279	9,323	9,451	9,561	9,666	9,768	9,899	9,949	10,017	10,074	10,190
106	105	105	106	107	108	110	110	108	109	110	112
2,578	2,590	2,624	2,666	2,704	2,745	2,766	2,793	2,785	2,798	2,817	2,842
1,630	1,634	1,643	1,658	1,694	1,709	1,730	1,782	1,826	1,861	1,880	1,993
556	522	518	543	559	566	576	595	600	603	604	610
241	247	251	259	252	257	261	267	268	270	272	276
375	375	374	373	373	373	376	378	381	381	382	385
1,126	1,122	1,116	1,130	1,134	1,152	1,169	1,176	1,183	1,187	1,190	1,197
2,685	2,683	2,692	2,717	2,738	2,756	2,781	2,797	2,797	2,809	2,818	2,835
15,237	15,207	15,275	15,441	15,575	15,701	15,831	15,942	16,062	16,146	16,251	16,347

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12b Pekerja suku tahunan mengikut aktiviti ekonomi, ST1 2019 - ST4 2023:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

		(%)							
Aktiviti ekonomi <i>Economic activity</i>		2019				2020			
		I	II	III	IV	I	II	III	IV
1.	Pertanian <i>Agriculture</i>	2.2	2.0	1.7	0.5	0.1	-0.5	-0.8	-0.4
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-4.6	1.4	1.1	0.7	-1.7	-3.5	-2.3	-1.6
3.	Pembuatan <i>Manufacturing</i>	2.1	1.8	2.0	2.3	1.6	-1.3	-0.4	-0.2
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan	3.0	2.1	2.2	2.5	1.8	1.7	1.7	3.0
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	3.2	2.3	1.2	3.0	1.5	-11.9	-10.1	-10.8
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	3.9	4.9	6.4	6.8	4.4	-2.9	-1.4	-1.7
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	1.8	1.2	1.4	1.7	0.7	-5.0	-3.2	-2.6
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	1.2	1.8	2.0	2.2	2.1	0.5	2.3	2.9
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka	-0.2	0.1	0.9	1.2	0.4	-0.4	-0.3	0.9
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	3.2	2.1	1.7	1.8	1.7	-0.7	-0.6	0.01
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	1.3	1.1	0.6	0.6	0.1	-6.3	-3.9	-8.5
4.	Pembinaan <i>Construction</i>	-4.0	-2.6	-3.5	-2.1	-2.7	-6.3	-2.4	-6.0
5.	Perkhidmatan <i>Services</i>	3.4	3.0	3.1	3.2	2.5	-0.6	-0.1	0.1
5.1	Utiliti <i>Utilities</i>	2.3	2.5	2.1	2.1	1.7	0.9	0.7	0.1
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	3.3	3.4	3.2	3.3	2.3	-0.2	0.9	1.5
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	8.3	7.3	7.5	7.6	6.4	-2.5	-2.3	-3.0
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	2.6	2.6	2.5	2.6	2.5	-0.7	-0.7	-1.6
5.5	Maklumat dan komunikasi <i>Information and communication</i>	5.3	5.9	5.5	5.6	4.5	3.2	3.4	1.5
5.6	Kewangan dan insurans <i>Finance and insurance</i>	2.7	1.1	1.4	1.8	1.5	-0.1	0.3	-0.2
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	3.2	3.3	2.9	3.0	2.4	0.8	0.4	0.1
5.8	Perkhidmatan lain <i>Other services</i>	1.1	0.2	0.6	0.7	0.5	-1.0	-0.1	1.0
Jumlah pekerja <i>Total employment</i>		2.2	2.1	2.1	2.2	1.6	-1.3	-0.4	-0.6

12b Quarterly employment by economic activity, Q1 2019 - Q4 2023:
Percentage change from corresponding quarter of preceding year

												(%)
2021				2022				2023				
I	II	III	IV	I	II	III	IV	I	II	III ^r	IV	
-0.7	1.8	0.6	-0.1	-0.8	-0.7	-0.6	-0.5	1.1	0.2	0.6	0.8	
-0.8	-0.2	-2.3	11.0	2.6	1.8	0.4	0.3	0.5	0.8	0.4	0.2	
1.1	2.8	2.9	3.6	3.7	4.9	4.5	2.3	2.6	2.8	3.0	3.0	
3.5	4.7	4.9	5.6	5.5	5.3	5.8	3.9	4.9	5.5	6.8	5.4	
-9.3	-0.5	1.6	2.0	1.5	2.9	0.5	1.9	2.1	5.1	4.1	3.2	
-1.7	5.6	5.2	7.0	5.9	6.4	5.7	-3.0	-6.1	-4.4	-3.3	1.3	
-1.4	-1.2	0.6	2.3	2.1	6.3	3.1	-0.05	0.9	4.4	4.7	5.8	
4.3	5.3	3.2	1.8	2.6	2.5	3.5	1.9	1.2	0.4	0.6	2.6	
2.4	-0.5	0.4	2.1	1.9	4.5	3.4	1.3	1.0	1.4	3.2	3.4	
-0.1	3.1	3.2	4.3	4.3	5.0	5.2	4.1	6.2	4.3	2.8	1.4	
-1.3	1.6	1.7	1.9	4.0	6.8	4.9	7.2	7.0	6.2	5.5	0.4	
-2.4	1.9	-2.1	-1.2	-0.6	-0.5	0.3	0.02	0.7	1.0	1.4	1.2	
0.1	2.1	1.4	2.1	2.8	4.2	4.8	4.7	4.1	3.6	3.1	2.9	
1.4	1.7	1.3	-0.1	1.1	3.3	5.1	3.8	0.7	0.6	0.2	1.7	
1.4	1.3	1.8	4.5	4.9	6.0	5.4	4.8	3.0	1.9	1.9	1.8	
-3.3	3.4	3.2	0.8	3.9	4.5	5.3	7.5	7.8	8.9	8.7	8.5	
-1.4	-0.1	-0.9	-0.4	0.5	8.4	11.2	9.5	7.4	6.5	4.9	2.4	
4.5	2.9	1.1	1.9	4.5	3.9	3.9	3.4	6.2	5.0	4.5	3.2	
0.2	-1.1	-1.1	-0.1	-0.7	-0.5	0.3	1.5	2.3	2.0	1.7	1.7	
-2.4	0.8	-2.0	-1.0	0.7	2.7	4.7	4.0	4.2	3.0	1.8	1.8	
2.2	3.6	2.2	2.9	2.0	2.7	3.3	2.9	2.2	1.9	1.4	1.4	
-0.04	2.2	1.2	1.8	2.2	3.2	3.6	3.2	3.1	2.8	2.7	2.5	

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11 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	2023
1. Pertanian <i>Agriculture</i>		102.4	104.1	99.4	98.1	97.3
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>		102.8	102.4	99.1	98.0	97.1
3. Pembuatan <i>Manufacturing</i>		113.6	121.3	125.1	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	139.0	132.3
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	111.0	116.7	122.8	119.0	115.1
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>	108.3	104.8	104.0	104.9	107.8
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	109.6	107.5	112.2
5. Perkhidmatan <i>Services</i>		115.0	119.1	114.4	118.2	119.6
5.1	Utiliti <i>Utilities</i>	114.2	122.5	120.3	114.8	114.6
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	112.9	116.3	112.1	116.2	120.2
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	111.7	92.6	76.8	95.2	93.7
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	116.9	104.5	98.5	115.8	125.0
5.5	Maklumat dan komunikasi <i>Information and communication</i>	118.3	132.7	127.7	125.6	126.2
5.6	Kewangan dan insurans <i>Finance and insurance</i>	111.9	123.9	129.8	131.1	124.4
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	119.4	111.4	97.2	111.9	116.3
5.8	Perkhidmatan lain <i>Other services</i>	121.6	128.5	123.5	124.2	128.3
Produktiviti buruh <i>Labour productivity</i>		113.0	117.0	114.2	116.2	116.5

12 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 <i>Economic activity</i>		2019	2020	2021	2022	2023
1.	Pertanian <i>Agriculture</i>	104.3	102.2	101.6	102.4	102.5
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	104.6	96.6	95.9	97.2	97.8
3.	Pembuatan <i>Manufacturing</i>	112.3	109.3	116.6	121.4	118.9
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	105.7	105.1	102.4	101.6	101.0
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	109.3	99.5	102.0	117.2	120.1
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	112.2	98.1	101.2	103.2	107.9
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	124.4	118.2	125.5	131.4	125.9
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	108.9	105.7	115.4	113.6	111.3
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>	107.8	93.6	96.4	100.8	103.7
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	117.6	120.4	134.5	146.8	139.4
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	120.6	119.9	120.4	130.1	128.6
4.	Pembinaan <i>Construction</i>	124.5	105.0	100.6	105.9	111.2
5.	Perkhidmatan <i>Services</i>	113.2	106.8	107.6	114.6	116.6
5.1	Utiliti <i>Utilities</i>	115.5	113.4	115.4	115.4	117.7
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	111.1	103.5	103.2	111.3	115.4
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	110.5	81.4	72.2	91.2	90.5
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	116.1	91.2	93.1	113.5	122.7
5.5	Maklumat dan komunikasi <i>Information and communication</i>	117.6	120.8	125.0	126.5	125.1
5.6	Kewangan dan insurans <i>Finance and insurance</i>	110.5	113.3	125.5	126.2	121.3
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	116.6	98.7	90.2	107.4	113.8
5.8	Perkhidmatan lain <i>Other services</i>	118.3	117.4	117.3	121.4	126.2
Produktiviti buruh <i>Labour productivity</i>		111.9	106.0	108.1	114.0	115.0

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 Economic activity	2019	2020	2021	2022	2023
1.	Agromakanan <i>Agro-food</i>	103.4	108.7	107.4	102.1	103.1
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	114.5	117.1	127.8	123.8	123.3
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 and Built Environment</i>	125.8	119.4	109.6	107.5	112.2
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	116.9	115.3	108.5	119.2	118.9
7.	Logistik <i>Logistics</i>	118.0	106.9	100.7	111.6	120.1
8.	Pelancongan <i>Tourism</i>	117.6	73.3	53.4	111.7	134.0
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	118.3	132.7	127.7	125.6	126.2
10.	Perkhidmatan professional <i>Professional services</i>	128.3	129.7	113.9	125.5	130.3
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	109.2	107.6	114.9	117.0	122.1
	Produktiviti buruh Labour productivity	117.5	121.5	119.0	124.2	124.5

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	2023
1.	Agromakanan <i>Agro-food</i>	107.4	107.2	110.6	109.1	111.2
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	108.8	104.5	115.2	117.6	118.3
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 and Built Environment</i>	124.5	105.0	100.6	105.9	111.2
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	114.7	102.6	100.9	113.8	114.1
7.	Logistik <i>Logistics</i>	117.3	95.2	96.1	110.7	118.5
8.	Pelancongan <i>Tourism</i>	116.6	60.0	45.7	106.8	129.6
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	117.6	120.8	125.0	126.5	125.1
10.	Perkhidmatan professional <i>Professional services</i>	127.3	114.6	109.3	121.7	130.0
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	110.1	101.5	110.7	117.1	123.8
	Produktiviti buruh <i>Labour productivity</i>	116.2	108.4	111.4	121.0	122.1

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15 Produktiviti buruh suku tahunan, indeks produktiviti buruh per jam bekerja mengikut aktiviti ekonomi (2015=100),
ST1 2019 - ST4 2023

Aktiviti ekonomi <i>Economic activity</i>		2019				2020			
		I	II	III	IV	I	II	III	IV
1.	Pertanian <i>Agriculture</i>	98.8	98.5	112.2	99.8	91.7	114.1	112.9	98.9
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	102.2	105.6	90.2	114.5	105.2	113.9	86.3	108.2
3.	Pembuatan <i>Manufacturing</i>	109.3	114.3	115.1	115.5	111.6	131.3	122.9	122.5
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan	96.6	104.3	105.4	108.7	92.3	141.2	116.4	100.2
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	89.9	122.0	113.6	103.9	90.7	86.3	126.4	118.3
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	99.8	120.6	111.9	102.4	98.9	80.9	102.4	102.4
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	132.1	127.0	126.6	125.6	135.7	148.2	136.2	138.5
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	106.0	107.9	115.6	114.3	110.5	116.8	119.2	120.4
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka	98.2	119.4	113.0	103.1	100.5	104.4	110.7	103.5
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	126.3	118.4	116.2	121.8	131.9	160.6	130.4	133.8
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	104.9	124.8	126.2	132.8	104.5	163.5	139.9	157.8
4.	Pembinaan <i>Construction</i>	125.6	123.8	130.3	123.4	123.5	120.3	118.8	115.4
5.	Perkhidmatan <i>Services</i>	110.1	112.8	116.1	121.1	114.3	132.7	115.1	118.2
5.1	Utiliti <i>Utilities</i>	111.9	116.1	115.6	113.0	113.3	146.6	117.7	118.5
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	106.2	107.0	116.1	122.1	108.7	116.9	116.9	122.7
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	107.3	111.4	111.7	116.3	108.1	95.1	85.7	81.3
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	110.2	118.9	120.0	118.9	110.6	104.7	104.3	98.2
5.5	Maklumat dan komunikasi <i>Information and communication</i>	121.0	121.9	119.6	111.2	124.9	184.1	121.6	118.3
5.6	Kewangan dan insurans <i>Finance and insurance</i>	111.4	108.6	111.4	115.9	119.4	131.6	120.2	125.9
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	114.4	121.7	118.1	123.2	118.1	130.4	102.8	99.6
5.8	Perkhidmatan lain <i>Other services</i>	114.7	117.1	120.7	134.2	122.4	146.2	119.6	130.3
Produktiviti buruh <i>Labour productivity</i>		109.0	111.9	114.2	116.8	111.2	129.5	114.5	116.2

I5 Quarterly labour productivity, index of labour productivity per hour worked by economic activity (2015=100), Q1 2019 - Q4 2023

2021				2022				2023			
I	II	III	IV	I	II	III	IV	I	II	III ^r	IV
91.2	96.4	108.9	100.8	90.9	93.2	108.1	100.2	90.2	90.6	107.0	101.2
104.3	104.6	89.8	98.1	98.2	98.1	93.4	102.2	99.7	91.5	93.0	104.1
120.6	125.8	125.5	128.2	120.5	123.4	127.3	128.6	120.7	118.6	121.5	125.0
93.3	111.6	114.5	103.5	87.1	103.4	108.8	103.1	89.1	100.3	105.0	106.1
110.9	119.9	78.8	128.7	110.6	145.0	114.6	121.8	116.8	140.9	121.1	117.6
102.7	99.1	95.8	102.6	98.8	92.1	97.2	103.8	103.2	95.7	100.0	105.4
152.1	149.9	136.0	141.1	153.2	140.8	131.8	130.8	143.4	132.0	123.4	131.0
115.4	119.6	132.5	123.9	110.1	113.0	130.6	122.0	109.8	107.9	124.4	118.4
101.6	105.1	102.1	107.1	105.0	104.1	102.0	108.5	107.0	108.1	104.5	111.4
147.0	143.1	142.8	146.9	158.7	148.5	151.1	152.2	157.2	137.4	139.5	139.7
117.0	133.3	104.5	159.3	111.7	143.2	124.2	155.8	111.7	136.7	121.8	157.7
112.9	111.0	112.1	103.0	103.6	105.3	109.8	111.2	110.3	108.9	115.5	114.1
112.9	112.0	113.5	119.2	114.2	116.3	120.2	122.1	117.5	116.4	120.4	124.0
114.9	120.5	125.8	120.5	112.2	118.9	118.5	110.1	109.9	117.3	115.5	115.7
111.1	106.8	108.4	121.4	108.2	112.9	119.9	123.3	113.5	113.8	123.7	129.6
79.4	75.2	68.5	83.6	91.0	94.3	95.9	99.4	95.7	94.2	90.9	94.1
93.3	95.7	97.1	107.6	113.3	115.3	116.5	117.8	123.2	121.8	124.5	130.2
129.3	128.0	130.1	123.8	129.1	129.9	124.7	119.5	128.4	126.8	126.4	123.3
130.9	129.3	128.8	130.2	128.4	125.0	132.9	138.4	137.0	115.3	126.3	120.1
101.4	97.6	93.5	96.1	107.5	112.5	115.6	112.2	112.7	115.7	116.6	120.3
118.3	119.5	126.9	129.6	121.2	120.0	124.6	130.7	124.9	125.4	127.8	135.2
112.0	112.9	114.1	117.7	112.2	114.2	118.3	120.1	114.5	112.9	117.3	121.0

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16 Produktiviti buruh suku tahunan, indeks produktiviti buruh per pekerja mengikut aktiviti ekonomi (2015=100),
ST1 2019 - ST4 2023

Aktiviti ekonomi <i>Economic activity</i>		2019				2020			
		I	II	III	IV	I	II	III	IV
1. Pertanian <i>Agriculture</i>		101.1	100.3	114.2	101.6	92.1	101.5	114.5	100.7
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>		106.2	105.2	91.1	117.5	104.9	88.1	87.1	107.8
3. Pembuatan <i>Manufacturing</i>		108.2	112.8	113.7	114.5	107.9	93.1	117.7	118.1
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan	98.0	106.7	108.3	109.8	93.0	114.1	114.0	99.4
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	92.0	125.8	115.6	104.0	89.4	69.9	125.6	114.4
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	102.5	123.1	114.2	109.1	101.8	74.0	106.0	109.9
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	127.8	126.1	123.1	120.8	128.4	89.5	126.8	126.7
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	103.4	105.5	112.8	113.8	105.2	90.9	112.6	113.9
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka	98.7	117.4	111.7	103.3	98.3	70.6	104.7	100.5
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	124.2	114.8	113.4	118.2	124.5	105.3	124.4	127.2
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	103.8	122.1	123.8	131.6	101.9	87.5	134.9	154.2
4. Pembinaan <i>Construction</i>		125.0	121.6	129.3	122.0	118.3	72.3	116.2	112.0
5. Perkhidmatan <i>Services</i>		109.0	110.5	114.6	118.7	109.7	93.6	110.5	113.3
5.1	Utiliti <i>Utilities</i>	113.4	117.4	118.0	113.1	111.8	109.5	117.3	115.0
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	103.9	104.9	114.7	120.8	103.7	80.9	111.3	118.0
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	107.8	107.9	110.6	115.5	102.9	65.2	79.5	76.7
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	109.4	116.8	119.5	118.8	105.1	65.0	100.4	93.0
5.5	Maklumat dan komunikasi <i>Information and communication</i>	122.0	119.8	118.2	111.2	124.5	121.5	120.2	117.3
5.6	Kewangan dan insurans <i>Finance and insurance</i>	110.9	106.1	109.7	115.6	114.9	100.1	115.6	122.9
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	112.2	118.7	114.9	120.5	113.6	89.1	96.9	94.8
5.8	Perkhidmatan lain <i>Other services</i>	113.1	114.7	118.1	127.1	117.2	109.6	118.1	124.5
Produktiviti buruh <i>Labour productivity</i>		108.5	110.4	113.3	115.5	107.5	92.9	110.9	112.5

I6 Quarterly labour productivity, index of labour productivity per employment by economic activity (2015=100),
Q1 2019 - Q4 2023

2021				2022				2023			
I	II	III	IV	I	II	III	IV	I	II	III ^r	IV
93.0	98.3	111.4	103.9	93.8	96.7	113.5	105.6	93.7	95.5	113.8	106.7
102.3	99.3	85.9	96.2	97.5	95.9	93.4	102.0	99.4	93.0	92.9	105.7
113.8	114.7	113.4	124.4	117.0	119.4	122.7	126.4	117.8	116.3	118.9	122.4
89.5	106.6	109.3	104.0	89.1	103.8	108.8	104.5	91.1	100.5	106.0	106.3
102.9	108.8	73.7	122.9	107.3	136.3	110.0	115.8	110.9	141.1	110.4	118.3
105.5	97.0	95.2	106.9	104.6	97.6	101.2	109.8	112.3	105.9	105.1	108.4
135.4	125.7	110.2	130.5	141.8	132.7	123.8	127.2	134.9	125.2	119.0	124.8
108.3	110.8	123.1	119.3	105.1	107.2	123.8	118.1	105.7	105.0	120.1	114.4
97.0	94.6	89.6	104.0	100.2	99.9	98.3	104.8	102.7	103.9	100.5	107.8
137.8	129.1	129.1	142.0	152.4	142.0	143.9	149.0	149.0	134.2	136.5	138.1
111.6	123.3	91.2	154.6	110.0	139.0	119.2	151.4	110.8	131.7	118.0	1154.2
108.6	99.7	94.5	99.8	102.7	102.7	108.6	109.8	109.5	108.0	114.8	112.4
107.3	104.3	104.0	114.6	111.1	112.0	115.9	119.3	114.5	113.1	118.0	120.7
112.1	115.2	114.0	120.1	113.7	116.0	116.7	115.3	114.2	119.4	119.0	1218.3
103.9	96.7	97.3	114.7	103.1	107.0	114.6	120.1	109.5	109.9	118.6	123.2
74.5	69.1	64.3	80.9	89.0	89.3	92.3	94.1	92.5	89.8	89.3	90.4
88.9	89.5	89.4	104.4	111.0	112.0	113.4	117.4	120.9	119.3	122.0	128.5
126.5	124.6	126.0	122.8	128.6	127.0	126.8	123.7	125.8	125.3	125.5	123.7
127.4	124.5	122.0	127.9	126.9	123.3	126.8	127.8	126.5	115.2	124.0	119.7
95.8	90.2	83.8	91.0	103.9	106.8	108.2	110.7	111.3	112.0	114.8	117.0
113.7	113.9	116.3	125.0	118.4	117.6	121.2	128.2	122.5	122.2	126.5	133.5
107.4	105.6	105.0	114.4	110.1	111.3	115.6	118.7	112.8	111.3	116.4	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	2023
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	2023
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 proses 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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I9 Indeks jam bekerja suku tahunan mengikut aktiviti ekonomi (2015=100), ST1 2019 - ST4 2023

Aktiviti ekonomi <i>Economic activity</i>		2019				2020			
		I	II	III	IV	I	II	III	IV
1.	Pertanian <i>Agriculture</i>	102.6	101.0	102.6	100.7	100.8	87.8	101.5	100.5
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	99.6	97.3	101.4	90.2	94.0	72.9	98.9	86.2
3.	Pembuatan <i>Manufacturing</i>	105.5	105.4	105.9	107.9	104.7	74.7	102.2	104.8
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan	115.6	116.3	117.8	117.0	116.8	93.5	114.2	118.4
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	114.0	114.1	112.0	110.3	111.5	79.0	98.2	95.1
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	118.1	115.2	113.1	121.6	123.5	100.2	113.1	120.5
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	94.1	96.7	95.6	95.1	92.8	55.9	88.7	88.0
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	103.0	104.2	104.2	107.4	102.6	83.4	103.2	105.0
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka	111.2	108.6	109.8	111.4	108.6	74.4	104.7	108.9
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	104.6	104.1	105.9	106.1	102.0	69.9	102.8	104.0
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	92.2	91.9	92.2	100.2	91.1	47.1	87.0	90.4
4.	Pembinaan <i>Construction</i>	96.0	94.3	94.1	97.3	89.9	54.1	90.5	89.8
5.	Perkhidmatan <i>Services</i>	110.1	110.1	111.5	111.4	109.4	78.7	108.5	108.9
5.1	Utiliti <i>Utilities</i>	105.1	104.4	106.2	107.8	104.1	77.8	104.3	104.6
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	114.1	117.9	118.5	116.8	113.9	83.1	115.1	115.1
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	121.3	119.7	123.1	128.3	122.4	82.6	112.6	118.1
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	111.4	105.3	106.7	112.8	109.3	66.0	102.5	105.2
5.5	Maklumat dan komunikasi <i>Information and communication</i>	108.6	111.5	115.4	121.7	112.2	77.3	119.4	122.6
5.6	Kewangan dan insurans <i>Finance and insurance</i>	105.2	106.2	106.4	106.7	103.2	82.6	104.3	104.4
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	112.5	109.6	112.5	113.5	113.1	77.4	109.3	110.6
5.8	Perkhidmatan lain <i>Other services</i>	100.2	99.6	100.3	96.2	97.8	75.4	101.1	98.1
Jumlah jam bekerja <i>Total hours worked</i>		106.8	106.3	107.5	107.8	105.3	76.3	104.5	104.9

19 Quarterly hours worked index by economic activity (2015=100), Q1 2019 - Q4 2023

2021				2022				2023			
I	II	III	IV	I	II	III	IV	I	II	III ^r	IV
101.6	102.4	103.0	101.6	102.0	103.6	105.1	103.3	103.8	105.5	107.0	104.3
91.7	89.3	91.7	94.2	95.2	93.6	96.1	96.1	96.1	98.1	96.5	98.0
103.3	98.8	99.2	109.3	110.3	110.0	110.7	113.2	113.6	114.6	115.8	116.2
115.2	115.7	116.7	126.6	129.6	128.1	129.4	132.6	135.8	134.8	139.5	138.2
95.2	88.0	93.8	95.8	101.0	93.9	96.8	97.2	101.0	105.1	95.8	106.1
121.2	113.2	114.2	125.1	132.0	130.4	126.4	123.2	127.5	130.2	123.5	121.2
86.1	76.7	77.6	91.1	91.4	91.5	92.8	95.7	93.7	96.2	99.8	99.2
105.6	104.5	104.6	108.8	110.2	109.5	110.6	111.4	112.4	112.9	113.3	114.1
108.5	98.5	97.5	111.3	110.6	109.8	110.8	112.1	112.3	111.4	114.0	116.0
101.3	99.2	100.6	110.3	108.2	110.4	111.6	116.2	113.4	117.5	117.8	119.0
87.8	82.7	80.2	91.5	94.4	92.6	92.4	98.1	101.7	97.6	98.5	99.2
88.2	82.2	76.3	88.5	90.2	88.9	89.8	90.2	91.0	91.2	91.5	91.1
108.5	106.2	105.0	111.6	114.2	114.3	115.7	118.8	119.2	119.6	121.4	121.9
104.5	101.3	96.1	107.3	109.6	106.8	109.7	117.1	113.1	112.1	115.0	116.2
113.2	110.1	110.6	118.2	120.9	122.1	124.1	127.7	126.1	126.8	126.8	126.8
116.6	114.4	117.7	122.2	126.4	123.4	126.9	128.6	134.6	135.1	140.7	141.5
107.9	99.5	97.0	107.4	111.5	112.0	114.2	120.7	120.0	120.3	120.5	122.6
115.0	117.4	118.4	125.0	122.5	122.5	129.1	134.8	127.9	130.1	131.8	134.9
104.8	103.5	101.6	104.9	105.6	105.5	102.8	100.1	100.9	109.0	107.5	109.9
108.3	105.5	102.0	108.9	111.7	111.4	111.4	118.1	118.9	117.0	119.3	118.6
100.3	99.5	95.9	101.9	103.9	105.0	105.1	106.6	106.7	106.4	108.4	108.9
104.4	101.7	100.5	107.3	109.3	109.3	110.5	112.6	113.1	113.7	115.2	115.2

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I10 Indeks pekerja suku tahunan mengikut aktiviti ekonomi (2015=100), ST1 2019 - ST4 2023

Aktiviti ekonomi <i>Economic activity</i>		2019				2020			
		I	II	III	IV	I	II	III	IV
1. Pertanian <i>Agriculture</i>		100.2	99.3	100.9	99.0	100.4	98.7	100.1	98.6
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>		95.8	97.7	100.4	87.9	94.2	94.3	98.1	86.5
3. Pembuatan <i>Manufacturing</i>		106.6	106.8	107.2	108.8	108.3	105.4	106.8	108.6
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan	114.0	113.7	114.7	115.9	116.0	115.6	116.6	119.3
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	111.4	110.6	110.0	110.2	113.1	97.5	98.8	98.3
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather</i>	114.9	112.8	110.8	114.2	119.9	109.6	109.3	112.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	97.3	97.4	98.4	98.8	98.1	92.5	95.2	96.3
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	105.6	106.5	106.7	107.9	107.9	107.1	109.2	111.0
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka	110.6	110.5	111.1	111.2	111.1	110.0	110.7	112.3
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	106.3	107.4	108.5	109.4	108.2	106.6	107.9	109.4
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	93.3	93.9	93.9	101.1	93.3	88.0	90.3	92.5
4. Pembinaan <i>Construction</i>		96.5	95.9	94.8	98.4	93.9	89.9	92.5	92.5
5. Perkhidmatan <i>Services</i>		111.2	112.3	113.0	113.6	114.1	111.6	113.0	113.7
5.1	Utiliti <i>Utilities</i>	103.7	103.2	104.0	107.7	105.5	104.2	104.7	107.7
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	116.7	120.3	119.9	118.0	119.4	120.0	121.0	119.7
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	120.8	123.5	124.3	129.2	128.6	120.5	121.4	125.4
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	112.1	107.1	107.2	112.9	114.9	106.4	106.5	111.1
5.5	Maklumat dan komunikasi <i>Information and communication</i>	107.7	113.4	116.8	121.8	112.6	117.1	120.9	123.6
5.6	Kewangan dan insurans <i>Finance and insurance</i>	105.7	108.7	108.2	107.0	107.3	108.6	108.5	106.9
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	114.7	112.4	115.5	116.1	117.5	113.3	116.0	116.2
5.8	Perkhidmatan lain <i>Other services</i>	101.6	101.7	102.5	101.6	102.1	100.7	102.4	102.6
Jumlah pekerja <i>Total employment</i>		107.3	107.8	108.4	109.0	108.9	106.4	107.9	108.4

I10 Quarterly employment index by economic activity (2015=100), Q1 2019 - Q4 2023

2021				2022				2023			
I	II	III	IV	I	II	III	IV	I	II	III ^r	IV
99.6	100.5	100.7	98.5	98.8	99.8	100.1	98.0	99.9	100.0	100.7	98.8
93.4	94.1	95.8	96.0	95.9	95.7	96.2	96.3	96.3	96.5	96.6	96.5
109.5	108.3	109.8	112.6	113.6	113.7	114.8	115.2	116.5	116.9	118.3	118.7
120.1	121.1	122.3	126.0	126.7	127.5	129.4	130.9	132.9	134.6	138.1	138.0
102.6	97.0	100.4	100.3	104.1	99.8	100.9	102.3	106.4	105.0	105.0	105.5
117.9	115.7	115.0	120.1	124.8	123.1	121.5	116.5	117.2	117.7	117.4	117.9
96.7	91.4	95.8	98.5	98.7	97.1	98.8	98.4	99.6	101.4	103.5	104.1
112.5	112.8	112.6	113.0	115.4	115.5	116.6	115.1	116.7	116.0	117.3	118.1
113.7	109.4	111.2	114.6	115.9	114.3	114.9	116.0	117.0	116.0	118.6	119.9
108.0	109.9	111.3	114.1	112.7	115.4	117.1	118.7	119.6	120.3	120.4	120.3
92.1	89.4	91.8	94.2	95.8	95.4	96.3	101.0	102.4	101.3	101.7	101.4
91.7	91.6	90.6	91.4	91.1	91.1	90.8	91.4	91.7	92.0	92.1	92.5
114.2	114.0	114.5	116.1	117.5	118.7	120.0	121.6	122.2	123.0	123.8	125.2
107.0	106.0	106.1	107.7	108.1	109.4	111.4	111.8	108.9	110.0	111.7	113.7
121.0	121.6	123.2	125.1	126.9	128.8	129.8	131.1	130.7	131.3	132.2	133.4
124.3	124.6	125.3	126.4	129.1	130.3	131.9	135.9	139.2	141.9	143.3	147.4
113.3	106.4	105.4	110.7	113.8	115.3	117.3	121.2	122.3	122.8	123.0	124.1
117.6	120.6	122.2	125.9	122.9	125.3	127.0	130.3	130.5	131.6	132.7	134.5
107.6	107.5	107.3	106.8	106.8	106.9	107.7	108.4	109.3	109.1	109.5	110.3
114.7	114.2	113.7	115.1	115.5	117.3	119.0	119.7	120.4	120.8	121.2	121.9
104.4	104.3	104.6	105.6	106.4	107.1	108.1	108.7	108.8	109.2	109.6	110.2
108.9	108.7	109.2	110.4	111.3	112.2	113.1	113.9	114.8	115.4	116.1	116.8

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PENGENALAN

Penerbitan ini membentangkan statistik produktiviti buruh suku tahunan bagi tempoh suku pertama 2019 hingga suku keempat 2023 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 adalah 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 adalah meliputi lima sektor utama iaitu Pertanian, Perlombongan & 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. Pengkelasan subsektor dan aktiviti ekonomi adalah seperti paparan di bawah, dengan perincian lapan (8) subsektor bagi sektor Pembuatan dan Perkhidmatan.

SEKTOR	MSIC	BAHAGIAN	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 di 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.

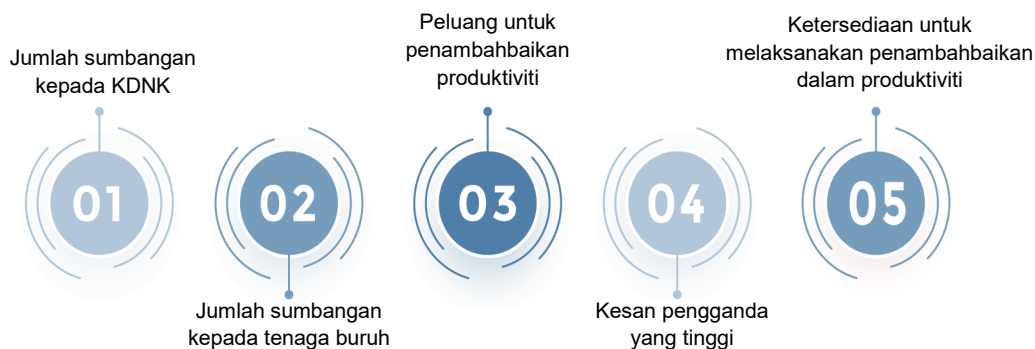
Nilai ditambah yang digunakan adalah nilai pada harga malar di mana ia merujuk kepada nilai barangan dan perkhidmatan pada harga asas tahun 2015. Pekerja merujuk kepada bilangan keseluruhan pekerja dalam tempoh rujukan, manakala jumlah jam bekerja ialah agregat sebenar jam bekerja dalam tempoh rujukan.

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 72].

11 subsektor keutamaan yang telah dikenal pasti iaitu 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:



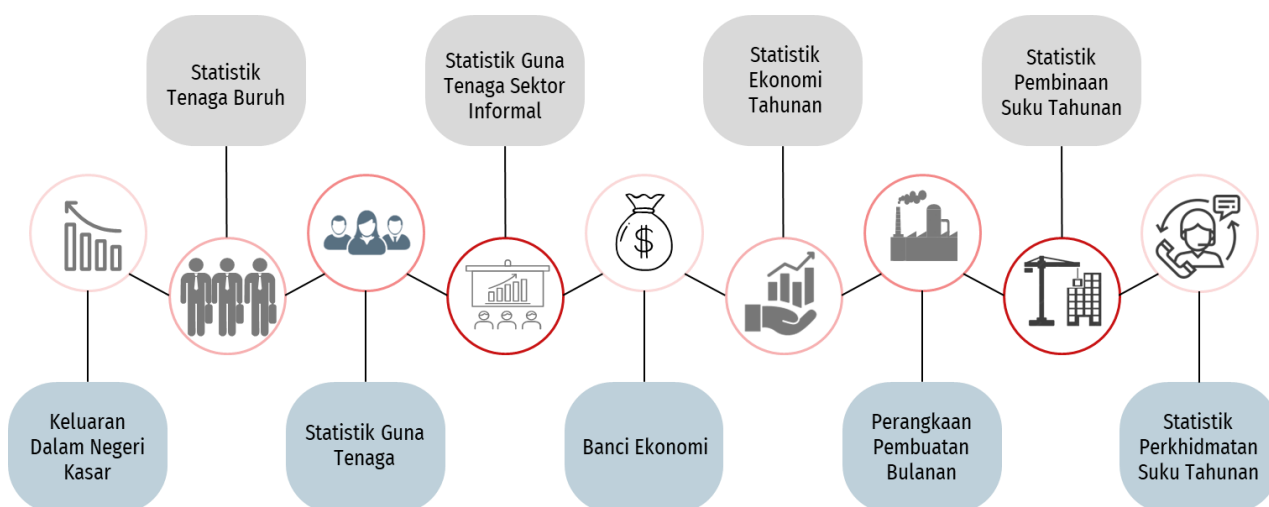
Klasifikasi 11 subsektor keutamaan yang telah ditentukan menggunakan MSIC 2008 Ver. 1.0 adalah seperti yang ditunjukkan di bawah.

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	KDNK	: Keluaran Dalam Negeri Kasar	p	: permulaan
RM	: Ringgit Malaysia	NPISHs	: <i>Non-Profit Institutions Serving Households</i>	OECD	: <i>Organisation for Economic Co-operation and Development</i>
MPB : <i>Malaysia Productivity Blueprint</i>					

PENERBITAN DAN SEMAKAN STATISTIK

Statistik produktiviti buruh yang dilaporkan dalam penerbitan ini bermula dari suku pertama 2019 hingga suku keempat 2023 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 2019 to the fourth quarter of 2023 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 are 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	MSIC	SECTION	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.

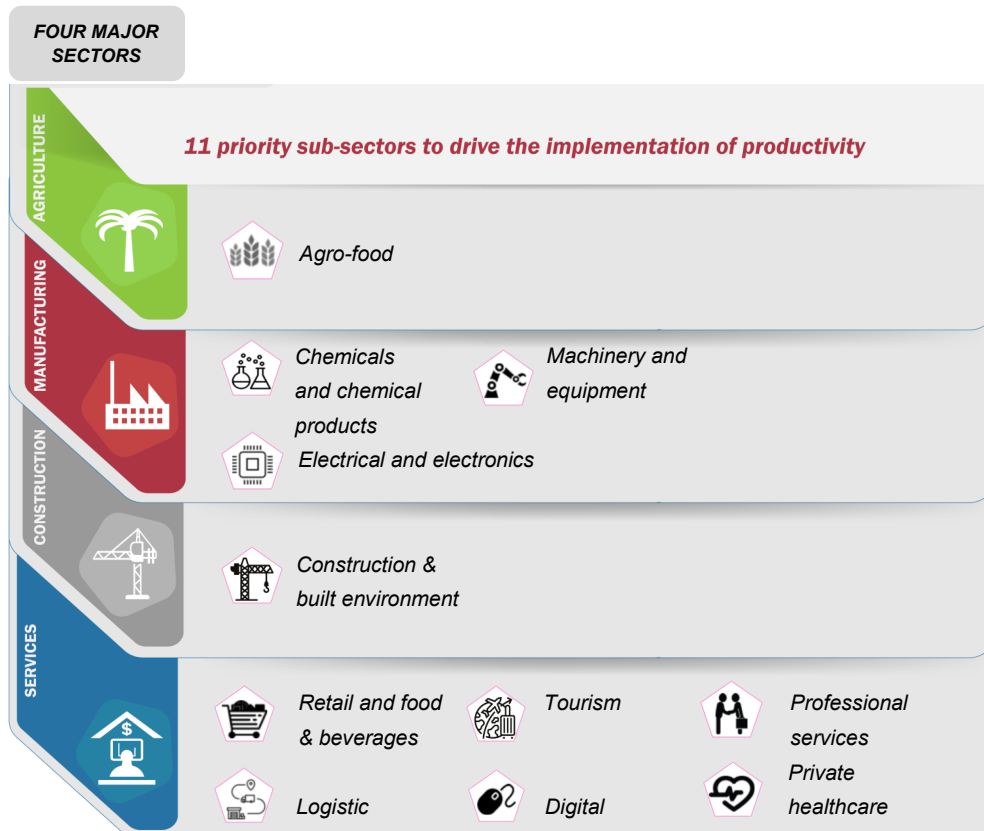
11 PRIORITY SUB-SECTORS

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 Logistics, 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 79].

The 11 priority sub-sectors identified are 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:



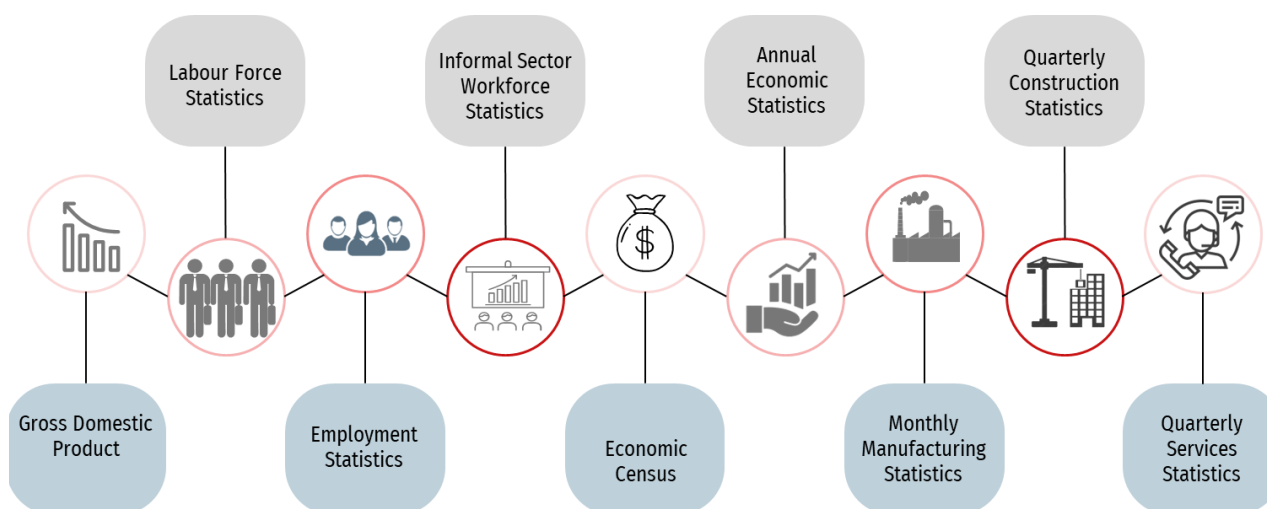
Classification of 11 priority sub-sectors is based on MSIC 2008 Ver. 1.0 as shown in table below.

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:



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.

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	GDP	: Gross Domestic Product	p	: preliminary
RM	: Ringgit Malaysia	NPISHs	: Non-Profit Institutions Serving Households	OECD	: Organisation for Economic Co-operation and Development
MPB : Malaysia Productivity Blueprint					

PUBLICATION AND REVISION OF STATISTICS

Labour productivity statistics presented in this publication from the first quarter 2019 to fourth quarter 2023 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 PERANGKAAN NEGERI SEPERTI BERIKUT:
THIS PUBLICATION IS ALSO AVAILABLE AT THE FOLLOWING STATES DEPARTMENT OF STATISTICS:**

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Pengarah,
Jabatan Perangkaan Malaysia Negeri Pahang,
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Pengarah,
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