



**KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA**

PRODUKTIVITI BURUH
LABOUR PRODUCTIVITY
SUKU KEEMPAT 2024
FOURTH QUARTER 2024

Pemakluman

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

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

Announcement

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

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

**JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA**

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KATA PENGANTAR

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

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

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

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

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

DATO' SRI DR. MOHD UZIR MAHIDIN

Ketua Perangkawan Malaysia

Februari 2025



PREFACE

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

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

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

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

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

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician Malaysia

February 2025



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**RINGKASAN
PENEMUAN**

Summary of Findings



PRODUKTIVITI BURUH SUKU KEEMPAT 2024



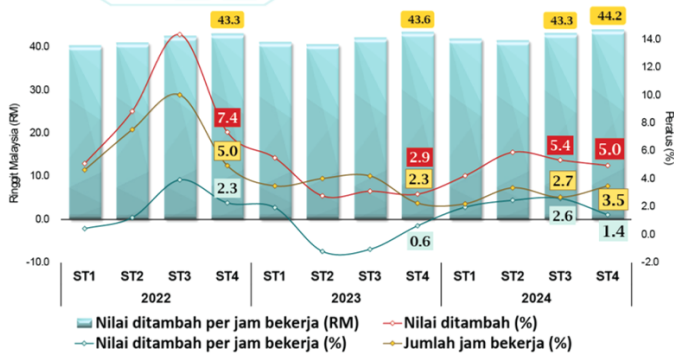
PRODUKTIVITI BURUH NILAI DITAMBAH PER JAM BEKERJA

Produktiviti buruh per jam bekerja pada ST4 2024 meningkat 1.4% dengan nilai ditambah per jam bekerja sebanyak RM44.2 setiap jam.



Jumlah jam bekerja (juta jam)

ST4 2024 : 9,747 3.5%
ST3 2024 : 9,672 2.7%



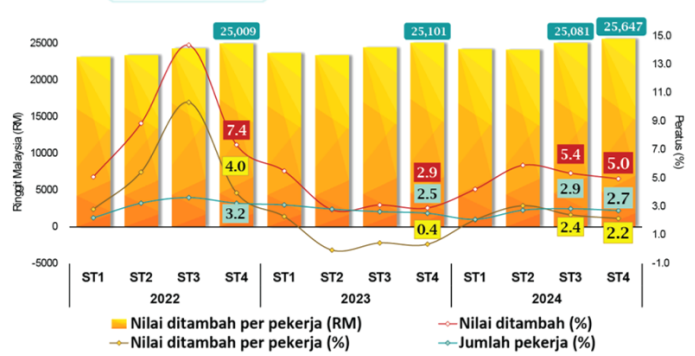
PRODUKTIVITI BURUH NILAI DITAMBAH PER PEKERJA

Produktiviti buruh per pekerja meningkat 2.2% pada ST4 2024 untuk merekodkan nilai ditambah per pekerja sebanyak RM25,647 seorang.



Jumlah pekerja ('000 orang)

ST4 2024 : 16,793 2.7%
ST3 2024 : 16,715 2.9%



PRODUKTIVITI BURUH MENGIKUT SEKTOR



Produktiviti Buruh per Jam Bekerja
Produktiviti Buruh per Pekerja
% Merujuk kepada perubahan peratusan tahunan daripada suku yang sama pada tahun sebelumnya



SUMBER: PRODUKTIVITI BURUH, SUKU KEEMPAT 2024, JABATAN PERANGKAIN MALAYSIA (DOSM)



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LABOUR PRODUCTIVITY FOURTH QUARTER 2024



LABOUR PRODUCTIVITY VALUE ADDED PER HOUR WORKED

Labour productivity per hour worked in Q4 2024 increased 1.4% with value added per hour worked at RM44.2 per hour.



Q4 2024 : 9,747 3.5%
Q3 2024 : 9,672 2.7%

Total hours worked (million hours)



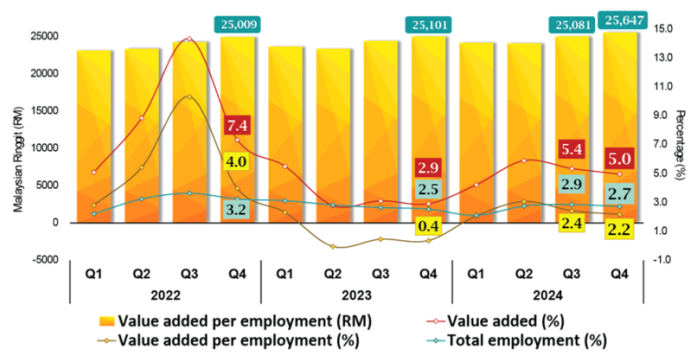
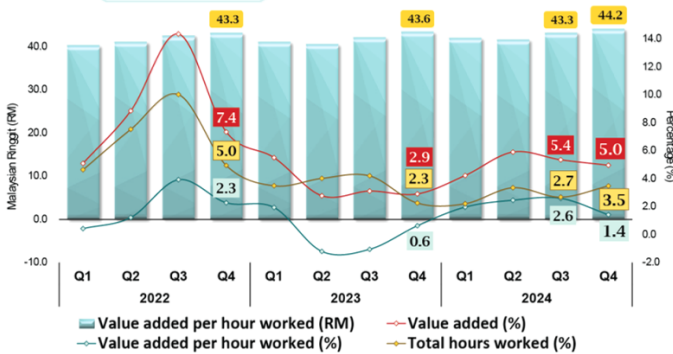
LABOUR PRODUCTIVITY VALUE ADDED PER EMPLOYMENT

Labour productivity per employment in Q4 2024 increased 2.2% with value added per employment at RM25,647 per person.



Q4 2024 : 16,793 2.7%
Q3 2024 : 16,715 2.9%

Total employment ('000 persons)



LABOUR PRODUCTIVITY BY SECTORS



RM25.4 | -1.8%
Q3 2024 : RM28.2 | 4.2%



RM58.2 | 2.4%
Q3 2024 : RM57.2 | 3.4%



RM41.9 | 0.9%
Q3 2024 : RM40.9 | 1.4%

RM13,803 | -1.7%
Q3 2024 : RM15,282 | 3.0%



RM551.3 | -2.7%
Q3 2024 : RM475.5 | -5.7%

RM34,745 | 3.0%
Q3 2024 : RM34,146 | 4.1%



RM20.5 | 18.7%
Q3 2024 : RM20.9 | 20.0%

RM24,286 | 1.8%
Q3 2024 : RM23,653 | 1.3%

RM341,780 | -1.3%
Q3 2024 : RM291,136 | -4.0%

RM12,274 | 19.7%
Q3 2024 : RM12,423 | 18.9%

Labour Productivity per Hour Worked
Labour Productivity per Employment
% Refers to the percentage change from corresponding quarter of preceding year

SOURCE: LABOUR PRODUCTIVITY, FOURTH QUARTER 2024, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)



@StatsMalaysia

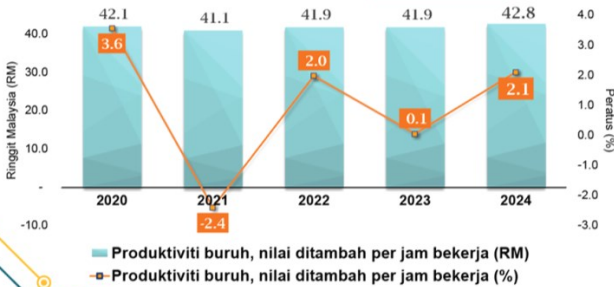




PRODUKTIVITI BURUH TAHUNAN 2024

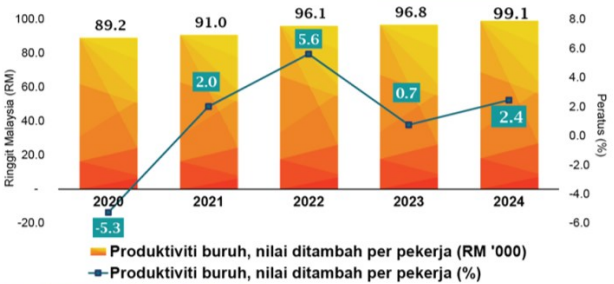
PRODUKTIVITI BURUH NILAI DITAMBAH PER JAM BEKERJA

Produktiviti buruh per jam bekerja pada tahun 2024 meningkat 2.1% dengan nilai ditambah per jam bekerja sebanyak RM42.8 setiap jam.

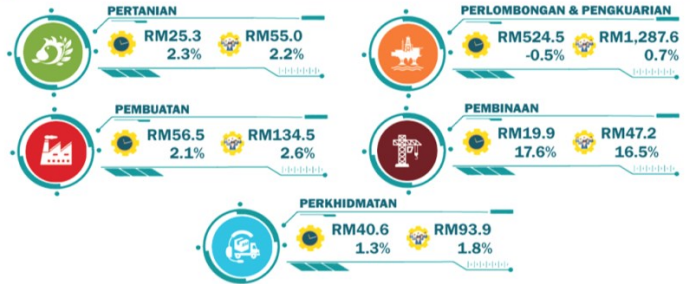


PRODUKTIVITI BURUH NILAI DITAMBAH PER PEKERJA

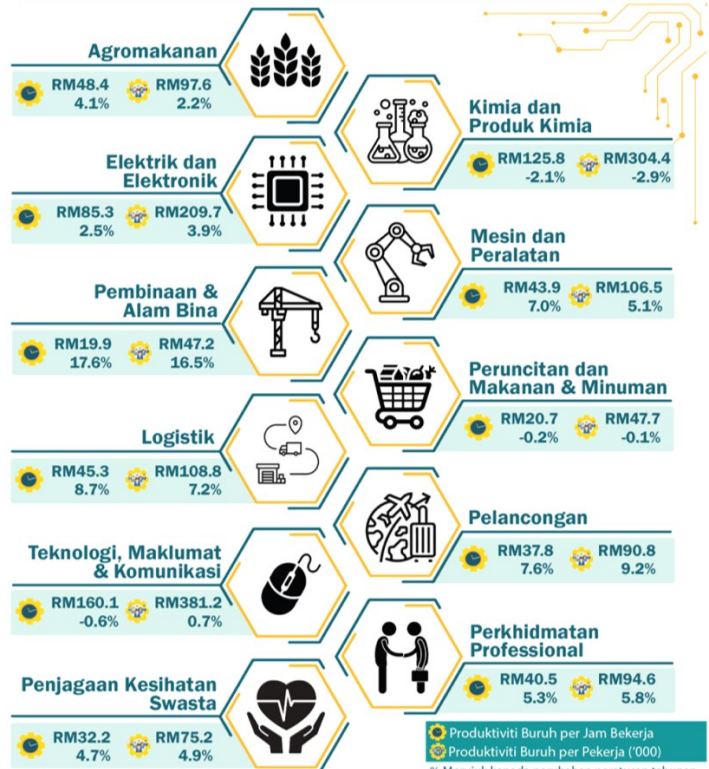
Produktiviti buruh per pekerja meningkat 2.4% pada tahun 2024 untuk merekodkan nilai ditambah per pekerja sebanyak RM99,137 seorang.



PRODUKTIVITI BURUH TAHUNAN MENGIKUT SEKTOR



PRODUKTIVITI BURUH TAHUNAN MENGIKUT 11 SUBSEKTOR KEUTAMAAN



Produktiviti Buruh per Jam Bekerja
 Produktiviti Buruh per Pekerja ('000)
 % Merujuk kepada perubahan peratusan tahunan daripada suku yang sama tahun sebelumnya

SUMBER: PRODUKTIVITI BURUH, SUKU KEEMPAT 2024, JABATAN PERANGKAAAN MALAYSIA (DOSM)



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20 Oktober

2016 - 2030

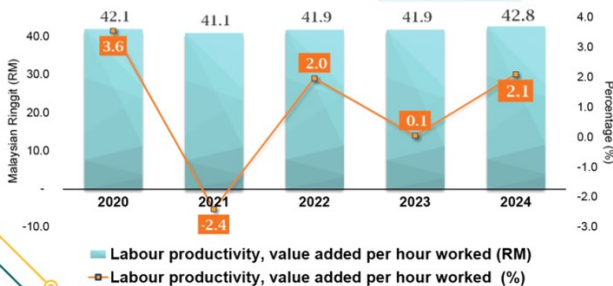




ANNUAL LABOUR PRODUCTIVITY 2024

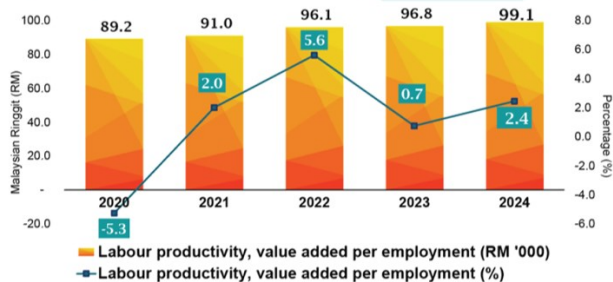
LABOUR PRODUCTIVITY VALUE ADDED PER HOUR WORKED

Labour productivity per hour worked in 2024 increased 2.1% with value added per hour worked at RM42.8 per hour.

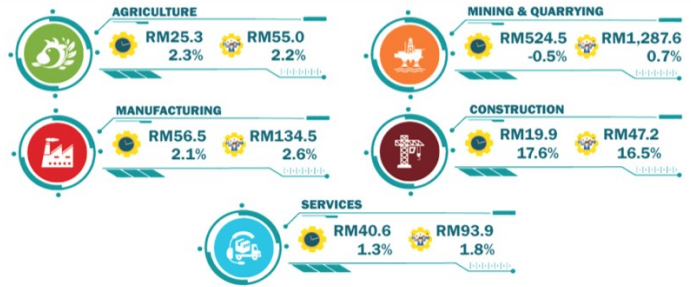


LABOUR PRODUCTIVITY VALUE ADDED PER EMPLOYMENT

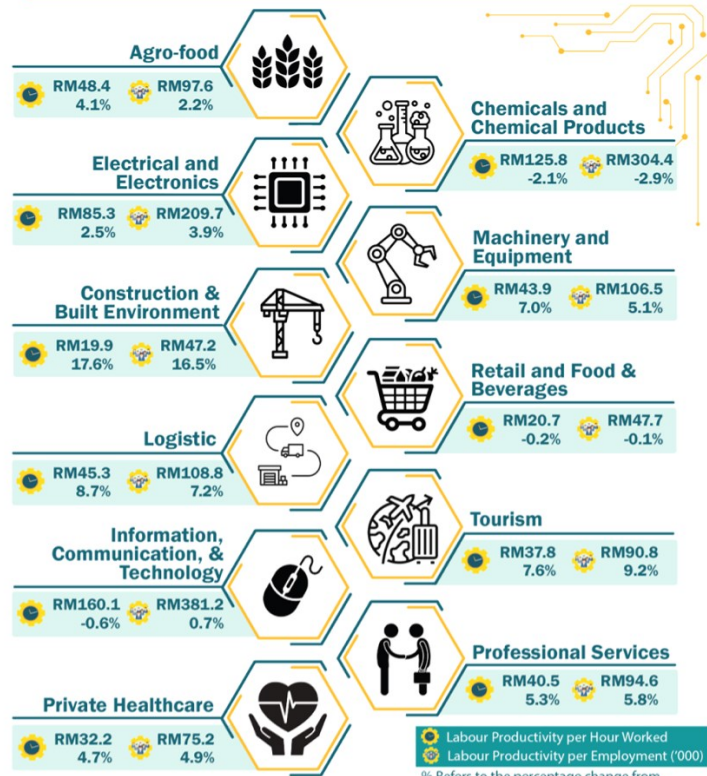
Labour productivity per employment increased 2.4% in 2024 with value added per employment at RM99,137 per person.



ANNUAL LABOUR PRODUCTIVITY BY SECTORS



ANNUAL LABOUR PRODUCTIVITY BY 11 PRIORITY SUBSECTORS



Labour Productivity per Hour Worked
 Labour Productivity per Employment ('000)
 % Refers to the percentage change from corresponding quarter of preceding year

SOURCE: LABOUR PRODUCTIVITY, FOURTH QUARTER 2024, DEPARTMENT OF STATISTICS MALAYSIA (DOSM)



@StatsMalaysia



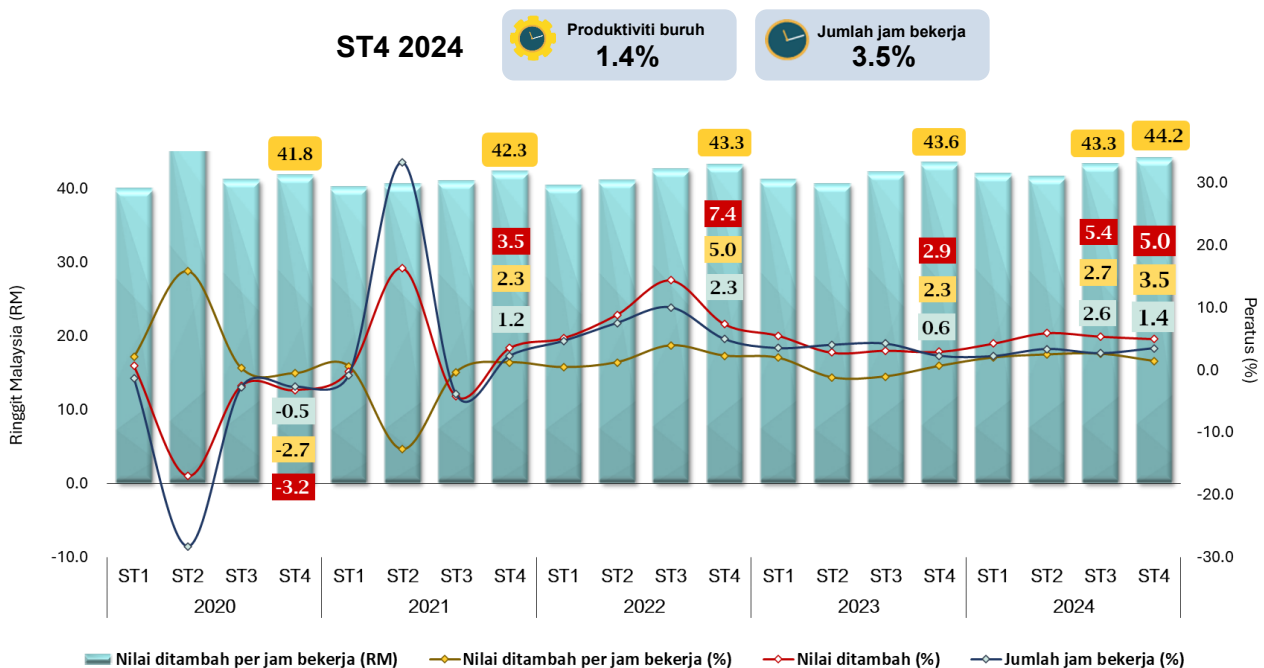
PRESTASI PRODUKTIVITI BURUH SUKU KEEMPAT 2024



PRODUKTIVITI BURUH MALAYSIA

Ekonomi Malaysia bertumbuh 5.0 peratus pada suku keempat 2024, mencapai nilai ditambah RM430,686 juta (ST3 2024: 5.4%; RM419,168 juta). Dalam pada itu, **produktiviti buruh per jam bekerja** pada ST4 2024 **meningkat 1.4 peratus** dengan **nilai ditambah per jam bekerja sebanyak RM44.2 setiap jam** (ST3 2024: 2.6%; RM43.3 setiap jam). Ini disumbangkan oleh peningkatan 3.5 peratus dalam jumlah jam bekerja bagi mencatatkan 9.7 bilion jam (ST3 2024: 2.7%, 9.7 bilion jam). Secara keseluruhan, prestasi produktiviti buruh per jam bekerja bagi tahun 2024 meningkat 2.1 peratus (2023: 0.1%) dengan nilai ditambah per jam bekerja sebanyak RM42.8 setiap jam (2023: RM41.9 setiap jam). **[Carta 1]**

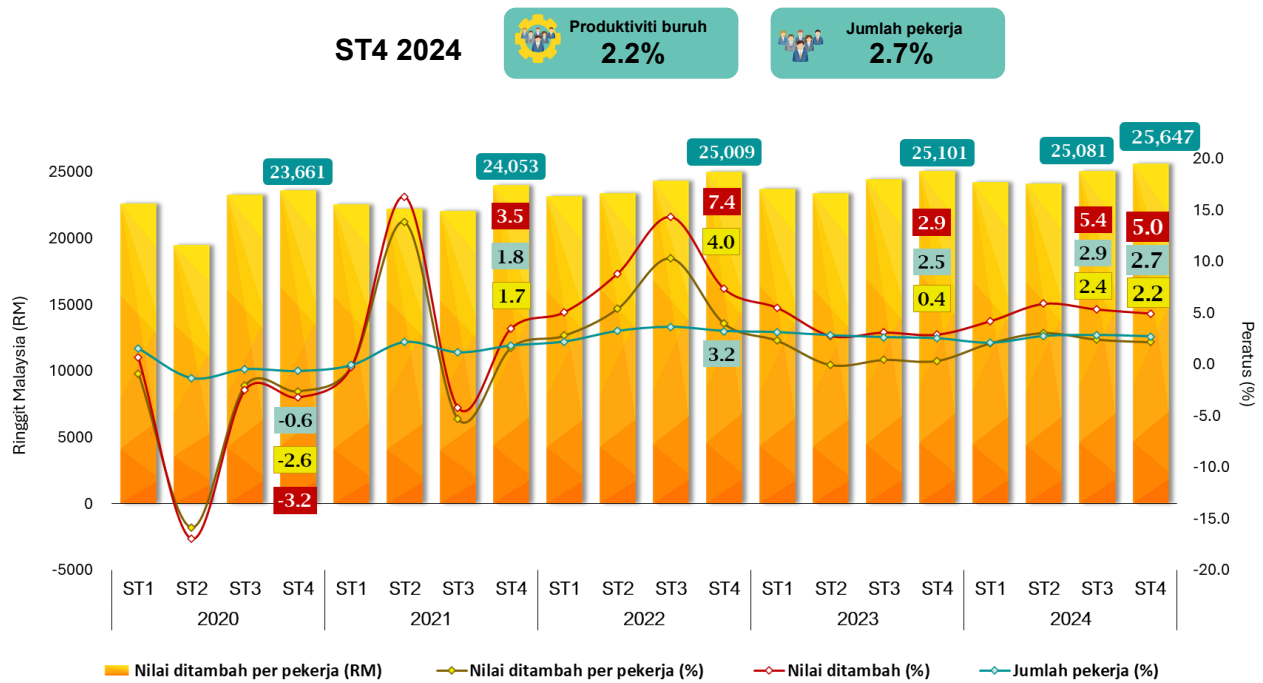
Carta 1: Produktiviti buruh per jam bekerja dan jumlah jam bekerja, perubahan peratusan tahunan, ST1 2022 - ST4 2024



Produktiviti buruh per pekerja mencatatkan peningkatan sebanyak 2.2 peratus pada ST4 2024 untuk merekodkan **nilai ditambah per pekerja sebanyak RM25,647 seorang** (ST3 2024: 2.4%; RM25,081 seorang). Sementara itu, jumlah pekerja menunjukkan pertumbuhan tahun ke tahun sebanyak 2.7 peratus, 16.8 juta orang (ST3 2024: 2.9%; 16.7 juta orang) pada suku keempat 2024. Produktiviti buruh per pekerja bagi tahun 2024 menunjukkan momentum positif pada 2.4 peratus (2023: 0.7%) untuk merekodkan nilai ditambah per pekerja sebanyak RM99,137 seorang (2023: RM96,780 seorang). **[Carta 2]**



Carta 2: Produktiviti buruh per pekerja dan jumlah pekerja, perubahan peratusan tahunan, ST1 2022 - ST4 2024



RINGKASAN PENEMUAN
Summary of Findings

JADUAL
Tables



PERTANIAN

Pada ST4 2024, **produktiviti buruh per jam bekerja** bagi **sektor Pertanian merosot pada negatif 1.8 peratus** bagi merekodkan **nilai ditambah per jam bekerja sebanyak RM25.4 setiap jam** (ST3 2024: 4.1%; RM28.2 setiap jam). Nilai ditambah merekodkan pertumbuhan negatif 0.5 peratus, mencecah nilai RM25,902 juta (ST3 2024: 3.9%; RM29,134 juta). Pada masa yang sama, jumlah jam bekerja meningkat 1.3 peratus bagi mencatatkan 1,022 juta jam (ST3 2024: -0.2%; 1,033 juta jam), manakala purata jam bekerja meningkat 0.1 peratus bagi merekodkan 42.0 jam seminggu (ST3 2024: -1.3%; 41.7 jam seminggu). Pada tahun 2024, produktiviti buruh per jam bekerja bagi sektor ini meningkat 2.3 peratus dengan nilai ditambah per jam bekerja sebanyak RM25.3 setiap jam (2023: -0.8%; RM24.8 setiap jam).

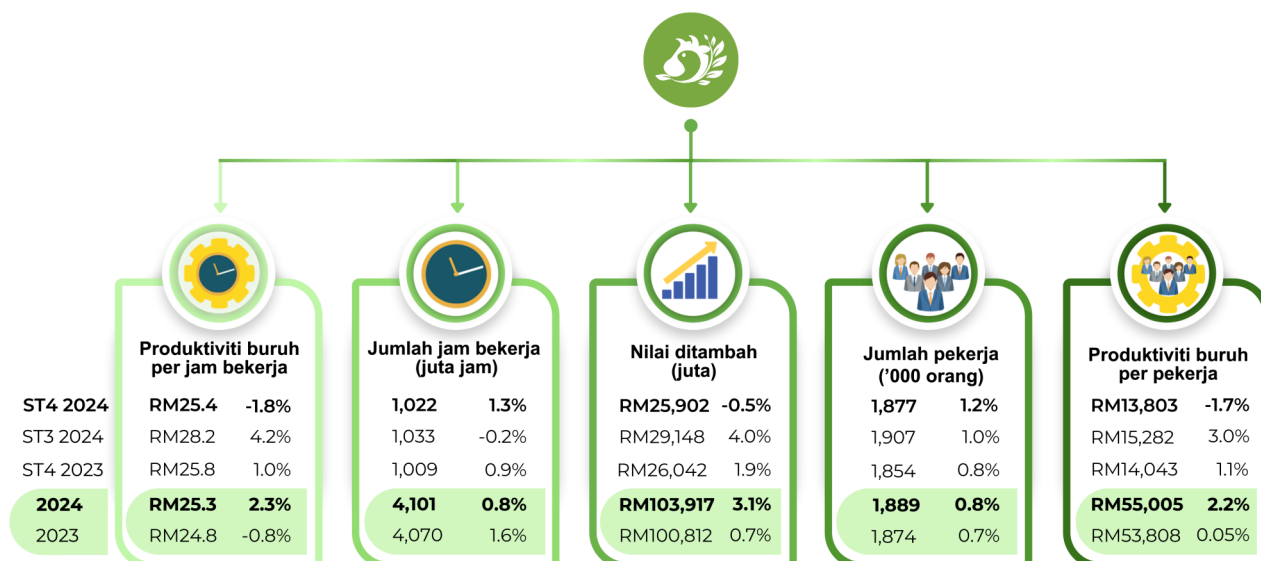
Produktiviti buruh yang dinyatakan sebagai nilai ditambah per pekerja bagi sektor ini **menurun kepada negatif 1.7 peratus** untuk merekodkan **nilai ditambah per pekerja sebanyak RM13,803 seorang** (ST3 2024: 3.0%; RM15,282 seorang) pada suku ini, manakala jumlah pekerja meningkat 1.2 peratus bagi mencatatkan 1,877 ribu orang (ST3 2024: 1.0%; 1,907 ribu orang). Pada tahun 2024, produktiviti buruh per pekerja meningkat 2.2 peratus, mencapai nilai ditambah per pekerja sebanyak RM55,005 seorang (2023: 0.05%; RM53,808 seorang). **[Paparan 1]**

INDEKS
Indices

NOTA TEKNIKAL
Technical Notes



Paparan 1: Produktiviti buruh sektor Pertanian: ST4 2023, ST3 & ST4 2024



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



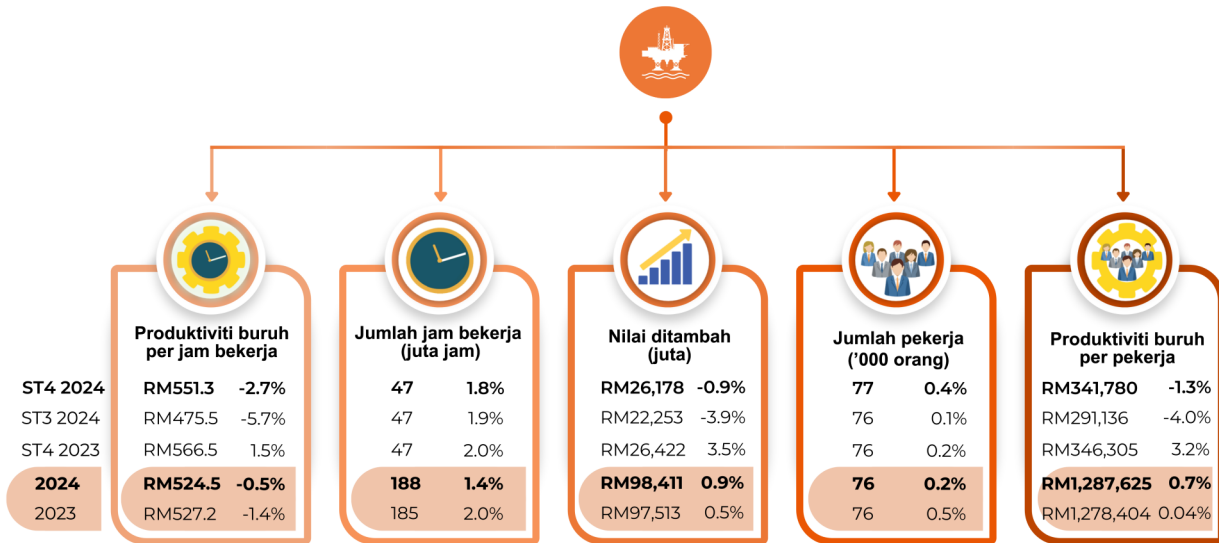
PERLOMBONGAN DAN PENGKUARIAN

Produktiviti buruh per jam bekerja bagi sektor Perlombongan dan pengkuarian pada suku keempat 2024 mencatatkan **penurunan sebanyak 2.7 peratus** dengan **nilai ditambah per jam bekerja sebanyak RM551.3 setiap jam** (ST3 2024: -5.7%; RM475.5 setiap jam). Sementara itu, jumlah jam bekerja meningkat 1.8 peratus bagi mencatatkan 47 juta jam (ST3 2024: 1.9%; 47 juta jam) dengan purata jam bekerja meningkat secara konsisten pada 1.3 peratus untuk merekodkan 48.2 jam seminggu (ST3 2024: 1.6%; 47.9 jam seminggu). Pada tahun 2024, prestasi produktiviti buruh per jam bekerja bagi sektor ini merosot pada negatif 0.5 peratus (2023: -1.4%) dengan nilai ditambah per jam bekerja sebanyak RM524.5 setiap jam (2023: RM527.2 setiap jam).

Produktiviti buruh yang diukur mengikut nilai ditambah per pekerja bagi sektor ini mencatatkan **pertumbuhan negatif 1.3 peratus** bagi merekodkan **nilai ditambah per pekerja sebanyak RM341,780 seorang** (ST3 2024: -4.0%; RM291,136 seorang). Jumlah pekerja juga meningkat 0.4 peratus, mencatatkan jumlah 77 ribu orang (ST3 2024: 0.1%; 76 ribu orang). Pada tahun 2024, produktiviti buruh per pekerja meningkat pada 0.7 peratus bagi mencatatkan nilai ditambah per pekerja sebanyak RM1,287,625 seorang (2023: 0.04%; RM1,278,404 seorang). **[Paparan 2]**



**Paparan 2: Produktiviti buruh sektor Perlombongan dan pengkuarian:
ST4 2023, ST3 & ST4 2024**



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



PEMBUATAN

Pada suku ini, **sektor Pembuatan** merekodkan pertumbuhan dalam **produktiviti buruh per jam bekerja pada 2.4 peratus** dengan **nilai ditambah per jam bekerja sebanyak RM58.2 setiap jam** (ST3 2024: 3.4%; RM57.2 setiap jam) apabila nilai ditambah meningkat 4.4 peratus, mencapai RM99,420 juta (ST3 2024: 5.6%; RM97,422 juta). Jumlah jam bekerja mencatatkan pertumbuhan 2.0 peratus bagi mencatatkan 1,707 juta jam (ST3 2024: 2.1%; 1,704 juta jam) dengan peningkatan 0.5 peratus dalam purata jam bekerja untuk merekodkan RM46.0 jam seminggu (ST3 2024: 0.8%; RM46.1 jam seminggu). Pada tahun 2024, produktiviti buruh per jam bekerja berubah kepada 2.1 peratus daripada negatif 2.8 peratus yang direkodkan pada tahun sebelumnya dengan nilai ditambah per jam bekerja sebanyak RM56.5 setiap jam (2023: RM55.3 setiap jam).

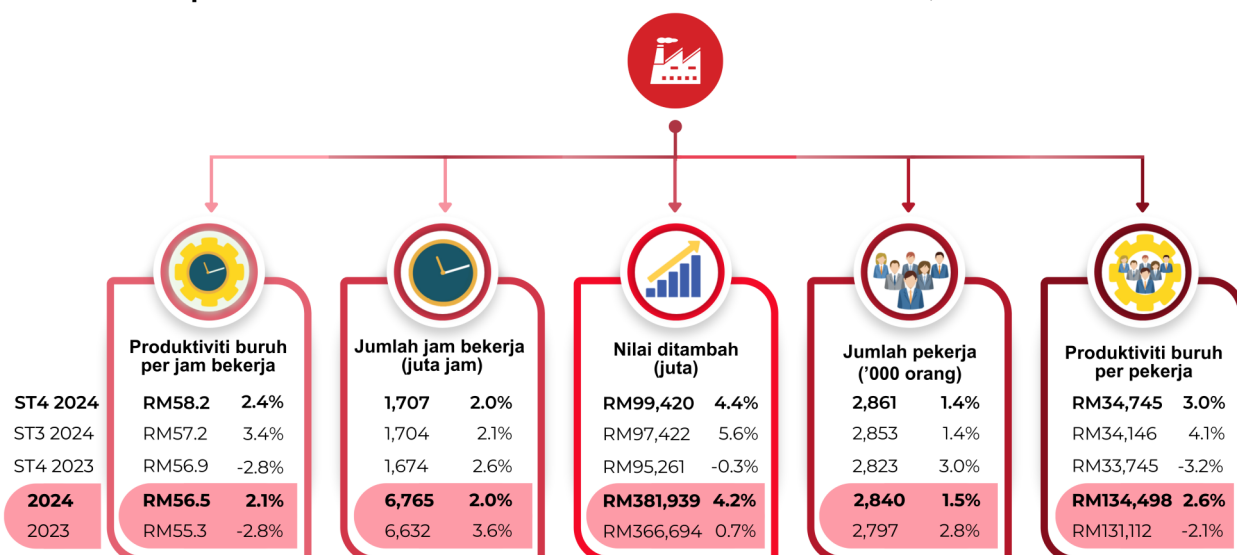
Pertumbuhan bagi sektor Pembuatan pada ST4 2024 adalah disebabkan oleh pengembangan dalam semua subsektornya, termasuk Produk elektrik, elektronik dan optikal (6.6%), Produk kayu, perabot, keluaran kertas dan percetakan (5.1%), Minuman dan produk tembakau (4.3%), Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan (1.8%), Produk mineral bukan logam, logam asas dan produk logam yang direka (1.3%) dan Produk petroleum, kimia, getah dan plastik (0.4%); kecuali Peralatan pengangkutan, pembuatan lain dan pembaikan (-2.6%); dan Produk tekstil, pakaian dan kulit (-1.5%).



Pada masa yang sama, **produktiviti buruh per pekerja** bagi sektor ini menyaksikan **pertumbuhan 3.0 peratus** bagi merekodkan **nilai ditambah per pekerja sebanyak RM34,745 seorang** (ST3 2024: 4.1%; RM34,146 seorang) pada suku ini dengan jumlah pekerja kekal bertumbuh pada 1.4 peratus, mencatatkan 2,861 ribu orang (ST3 2024: 1.4%; 2,853 ribu orang). Sementara itu, produktiviti buruh bagi setiap pekerjaan bagi sektor ini meningkat 2.6 peratus pada tahun 2024 untuk merekodkan nilai ditambah per pekerja sebanyak RM134,498 seorang (2023: -2.1%; RM131,112 seorang).

Prestasi produktiviti buruh per pekerja bagi sektor Pembuatan pada suku keempat 2024 didorong oleh pertumbuhan Produk elektrik, elektronik dan optikal (6.6%), Minuman dan produk tembakau (4.9%), Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan (4.3%), Produk kayu, perabot, keluaran kertas dan percetakan (3.1%), Produk mineral bukan logam, logam asas dan produk logam yang direka (2.4%), Produk petroleum, kimia, getah dan plastik (0.9%) dan Produk tekstil, pakaian dan

Paparan 3: Produktiviti buruh sektor Pembuatan: ST4 2023, ST3 & ST4 2024



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



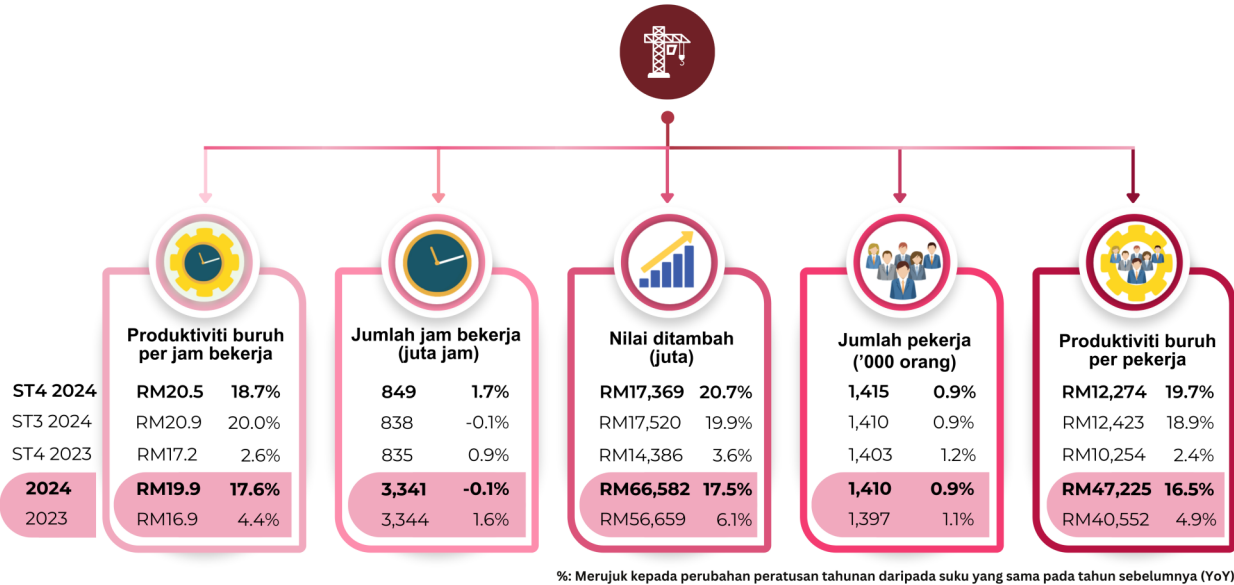
PEMBINAAN

Pada suku keempat 2024, **produktiviti buruh per jam bekerja bagi sektor Pembinaan terus merosot pada 18.7 peratus** untuk merekodkan **nilai ditambah per jam bekerja sebanyak RM20.5 setiap jam** (ST3 2024: 20.0%; RM20.9 setiap jam), manakala jumlah jam bekerja meningkat kepada 1.7 peratus (ST3 2024: -0.1%; 838 juta jam). Sementara itu, purata jam bekerja juga mencatatkan pertumbuhan 0.9 peratus bagi merekodkan 46.3 jam seminggu (ST3 2024: -0.8%; RM45.9 jam seminggu). Di samping itu, pertumbuhan produktiviti buruh per jam bekerja pada 2024 melonjak kepada 17.6 peratus dengan nilai ditambah per jam bekerja sebanyak RM19.9 setiap jam (2023: 4.4%; RM16.9 setiap jam).



Produktiviti buruh yang dinyatakan sebagai **nilai ditambah per pekerja** bagi sektor ini **meningkat 19.7 peratus untuk merekodkan nilai ditambah per pekerja sebanyak RM12,274 seorang** (ST3 2024: 18.9%; RM12,423 seorang) pada suku ini, manakala jumlah pekerja kekal bertumbuh pada 0.9 peratus, mencatatkan 1,415 ribu orang (ST3 2024: 0.9%; 1,410 ribu orang). Sepanjang tahun 2024, produktiviti buruh per pekerja bagi sektor ini meningkat 16.5 peratus untuk merekodkan nilai ditambah per pekerja sebanyak RM47,225 seorang (2023: 4.9%; RM40,552 seorang). **[Paparan 4]**

Paparan 4: Produktiviti buruh sektor Pembinaan: ST4 2023, ST3 & ST4 2024



PERKHIDMATAN

Pada ST4 2024, **sektor Perkhidmatan** menunjukkan **peningkatan dalam produktiviti buruh per jam bekerja pada 0.9 peratus** dengan **nilai ditambah per jam bekerja sebanyak RM41.9 setiap jam** (ST3 2024: 1.4%; RM40.9 setiap jam) nilai ditambah meningkat pada 5.5 peratus atau bersamaan dengan RM256,537 juta (ST3 2024; 5.2%; RM247,610 juta). Dalam pada itu, jumlah jam bekerja juga meningkat 4.6 peratus, mencecah 6,122 juta jam (ST3 2024: 3.8%; 6,050 juta jam) dengan purata jam bekerja meningkat 0.8 peratus bagi merekodkan 44.8 jam seminggu (ST3 2024: -0.2%; 44.7 jam seminggu). Pada tahun 2024, produktiviti buruh per jam bekerja bertumbuh 1.3 peratus dengan nilai ditambah per jam bekerja sebanyak RM40.6 setiap jam (2023: 1.0%; RM40.1 setiap jam).

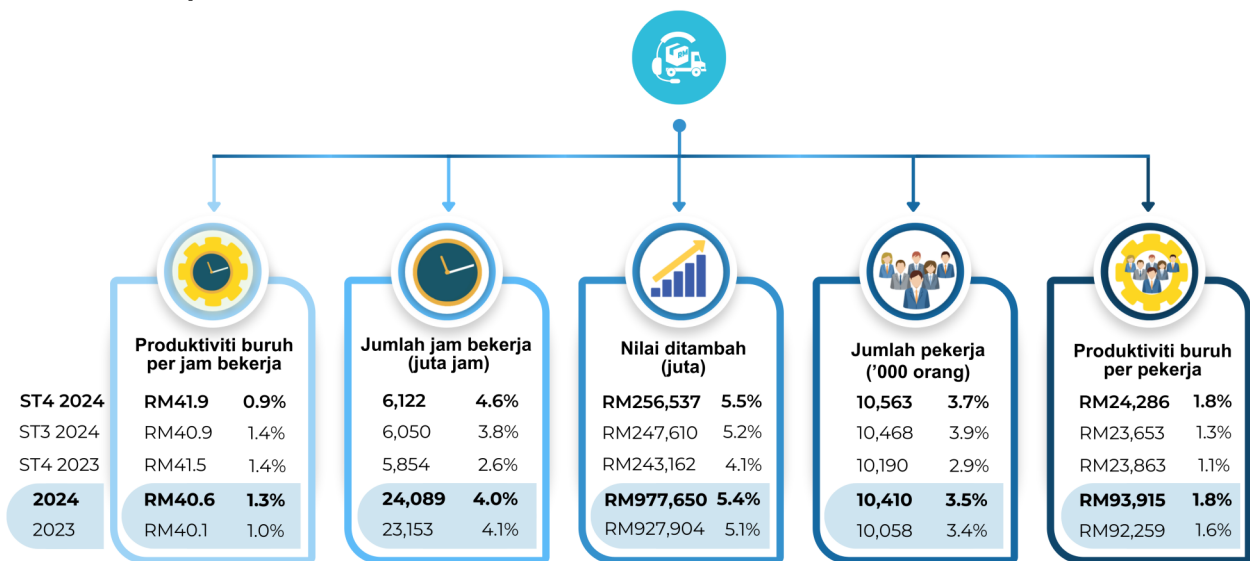
Prestasi produktiviti buruh per jam bekerja bagi sektor Perkhidmatan pada suku keempat 2024 didorong oleh pertumbuhan dalam subsektor Pengangkutan dan penyimpanan (7.6%), Hartanah dan perkhidmatan perniagaan (6.1%), Kewangan dan insurans (3.2%), Perkhidmatan lain (1.7%), dan Maklumat dan komunikasi (0.7%), manakala tiga (3) subsektor menunjukkan pertumbuhan negatif iaitu Utiliti (-1.5%), Perdagangan borong dan runcit (-0.5%) dan Makanan & minuman dan penginapan (-0.5%).



Produktiviti buruh per pekerja pada suku keempat 2024 bagi sektor ini **meningkat 1.8 peratus** dengan **nilai ditambah per jam bekerja sebanyak RM24,286 setiap jam** (ST3 2024: 1.3 %; RM23,653 setiap jam) apabila jumlah pekerja meningkat 3.7 peratus bagi merekodkan 10,563 ribu orang (ST3 2024: 3.9%: 10,468 ribu orang).

Pertumbuhan produktiviti buruh per pekerja bagi sektor Perkhidmatan pada ST4 2024 adalah disebabkan oleh pengembangan dalam kebanyakan subsektornya, iaitu Hartanah dan perkhidmatan perniagaan (6.1%), Pengangkutan dan penyimpanan (5.7%), Kewangan dan insurans (3.7%); Perkhidmatan lain (2.9%), Makanan & minuman dan penginapan (1.3%), Maklumat dan komunikasi (1.2%) dan Perdagangan borong dan runcit (0.6%); kecuali Utiliti (-4.1%). **[Paparan 5]**

Paparan 5: Produktiviti buruh sektor Perkhidmatan: ST4 2023, ST3 & ST4 2024



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



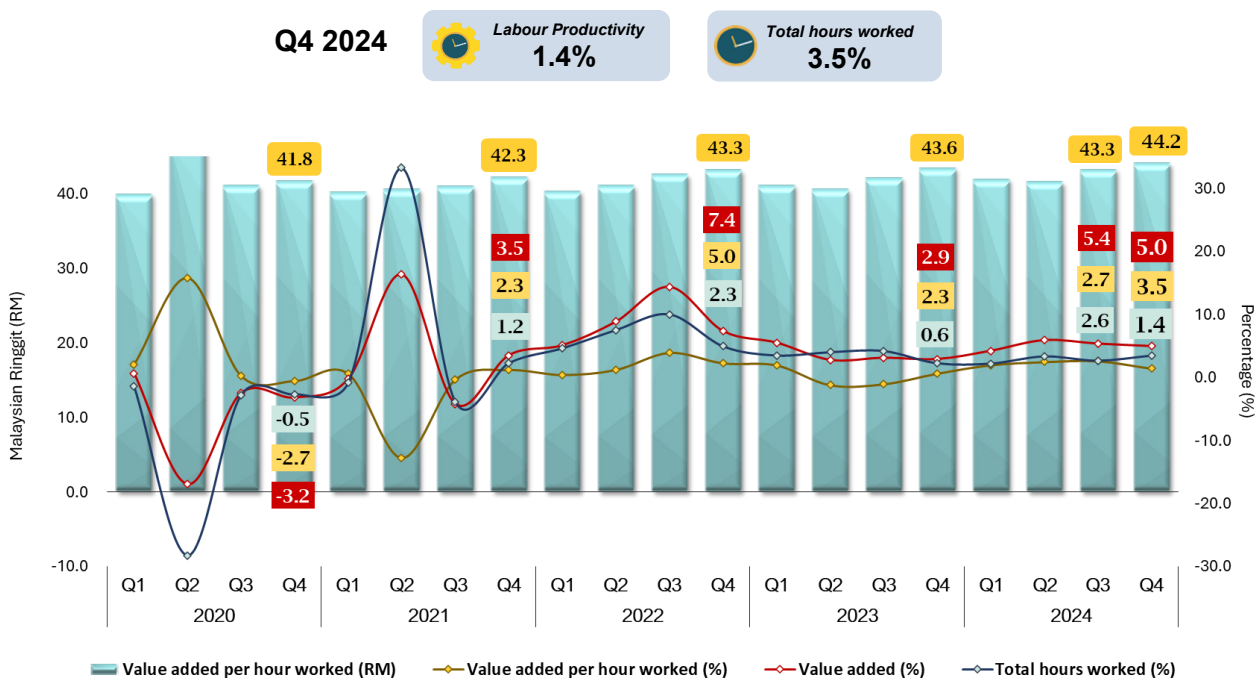
LABOUR PRODUCTIVITY PERFORMANCE OF FOURTH QUARTER 2024



MALAYSIA'S LABOUR PRODUCTIVITY

Malaysia's economy grew 5.0 per cent in the fourth quarter of 2024, reaching value added of RM430,686 million (Q3 2024: 5.4%; RM419,168 million). In the meantime, **labour productivity per hour worked in Q4 2024 increased 1.4 per cent with value added per hour worked at RM44.2 per hour** (Q3 2024: 2.6%; RM43.3 per hour). This was contributed by the 3.5 per cent increase in the total hours worked to register 9.7 billion hours (Q3 2024: 2.7%, 9.7 billion hours). Overall, the performance of labour productivity per hour worked for the year 2024 accelerated 2.1 per cent (2023: 0.1%) with value added per hour worked at RM42.8 per hour (2023: RM41.9 per hour). **[Chart 1]**

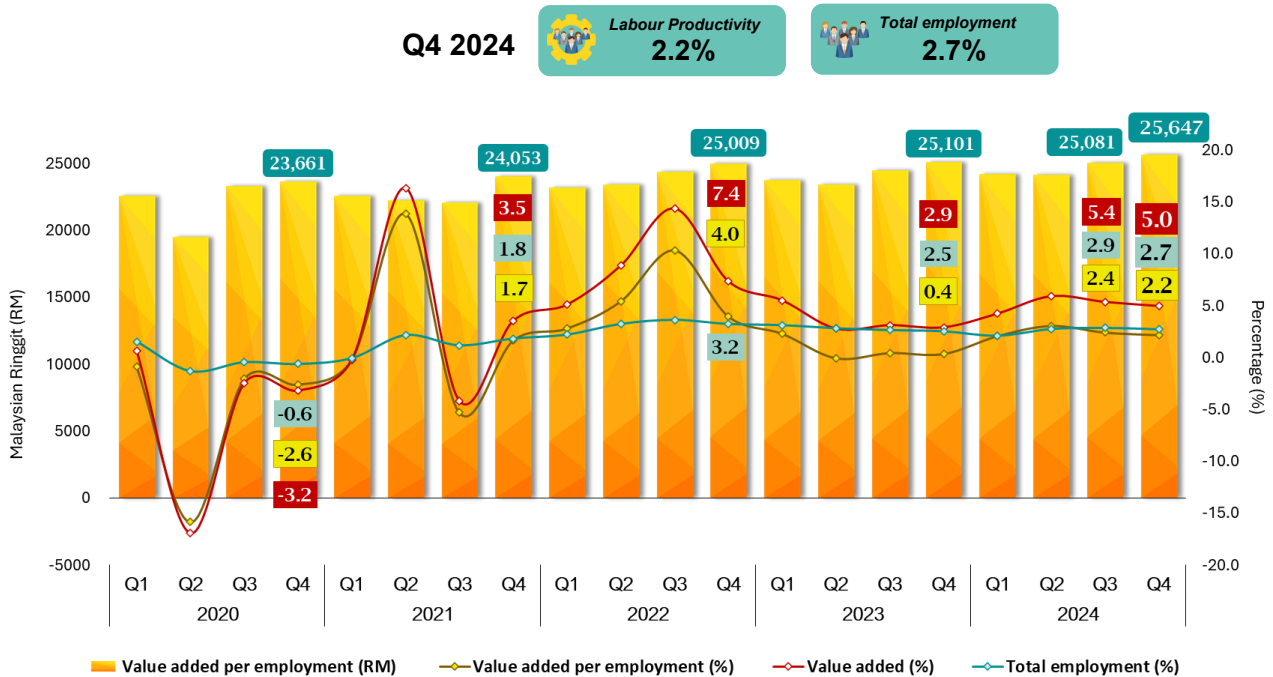
Chart 1: Labour productivity per hour worked and total hours worked, annual percentage change, Q1 2022 – Q4 2024



Labour productivity per employment posted an increase of 2.2 per cent in Q4 2024 to record value added per employment at RM25,647 per person (Q3 2024: 2.4%; RM25,081 per person). Meanwhile, the total number of employment indicates a year-on-year growth of 2.7 per cent, 16.8 million persons (Q3 2024: 2.9%; 16.7 million persons) in the fourth quarter of 2024. Labour productivity per employment for the year of 2024 demonstrated a positive momentum at 2.4 per cent (2023: 0.7%) to record value added per employment at RM99,137 per person (2023: RM96,780 per person). **[Chart 2]**



Chart 2: Labour productivity per employment and total employment, annual percentage change, Q1 2022 – Q4 2024



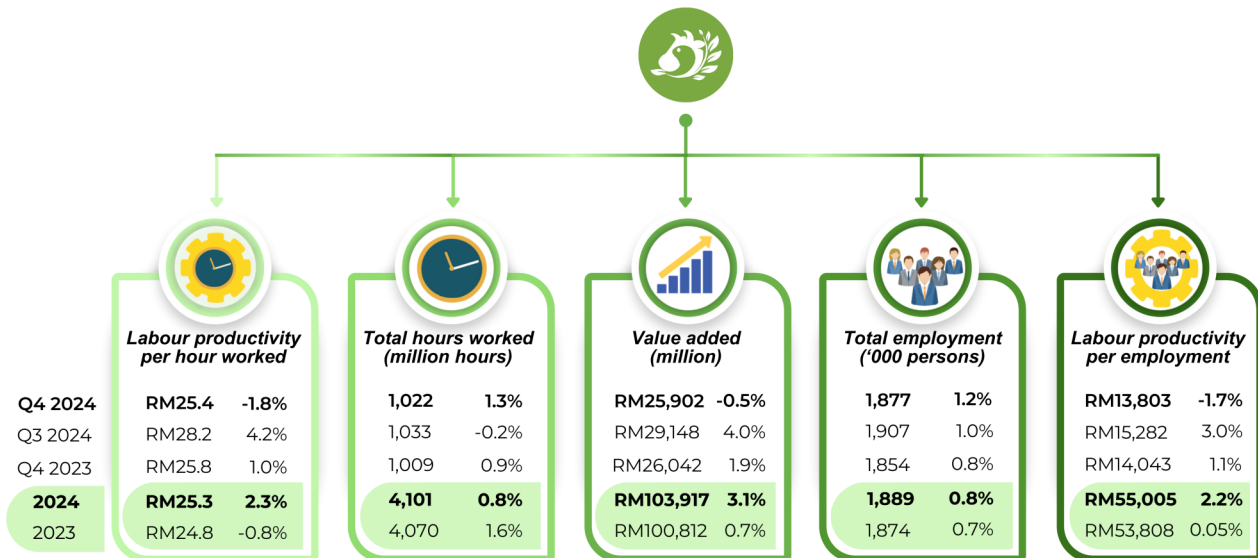
AGRICULTURE

In Q4 2024, the Agriculture sector’s labour productivity per hour worked declined at a negative 1.8 per cent to record value added per hour worked at RM25.4 per hour (Q3 2024: 4.1%; RM28.2 per hour). The value added recorded a negative 0.5 per cent growth, reaching a value of RM25,902 million (Q3 2024: 3.9%; RM29,134 million). Simultaneously, the total hours worked increased 1.3 per cent to register 1,022 million hours (Q3 2024: -0.2%; 1,033 million hours), while average hours worked rose 0.1 per cent to record 42.0 hours per week (Q3 2024: -1.3%; 41.7 hours per week). In 2024, the labour productivity per hour worked for this sector increased 2.3 per cent with value added per hour worked at RM25.3 per hour (2023: -0.8%; RM24.8 per hour).

The labour productivity expressed as value added per employment for this sector dropped to negative 1.7 per cent to record value added per employment at RM13,803 per person (Q3 2024: 3.0%; RM15,282 per person) during this quarter, while the total number of employment grew 1.2 per cent to post 1,877 thousand persons (Q3 2024: 1.0%; 1,907 thousand persons). In 2024, labour productivity per employment increased 2.2 per cent, reaching value added per employment of RM55,005 per person (2023: 0.05%; RM53,808 per person). [Exhibit 1]



Exhibit 1: Labour productivity of Agriculture sector: Q4 2023, Q3 & Q4 2024



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



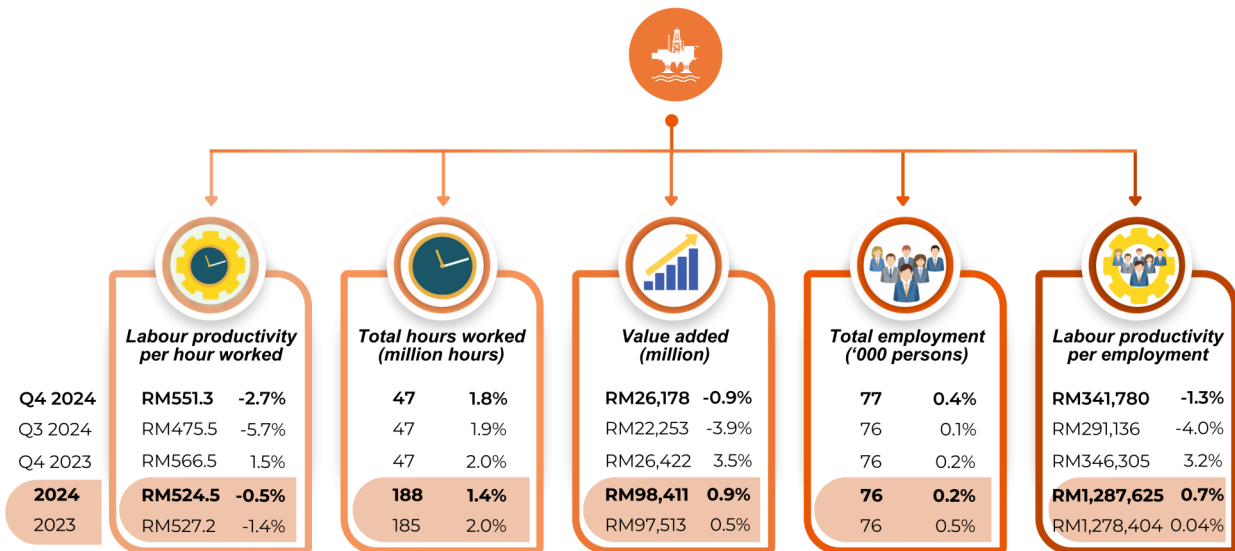
MINING & QUARRYING

Labour productivity per hour worked for the Mining and quarrying sector in the fourth quarter of 2024 posted a decrease of 2.7 per cent with value added per hour worked at RM551.3 per hour (Q3 2024: -5.7%; RM475.5 per hour). Meanwhile, total hours worked increased 1.8 per cent to post 47 million hours (Q3 2024: 1.9%; 47 million hours) with average hours worked consistently growing at 1.3 per cent to record 48.2 hours per week (Q3 2024: 1.6%; 47.9 hours per week). In 2024, the performance of labour productivity per hour worked for this sector slumped at a negative 0.5 per cent (2023: -1.4%) with value added per hour worked at RM524.5 per hour (2023: RM527.2 per hour).

Labour productivity measured by value added per employment for this sector posted a negative growth of 1.3 per cent to record value added per employment at RM341,780 per person (Q3 2024: -4.0%; RM291,136 per person). The total number of employment also increased 0.4 per cent, registered a total of 77 thousand persons (Q3 2024: 0.1%; 76 thousand persons). In 2024, labour productivity per employment stood at 0.7 per cent to post value added per employment at RM1,287,625 per person (2023: 0.04%; RM1,278,404 per person). [Exhibit 2]



Exhibit 2: Labour productivity of Mining and quarrying sector: Q4 2023, Q3 & Q4 2024



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



MANUFACTURING

During this quarter, the **Manufacturing sector recorded growth in labour productivity per hour worked at 2.4 per cent with value added per hour worked at RM58.2 per hour** (Q3 2024: 3.4%; RM57.2 per hour) as value added increased 4.4 per cent, reaching RM99,420 million (Q3 2024: 5.6%; RM97,422 million). The total hours worked posted 2.0 per cent growth to register 1,707 million hours (Q3 2024: 2.1%; 1,704 million hours) with 0.5 per cent increase in average hours worked to record RM46.0 hours per week (Q3 2024: 0.8%; RM46.1 hours per week). In 2024, labour productivity per hour worked rebounded to 2.1 per cent from a negative 2.8 per cent recorded in the previous year with value added per hour worked at RM56.5 per hour (2023: RM55.3 per hour).

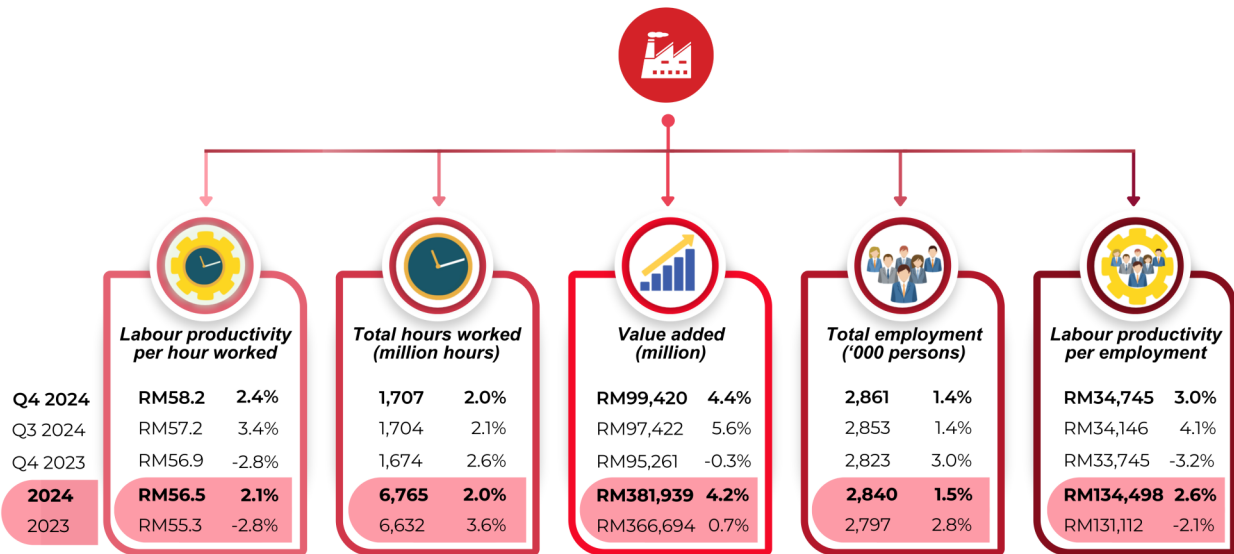
The growth for the Manufacturing sector in Q4 2024 was due to expansion across all of its subsectors, including Electrical, electronic and optical products (6.6%), Wood products, furniture, paper products and printing (5.1%), Beverages and tobacco products (4.3%), Vegetable and animal oils & fats and food processing (1.8%), Non-metallic mineral products, basic metal and fabricated metal products (1.3%) and Petroleum, chemical, rubber and plastic product (0.4%); except for Transport equipment, other manufacturing and repair (-2.6%) and Textiles, wearing apparel and leather products (-1.5%).

At the same time, **labour productivity per employment for this sector saw a 3.0 per cent growth to record value added per employment at RM34,745 per person** (Q3 2024: 4.1%; RM34,146 per person) during this quarter, with total employment sustained at 1.4 per cent, registered 2,861 thousand persons (Q3 2024: 1.4%; 2,853 thousand persons). Meanwhile, labour productivity per employment for this sector increased 2.6 per cent in 2024 to record value added per employment at RM134,498 per person (2023: -2.1%; RM131,112 per person).



The performance in labour productivity per employment for the Manufacturing sector in the fourth quarter of 2024 was fuelled by the growth of Electrical, electronic and optical products (6.6%), Beverages and tobacco products (4.9%), Vegetable and animal oils & fats and food processing (4.3%), Wood products, furniture, paper products and printing (3.1%), Non-metallic mineral products, basic metal and fabricated metal products (2.4%), Petroleum, chemical, rubber and plastic products (0.9%) and Textiles, wearing apparel and leather products (0.7%); except for Transport equipment, other manufacturing and repair (-3.2%). **[Exhibit 3]**

Exhibit 3: Labour productivity of Manufacturing sector: Q4 2023, Q3 & Q4 2024



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



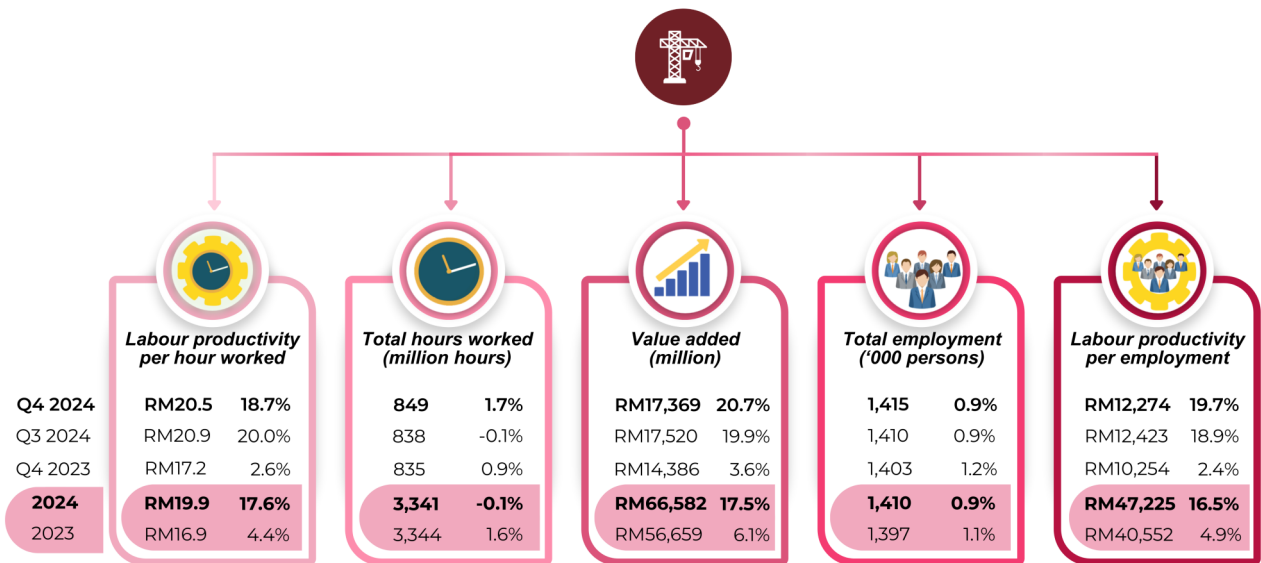
CONSTRUCTION

In the fourth quarter of 2024, labour productivity per hour worked for the Construction sector further declined at 18.7 per cent to record value added per hour worked at RM20.5 per hour (Q3 2024: 20.0%; RM20.9 per hour), while the total hours worked increased to 1.7 per cent (Q3 2024: -0.1%; 838 million hours). Meanwhile, the average hours worked also posted a growth of 0.9 per cent to record 46.3 hours per week (Q3 2024: -0.8%; RM45.9 hours per week). In addition, the growth of labour productivity per hour worked for 2024 soared to 17.6 per cent with value added per hour worked at RM19.9 per hour (2023: 4.4%; RM16.9 per hour).

The labour productivity expressed as value added per employment for this sector increased 19.7 per cent to record value added per employment at RM12,274 per person (Q3 2024: 18.9%; RM12,423 per person) during this quarter, while the total number of employment sustained at 0.9 per cent, registered 1,415 thousand persons (Q3 2024: 0.9%; 1,410 thousand persons). Throughout 2024, labour productivity per employment for this sector increased 16.5 per cent to record value added per employment at RM47,225 per person (2023: 4.9%; RM40,552 per person). **[Exhibit 4]**



Exhibit 4: Labour productivity of Construction sector: Q4 2023, Q3 & Q4 2024



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



SERVICES

In Q4 2024, the Services sector showed an increase in labour productivity per hour worked at 0.9 per cent with value added per hour worked at RM41.9 per hour (Q3 2024: 1.4%; RM40.9 per hour) as value added grew at 5.5 per cent or equivalent to RM256,537 million (Q3 2024: 5.2%; RM247,610 million). In the meantime, the total hours worked also increased 4.6 per cent, reaching 6,122 million hours (Q3 2024: 3.8%; 6,050 million hours), with average hours worked rose 0.8 per cent to record 44.8 hours per week (Q3 2024: -0.2%; 44.7 hours per week). In 2024, labour productivity per hour worked grew 1.3 per cent with value added per hour worked at RM40.6 per hour (2023: 1.0%; RM40.1 per hour).

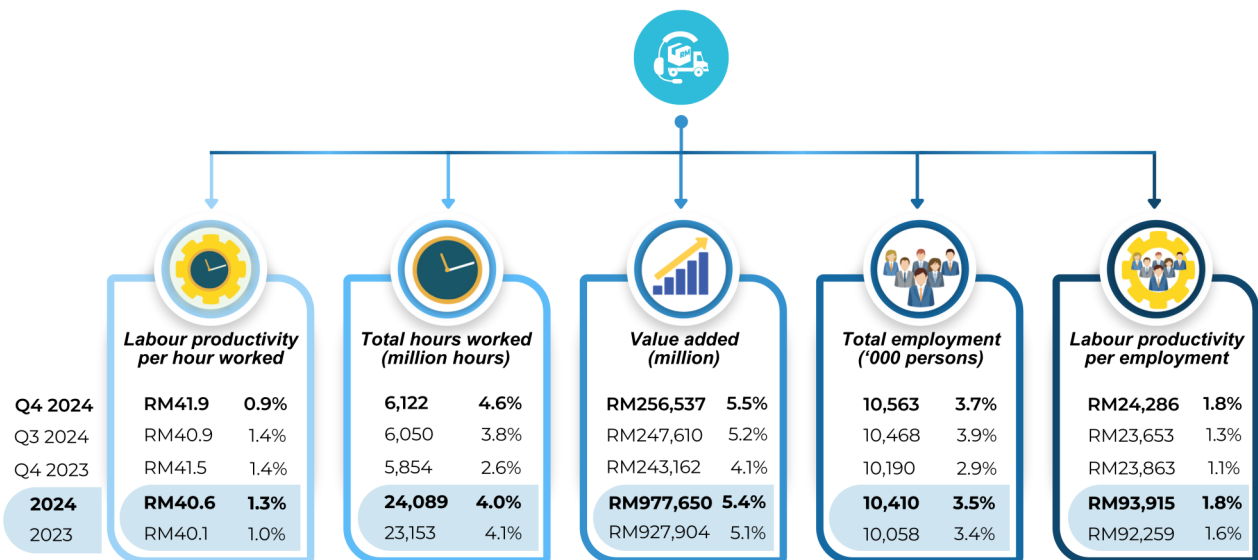
The performance in labour productivity per hour worked for the Services sector in the fourth quarter of 2024 was propelled by the growth in Transportation and storage (7.6%), Real estate and business services (6.1%), Finance and insurance (3.2%), Other services (1.7%), and Information and communication (0.7%), whereas three (3) subsectors demonstrated negative growth, namely Utilities (-1.5%), Wholesale and retail trade (-0.5%) and Food & beverages and accommodation (-0.5%).



The **labour productivity per employment** in the fourth quarter of 2024 for this sector **rose 1.8 per cent with value added per hour worked at RM24,286 per hour** (Q3 2024: 1.3 %; RM23,653 per hour) as the total number of employment increased 3.7 per cent to record 10,563 thousand persons (Q3 2024: 3.9%: 10,468 thousand persons).

The growth in the labour productivity per employment for the Services sector in Q4 2024 was due to expansion in most of its subsectors, namely Real estate and business services (6.1%), Transportation and storage (5.7%), Finance and insurance (3.7%), Other services (2.9%), Food & beverages and accommodation (1.3%), Information and communication (1.2%) and Wholesale and retail trade (0.6%); except for Utilities (-4.1%). **[Exhibit 5]**

Exhibit 5: Labour productivity of Services sector: Q4 2023, Q3 & Q4 2024



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



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JADUAL

Tables

1a Produktiviti buruh tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi, 2020 - 2024
Annual labour productivity, value added per hour worked by economic activity, 2020 - 2024

		(RM)				
Aktiviti ekonomi <i>Economic activity</i>		2020	2021	2022 ^e	2023 ^p	2024
1.	Pertanian <i>Agriculture</i>	26.2	25.0	25.0	24.8	25.3
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	554.4	536.6	534.7	527.2	524.5
3.	Pembuatan <i>Manufacturing</i>	55.2	56.9	56.9	55.3	56.5
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	32.5	31.0	29.5	29.3	29.7
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	184.7	191.3	214.3	216.9	215.6
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	10.8	11.2	10.9	11.3	11.5
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	30.8	32.1	30.8	29.3	30.9
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	95.4	100.3	97.2	94.1	93.0
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	40.3	40.0	40.4	41.5	43.9
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	72.4	76.4	80.4	75.5	77.9
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	73.1	68.3	70.8	69.7	69.6
4.	Pembinaan <i>Construction</i>	18.0	16.5	16.2	16.9	19.9
5.	Perkhidmatan <i>Services</i>	39.9	38.4	39.7	40.1	40.6
5.1	Utiliti <i>Utilities</i>	168.4	165.4	158.0	157.4	158.1
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	41.0	39.6	41.2	42.6	42.9
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	10.8	9.0	11.2	11.1	11.1
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	36.3	34.2	39.7	42.9	46.4
5.5	Maklumat dan komunikasi <i>Information and communication</i>	170.0	163.5	160.4	161.2	160.1
5.6	Kewangan dan insurans <i>Finance and insurance</i>	119.8	125.4	126.7	119.9	120.1
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	23.8	20.9	24.1	25.0	26.5
5.8	Perkhidmatan lain <i>Other services</i>	35.1	33.8	34.0	35.0	35.5
Produktiviti buruh <i>Labour productivity</i>		42.1	41.1	41.9	41.9	42.8



1b Produktiviti buruh tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi, 2020 - 2024:
 Perubahan peratusan tahunan
Annual labour productivity, value added per hour worked by economic activity, 2020 - 2024:
Annual percentage change

		(%)				
Aktiviti ekonomi <i>Economic activity</i>		2020	2021	2022 ^e	2023 ^p	2024
1.	Pertanian <i>Agriculture</i>	1.7	-4.7	-0.1	-0.8	2.3
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-0.3	-3.2	-0.4	-1.4	-0.5
3.	Pembuatan <i>Manufacturing</i>	6.9	3.0	-0.03	-2.8	2.1
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	6.9	-4.7	-4.9	-0.4	1.1
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	-1.5	3.6	12.0	1.2	-0.6
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	-10.9	3.5	-2.2	3.1	1.8
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	8.5	4.4	-4.1	-4.9	5.6
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	5.2	5.2	-3.1	-3.2	-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>	-3.3	-0.8	0.9	2.8	5.7
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	13.8	5.6	5.2	-6.1	3.2
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	13.0	-6.6	3.6	-1.6	-0.1
4.	Pembinaan <i>Construction</i>	-5.0	-8.3	-1.9	4.4	17.6
5.	Perkhidmatan <i>Services</i>	3.5	-3.9	3.4	1.0	1.3
5.1	Utiliti <i>Utilities</i>	7.3	-1.8	-4.5	-0.4	0.5
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	3.0	-3.4	3.9	3.4	0.6
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	-17.1	-17.4	25.5	-1.4	-0.1
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	-10.6	-5.8	16.3	8.0	8.2
5.5	Maklumat dan komunikasi <i>Information and communication</i>	12.2	-3.8	-1.9	0.5	-0.6
5.6	Kewangan dan insurans <i>Finance and insurance</i>	10.8	4.7	1.0	-5.3	0.2
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	-6.7	-12.2	15.2	3.9	6.1
5.8	Perkhidmatan lain <i>Other services</i>	5.7	-3.9	0.7	2.8	1.5
Produktiviti buruh <i>Labour productivity</i>		3.6	-2.4	2.0	0.1	2.1

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2a Produktiviti buruh tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, 2020 - 2024
Annual labour productivity, value added per employment by economic activity, 2020 - 2024

		(RM)				
Aktiviti ekonomi <i>Economic activity</i>		2020	2021	2022 ^e	2023 ^p	2024
1.	Pertanian <i>Agriculture</i>	53,116	52,756	53,783	53,808	55,005
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	1,259,637	1,249,966	1,277,833	1,278,404	1,287,625
3.	Pembuatan <i>Manufacturing</i>	120,550	128,618	133,899	131,112	134,498
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	68,894	67,149	66,612	66,252	67,783
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	427,487	438,035	503,386	515,910	542,949
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	21,651	22,343	22,784	23,819	24,180
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	67,100	71,279	74,559	71,457	73,869
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	219,726	239,613	236,029	231,386	233,705
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>	90,335	92,931	97,327	100,105	105,126
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	158,781	177,409	193,619	183,882	191,193
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	156,980	157,561	170,429	168,434	169,220
4.	Pembinaan <i>Construction</i>	38,322	36,696	38,647	40,552	47,225
5.	Perkhidmatan <i>Services</i>	84,480	85,150	90,781	92,259	93,915
5.1	Utiliti <i>Utilities</i>	364,038	370,303	370,742	377,436	371,384
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	89,378	89,380	96,592	100,111	100,954
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	22,471	19,874	25,409	25,225	25,163
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	78,090	79,635	96,061	103,902	110,423
5.5	Maklumat dan komunikasi <i>Information and communication</i>	366,574	379,101	382,741	378,558	381,032
5.6	Kewangan dan insurans <i>Finance and insurance</i>	255,361	282,493	284,313	272,529	280,353
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	51,695	47,550	56,627	59,933	63,827
5.8	Perkhidmatan lain <i>Other services</i>	71,869	71,782	74,429	77,008	79,438
Produktiviti buruh <i>Labour productivity</i>		89,179	90,968	96,061	96,780	99,137



2b Produktiviti buruh tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, 2020 - 2024:
 Perubahan peratusan tahunan
Annual labour productivity, value added per employment by economic activity, 2020 - 2024:
Annual percentage change

		(%)				
Aktiviti ekonomi <i>Economic activity</i>		2020	2021	2022 ^e	2023 ^p	2024
1.	Pertanian <i>Agriculture</i>	-2.0	-0.7	1.9	0.05	2.2
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-7.6	-0.8	2.2	0.04	0.7
3.	Pembuatan <i>Manufacturing</i>	-2.7	6.7	4.1	-2.1	2.6
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	-0.6	-2.5	-0.8	-0.5	2.3
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	-8.9	2.5	14.9	2.5	5.2
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	-12.6	3.2	2.0	4.5	1.5
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	-5.0	6.2	4.6	-4.2	3.4
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	-2.9	9.1	-1.5	-2.0	1.0
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>	-13.2	2.9	4.7	2.9	5.0
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	2.4	11.7	9.1	-5.0	4.0
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	-0.6	0.4	8.2	-1.2	0.5
4.	Pembinaan <i>Construction</i>	-15.6	-4.2	5.3	4.9	16.5
5.	Perkhidmatan <i>Services</i>	-5.7	0.8	6.6	1.6	1.8
5.1	Utiliti <i>Utilities</i>	-1.8	1.7	0.1	1.8	-1.6
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	-6.9	0.002	8.1	3.6	0.8
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	-26.4	-11.6	27.8	-0.7	-0.2
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	-21.5	2.0	20.6	8.2	6.3
5.5	Maklumat dan komunikasi <i>Information and communication</i>	2.7	3.4	1.0	-1.1	0.7
5.6	Kewangan dan insurans <i>Finance and insurance</i>	2.5	10.6	0.6	-4.1	2.9
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	-15.3	-8.0	19.1	5.8	6.5
5.8	Perkhidmatan lain <i>Other services</i>	-0.8	-0.1	3.7	3.5	3.2
Produktiviti buruh <i>Labour productivity</i>		-5.3	2.0	5.6	0.7	2.4

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3a Produktiviti buruh tahunan, nilai ditambah per jam bekerja mengikut 11 subsektor keutamaan, 2020 - 2024
Annual labour productivity, value added per hour worked by 11 priority subsectors, 2020 - 2024

		(RM)				
Aktiviti ekonomi <i>Economic activity</i>		2020	2021	2022 ^e	2023 ^p	2024
1.	Agromakanan <i>Agro-food</i>	48.2	47.5	46.0	46.4	48.4
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	121.9	133.0	129.0	128.5	125.8
3.	Elektrik dan elektronik <i>Electrical and electronics</i>	80.9	85.4	89.8	83.1	85.3
4.	Mesin dan peralatan <i>Machinery and equipment</i>	38.8	40.8	41.0	41.0	43.9
5.	Pembinaan & alam bina <i>Construction & built environment</i>	18.0	16.5	16.2	16.9	19.9
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	20.0	18.9	20.8	20.7	20.7
7.	Logistik <i>Logistic</i>	36.6	34.5	38.8	41.7	45.3
8.	Pelancongan <i>Tourism</i>	19.0	14.2	29.3	35.1	37.8
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	170.0	163.5	160.4	161.2	160.1
10.	Perkhidmatan professional <i>Professional services</i>	38.0	33.6	37.1	38.5	40.5
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	26.7	28.7	29.5	30.8	32.2
Produktiviti buruh <i>Labour productivity</i>		34.7	34.0	35.6	35.7	36.9



3b Produktiviti buruh tahunan, nilai ditambah per jam bekerja mengikut 11 subsektor keutamaan, 2020 - 2024:
 Perubahan peratusan tahunan
*Annual labour productivity, value added per hour worked by 11 priority subsectors, 2020 - 2024:
 Annual percentage change*

		(%)				
Aktiviti ekonomi <i>Economic activity</i>		2020	2021	2022 ^e	2023 ^p	2024
1.	Agromakanan <i>Agro-food</i>	5.1	-1.5	-3.2	1.0	4.1
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	2.2	9.1	-3.0	-0.4	-2.1
3.	Elektrik dan elektronik <i>Electrical and electronics</i>	15.8	5.5	5.1	-7.4	2.5
4.	Mesin dan peralatan <i>Machinery and equipment</i>	6.7	5.2	0.4	-0.1	7.0
5.	Pembinaan & alam bina <i>Construction & built environment</i>	-5.0	-8.3	-1.9	4.4	17.6
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	-1.4	-5.8	10.3	-0.3	-0.2
7.	Logistik <i>Logistic</i>	-9.4	-5.8	12.4	7.5	8.7
8.	Pelancongan <i>Tourism</i>	-37.6	-25.6	106.8	19.9	7.6
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	12.2	-3.8	-1.9	0.5	-0.6
10.	Perkhidmatan professional <i>Professional services</i>	1.1	-11.5	10.5	3.7	5.3
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	-1.4	7.2	2.8	4.4	4.7
Produktiviti buruh <i>Labour productivity</i>		3.4	-2.1	4.8	0.3	3.2

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4a Produktiviti buruh tahunan, nilai ditambah per pekerja mengikut 11 subsektor keutamaan, 2020 - 2024
Annual labour productivity, value added per employment by 11 priority subsectors, 2020 - 2024

		(RM)				
	Aktiviti ekonomi <i>Economic activity</i>	2020	2021	2022^e	2023^p	2024
1.	Agromakanan <i>Agro-food</i>	91,154	93,744	94,121	95,470	97,563
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	276,827	304,930	311,678	313,588	304,430
3.	Elektrik dan elektronik <i>Electrical and electronics</i>	177,044	198,152	216,194	201,877	209,706
4.	Mesin dan peralatan <i>Machinery and equipment</i>	86,229	94,599	99,067	101,288	106,487
5.	Pembinaan & alam bina <i>Construction & built environment</i>	38,322	36,696	38,647	40,552	47,225
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	42,740	42,056	47,634	47,750	47,697
7.	Logistik <i>Logistic</i>	80,437	81,150	94,848	101,447	108,796
8.	Pelancongan <i>Tourism</i>	38,124	29,657	68,514	83,128	90,811
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	366,574	379,101	382,741	378,558	381,223
10.	Perkhidmatan profesional <i>Professional services</i>	78,014	75,019	83,734	89,357	94,568
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	57,991	63,529	67,833	71,696	75,183
Produktiviti buruh <i>Labour productivity</i>		73,537	75,577	82,381	83,107	85,605



4b Produktiviti buruh tahunan, nilai ditambah per pekerja mengikut 11 subsektor keutamaan, 2020 - 2024:
 Perubahan peratusan tahunan
Annual labour productivity, value added per employment by 11 priority subsectors, 2020 - 2024:
Annual percentage change

		(%)				
	Aktiviti ekonomi <i>Economic activity</i>	2020	2021	2022 ^e	2023 ^p	2024
1.	Agromakanan <i>Agro-food</i>	-0.2	2.8	0.4	1.4	2.2
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	-4.0	10.2	2.2	0.6	-2.9
3.	Elektrik dan elektronik <i>Electrical and electronics</i>	3.9	11.9	9.1	-6.6	3.9
4.	Mesin dan peralatan <i>Machinery and equipment</i>	-2.5	9.7	4.7	2.2	5.1
5.	Pembinaan & alam bina <i>Construction & built environment</i>	-15.6	-4.2	5.3	4.9	16.5
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	-10.6	-1.6	13.3	0.2	-0.1
7.	Logistik <i>Logistic</i>	-18.9	0.9	16.9	7.0	7.2
8.	Pelancongan <i>Tourism</i>	-48.5	-22.2	131.0	21.3	9.2
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	2.7	3.4	1.0	-1.1	0.7
10.	Perkhidmatan profesional <i>Professional services</i>	-10.0	-3.8	11.6	6.7	5.8
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	-7.8	9.6	6.8	5.7	4.9
Produktiviti buruh <i>Labour productivity</i>		-6.7	2.8	9.0	0.9	3.0

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5a Produktiviti buruh suku tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi, ST1 2020 - ST4 2024

(RM)

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



5a Quarterly labour productivity, value added per hour worked by economic activity, Q1 2020 - Q4 2024

(RM)													
2021		2022 ^e				2023 ^p				2024			
III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
27.4	25.4	23.2	23.6	27.5	25.6	23.1	23.0	27.1	25.8	23.4	24.4	28.2	25.4
485.9	531.0	537.7	531.0	511.9	558.2	541.3	496.4	504.4	566.5	555.7	514.9	475.5	551.3
57.1	58.3	54.9	56.2	57.9	58.5	55.0	54.0	55.3	56.9	54.8	55.6	57.2	58.2
33.6	30.3	25.5	30.3	31.9	30.2	26.1	29.4	30.7	31.1	25.5	29.3	32.1	31.6
137.7	224.7	193.1	253.1	200.2	212.7	203.9	246.0	211.4	205.4	185.0	260.0	206.4	214.2
10.7	11.5	11.0	10.3	10.9	11.6	11.5	10.7	11.2	11.8	11.9	11.3	11.2	11.6
30.2	31.3	33.9	31.2	29.2	29.0	31.8	29.2	27.3	29.0	32.5	30.9	29.9	30.5
108.2	101.2	89.9	92.3	106.7	99.7	89.7	88.1	101.6	96.7	87.1	87.1	100.5	97.1
39.3	41.2	40.4	40.1	39.2	41.7	41.2	41.6	40.2	42.9	43.6	45.1	43.3	43.4
75.3	77.4	83.6	78.2	79.6	80.2	82.8	72.4	73.5	73.6	80.3	75.3	77.6	78.5
55.2	84.2	59.0	75.7	65.7	82.4	59.0	72.3	64.4	83.4	60.7	74.2	62.8	81.2
16.9	15.5	15.6	15.9	16.6	16.8	16.7	16.5	17.4	17.2	18.7	19.6	20.9	20.5
38.1	39.9	38.3	39.1	40.4	40.9	39.3	39.0	40.4	41.5	40.1	39.4	40.9	41.9
172.6	165.4	153.6	163.6	163.1	152.1	149.7	161.2	158.6	159.9	159.8	158.6	156.7	157.5
38.4	42.9	38.3	40.1	42.5	43.7	40.2	40.4	43.9	45.9	40.8	41.2	43.8	45.6
8.0	9.8	10.7	11.1	11.4	11.8	11.3	11.1	10.7	11.2	11.4	10.9	10.9	11.1
33.7	37.2	39.2	39.5	40.0	40.3	42.2	41.8	42.8	44.7	46.6	44.9	46.1	48.1
166.5	158.4	164.8	165.8	159.0	152.9	163.9	161.9	161.3	157.7	160.9	160.3	160.4	158.8
124.6	125.6	124.4	120.7	128.8	133.2	132.3	111.1	122.0	115.3	121.1	120.3	120.1	118.9
20.1	20.6	23.0	24.2	24.9	24.1	24.1	24.9	25.2	25.9	25.9	25.8	27.1	27.4
34.7	35.4	33.2	32.9	34.1	35.8	34.1	34.2	34.8	36.8	34.9	33.9	35.7	37.4
41.1	42.3	40.5	41.2	42.7	43.3	41.2	40.7	42.2	43.6	42.1	41.7	43.3	44.2

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5b Produktiviti buruh suku tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi, ST1 2020 - ST4 2024:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

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



5b Quarterly labour productivity, value added per hour worked by economic activity, Q1 2020 - Q4 2024:
Percentage change from corresponding quarter of preceding year

														(%)
2021		2022 ^e				2023 ^p				2024				
III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
-3.7	1.8	1.3	-2.6	0.2	0.8	-0.4	-2.5	-1.4	1.0	1.0	6.0	4.2	-1.8	
4.0	-9.3	-4.7	-6.2	5.4	5.1	0.7	-6.5	-1.5	1.5	2.7	3.7	-5.7	-2.7	
2.1	4.6	-0.03	-1.9	1.4	0.4	0.2	-3.9	-4.5	-2.8	-0.3	2.9	3.4	2.4	
-1.6	3.3	-6.6	-7.4	-5.0	-0.4	2.2	-3.0	-3.5	2.9	-2.4	-0.3	4.3	1.8	
-37.6	8.8	-0.3	20.9	45.4	-5.4	5.6	-2.8	5.6	-3.4	-9.3	5.7	-2.3	4.3	
-6.4	0.2	-3.7	-7.0	1.5	1.2	4.4	3.8	2.8	1.5	3.1	5.7	-0.02	-1.5	
-0.1	1.8	0.7	-6.1	-3.2	-7.4	-6.4	-6.2	-6.4	0.1	2.3	5.7	9.3	5.1	
11.1	2.9	-4.5	-5.4	-1.4	-1.5	-0.3	-4.6	-4.8	-3.0	-2.9	-1.1	-1.1	0.4	
-7.9	3.3	3.4	-0.9	-0.1	1.4	1.9	3.9	2.5	2.7	6.1	8.3	7.7	1.3	
9.5	9.8	8.0	3.7	5.8	3.6	-0.9	-7.5	-7.7	-8.2	-3.0	4.0	5.5	6.6	
-25.4	0.9	-4.6	7.5	19.0	-2.1	0.004	-4.5	-2.0	1.2	2.8	2.6	-2.5	-2.6	
-5.7	-10.8	-8.1	-5.0	-2.1	8.1	6.4	3.5	5.1	2.6	12.5	19.1	20.0	18.7	
-1.2	0.8	1.2	4.0	6.0	2.6	2.7	-0.04	-0.003	1.4	1.9	0.9	1.4	0.9	
6.6	1.5	-2.9	-1.5	-5.5	-8.0	-2.5	-1.5	-2.7	5.1	6.8	-1.6	-1.2	-1.5	
-6.8	-0.9	-2.2	6.2	10.6	1.8	4.9	0.7	3.2	5.1	1.6	1.8	-0.3	-0.5	
-20.4	2.5	15.7	26.5	42.3	20.5	5.6	-0.03	-5.5	-5.0	1.1	-2.2	1.1	-0.5	
-6.9	9.1	20.8	19.0	18.5	8.1	7.8	5.9	7.1	11.1	10.4	7.4	7.6	7.6	
6.9	4.6	-0.4	1.2	-4.5	-3.5	-0.5	-2.4	1.4	3.2	-1.8	-1.0	-0.5	0.7	
7.2	3.2	-1.6	-3.4	3.3	6.0	6.3	-8.0	-5.3	-13.5	-8.4	8.3	-1.6	3.2	
-8.5	-3.5	5.5	14.9	24.0	17.3	4.7	2.7	0.9	7.3	7.2	3.4	7.6	6.1	
6.0	-0.6	2.7	0.7	-1.7	1.0	2.6	4.0	2.0	2.8	2.5	-0.8	2.5	1.7	
-0.3	1.2	0.4	1.2	3.9	2.3	1.9	-1.2	-1.0	0.6	2.0	2.5	2.6	1.4	

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6a Produktiviti buruh suku tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, ST1 2020 - ST4 2024

(RM)

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



6a Quarterly labour productivity, value added per employment by economic activity, Q1 2020 - Q4 2024

(RM)

2021		2022 ^e				2023 ^p				2024			
III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
14,458	13,477	12,364	12,642	14,881	13,889	12,399	12,521	14,841	14,043	12,608	13,292	15,282	13,803
279,934	313,635	321,602	312,683	308,071	335,432	324,993	303,773	303,351	346,305	343,404	311,331	291,136	341,780
31,265	34,296	32,264	32,921	33,838	34,853	32,474	32,075	32,801	33,745	32,532	33,054	34,146	34,745
17,916	17,040	14,604	17,014	17,831	17,121	14,924	16,467	17,381	17,416	14,337	16,889	18,333	18,165
79,123	131,919	115,193	146,336	118,093	124,337	119,031	151,452	118,582	126,998	124,661	157,483	127,344	133,268
5,251	5,897	5,770	5,386	5,584	6,061	6,196	5,843	5,801	5,980	6,190	5,984	5,986	6,020
15,644	18,532	20,120	18,831	17,561	18,049	19,143	17,771	16,882	17,708	19,320	18,446	17,861	18,256
63,915	61,953	54,600	55,673	64,346	61,364	54,935	54,537	62,409	59,443	54,578	55,436	63,632	59,977
21,598	25,077	24,172	24,116	23,734	25,297	24,767	25,067	24,259	25,999	26,030	26,641	25,845	26,610
42,547	46,821	50,249	46,825	47,455	49,128	49,124	44,256	44,984	45,536	49,498	45,598	47,556	48,546
29,841	50,595	36,020	45,492	39,019	49,551	36,277	43,129	38,620	50,478	37,115	44,799	38,502	48,864
8,608	9,095	9,363	9,374	9,892	10,018	9,987	9,858	10,452	10,254	11,057	11,466	12,423	12,274
20,606	22,642	21,987	22,197	22,964	23,601	22,634	22,388	23,356	23,863	23,079	22,875	23,653	24,286
91,310	96,186	90,847	93,186	93,684	92,979	90,774	95,825	95,355	95,396	94,058	93,183	92,780	91,443
21,126	24,802	22,323	23,289	24,886	26,029	23,722	23,888	25,767	26,696	24,006	24,167	25,862	26,868
4,425	5,567	6,187	6,199	6,445	6,566	6,451	6,231	6,218	6,327	6,424	6,164	6,168	6,410
19,135	22,272	23,676	23,639	23,980	24,726	25,547	25,260	25,847	27,233	27,626	26,720	27,273	28,791
95,614	93,153	97,275	96,071	95,805	93,697	95,145	94,826	94,880	93,729	95,598	95,175	95,421	94,850
68,757	71,850	71,643	69,374	71,611	71,674	71,159	64,640	69,795	66,936	70,658	69,484	70,833	69,386
11,054	11,919	13,647	14,098	14,295	14,570	14,593	14,766	15,165	15,403	15,662	15,684	16,133	16,336
17,785	19,134	18,154	18,050	18,562	19,645	18,710	18,667	19,275	20,344	19,376	19,217	19,889	20,938
22,090	24,053	23,207	23,445	24,375	25,009	23,744	23,434	24,486	25,101	24,236	24,154	25,081	25,647

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6b Produktiviti buruh suku tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, ST1 2020 - ST4 2024:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

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



6b Quarterly labour productivity, value added per employment by economic activity, Q1 2020 - Q4 2024:
Percentage change from corresponding quarter of preceding year

(%)													
2021		2022 ^e				2023 ^p				2024			
III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
-2.8	3.0	2.5	-0.9	2.9	3.1	0.3	-1.0	-0.3	1.1	1.7	6.2	3.0	-1.7
-1.4	-10.7	-3.6	-3.4	10.1	6.9	1.1	-2.8	-1.5	3.2	5.7	2.5	-4.0	-1.3
-3.7	5.3	2.9	4.1	8.2	1.6	0.7	-2.6	-3.1	-3.2	0.2	3.1	4.1	3.0
-4.1	4.6	-0.5	-2.6	-0.5	0.5	2.2	-3.2	-2.5	1.7	-3.9	2.6	5.5	4.3
-41.3	7.4	4.3	25.3	49.3	-5.7	3.3	3.5	0.4	2.1	4.7	4.0	7.4	4.9
-10.2	-2.8	-0.9	0.7	6.3	2.8	7.4	8.5	3.9	-1.3	-0.1	2.4	3.2	0.7
-13.1	3.0	4.7	5.5	12.3	-2.6	-4.9	-5.6	-3.9	-1.9	0.9	3.8	5.8	3.1
9.2	4.7	-2.9	-3.2	0.7	-0.9	0.6	-2.0	-3.0	-3.1	-0.7	1.6	2.0	0.9
-14.5	3.4	3.4	5.7	9.9	0.9	2.5	3.9	2.2	2.8	5.1	6.3	6.5	2.4
3.8	11.6	10.6	10.0	11.5	4.9	-2.2	-5.5	-5.2	-7.3	0.8	3.0	5.7	6.6
-32.4	0.3	-1.4	12.8	30.8	-2.1	0.7	-5.2	-1.0	1.9	2.3	3.9	-0.3	-3.2
-18.8	-11.0	-5.4	3.1	14.9	10.1	6.7	5.2	5.7	2.4	10.7	16.3	18.9	19.7
-5.7	1.1	3.6	7.5	11.4	4.2	2.9	0.9	1.7	1.1	2.0	2.2	1.3	1.8
-3.0	4.2	0.8	0.5	2.6	-3.3	-0.1	2.8	1.8	2.6	3.6	-2.8	-2.7	-4.1
-12.1	-2.6	-0.5	11.1	17.8	4.9	6.3	2.6	3.5	2.6	1.2	1.2	0.4	0.6
-19.4	5.2	20.7	30.5	45.7	18.0	4.3	0.5	-3.5	-3.6	-0.4	-1.1	-0.8	1.3
-11.0	11.8	24.3	23.5	25.3	11.0	7.9	6.9	7.8	10.1	8.1	5.8	5.5	5.7
4.9	4.7	1.5	1.6	0.2	0.6	-2.2	-1.3	-1.0	0.03	0.5	0.4	0.6	1.2
5.6	3.7	-0.2	-1.1	4.2	-0.2	-0.7	-6.8	-2.5	-6.6	-0.7	7.5	1.5	3.7
-12.9	-4.0	8.0	18.1	29.3	22.2	6.9	4.7	6.1	5.7	7.3	6.2	6.4	6.1
-1.6	0.4	4.3	3.5	4.4	2.7	3.1	3.4	3.8	3.6	3.6	2.9	3.2	2.9
-5.3	1.7	2.8	5.4	10.3	4.0	2.3	-0.05	0.5	0.4	2.1	3.1	2.4	2.2

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7a Keluaran Dalam Negeri Kasar (KDNK) tahunan mengikut aktiviti ekonomi pada harga malar 2015, 2020 - 2024
Annual Gross Domestic Product (GDP) by economic activity at constant 2015 prices, 2020 - 2024

		(RM juta/ RM million)				
Aktiviti ekonomi <i>Economic activity</i>		2020	2021	2022 ^e	2023 ^p	2024
1.	Pertanian <i>Agriculture</i>	99,109	98,843	100,082	100,812	103,917
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	92,879	93,717	97,001	97,513	98,411
3.	Pembuatan <i>Manufacturing</i>	307,606	336,724	364,124	366,694	381,939
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	30,881	31,516	32,856	34,524	36,229
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	7,709	7,756	9,062	9,625	10,406
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	5,444	5,837	6,171	6,244	6,404
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	20,075	21,341	22,947	22,864	24,026
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	90,084	101,787	102,892	102,068	105,377
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>	32,797	34,102	36,689	38,584	41,470
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	91,361	104,745	119,615	117,708	122,557
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	29,255	29,640	33,892	35,076	35,470
4.	Pembinaan <i>Construction</i>	53,616	50,839	53,426	56,659	66,582
5.	Perkhidmatan <i>Services</i>	777,693	795,116	882,723	927,904	977,650
5.1	Utiliti <i>Utilities</i>	37,950	39,021	40,358	41,411	42,904
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	228,561	233,686	265,813	281,372	293,490
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	36,539	32,622	43,927	47,305	50,242
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	42,078	42,603	55,148	62,782	69,481
5.5	Maklumat dan komunikasi <i>Information and communication</i>	89,203	94,600	99,283	102,828	106,324
5.6	Kewangan dan insurans <i>Finance and insurance</i>	96,102	105,771	106,631	104,188	109,162
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	58,766	53,420	65,558	71,264	78,030
5.8	Perkhidmatan lain <i>Other services</i>	188,494	193,392	206,005	216,754	228,017
tambah Duti import <i>plus Import duties</i>		15,346	15,642	16,784	18,392	19,664
KDNK pada harga pembeli <i>GDP at purchasers' prices</i>		1,346,249	1,390,882	1,514,139	1,567,974	1,648,163



7b Keluaran Dalam Negeri Kasar (KDNK) tahunan mengikut aktiviti ekonomi pada harga malar 2015, 2020 - 2024: Perubahan peratusan tahunan
Annual Gross Domestic Product (GDP) by economic activity at constant 2015 prices, 2020- 2024:
Annual percentage change

		(%)				
Aktiviti ekonomi <i>Economic activity</i>		2020	2021	2022 ^e	2023 ^p	2024
1.	Pertanian <i>Agriculture</i>	-2.4	-0.3	1.3	0.7	3.1
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-9.7	0.9	3.5	0.5	0.9
3.	Pembuatan <i>Manufacturing</i>	-2.7	9.5	8.1	0.7	4.2
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	1.4	2.1	4.2	5.1	4.9
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	-16.0	0.6	16.8	6.2	8.1
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	-12.9	7.2	5.7	1.2	2.6
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	-7.4	6.3	7.5	-0.4	5.1
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	-1.0	13.0	1.1	-0.8	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>	-13.0	4.0	7.6	5.2	7.5
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	2.5	14.6	14.2	-1.6	4.1
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	-5.3	1.3	14.3	3.5	1.1
4.	Pembinaan <i>Construction</i>	-19.3	-5.2	5.1	6.1	17.5
5.	Perkhidmatan <i>Services</i>	-5.2	2.2	11.0	5.1	5.4
5.1	Utiliti <i>Utilities</i>	-1.0	2.8	3.4	2.6	3.6
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	-5.8	2.2	13.7	5.9	4.3
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	-26.7	-10.7	34.7	7.7	6.2
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	-21.5	1.2	29.4	13.8	10.7
5.5	Maklumat dan komunikasi <i>Information and communication</i>	5.9	6.1	5.0	3.6	3.4
5.6	Kewangan dan insurans <i>Finance and insurance</i>	2.9	10.1	0.8	-2.3	4.8
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	-14.5	-9.1	22.7	8.7	9.5
5.8	Perkhidmatan lain <i>Other services</i>	-0.7	2.6	6.5	5.2	5.2
tambah Duti import <i>plus Import duties</i>		-5.2	1.9	7.3	9.6	6.9
KDNK pada harga pembeli <i>GDP at purchasers' prices</i>		-5.5	3.3	8.9	3.6	5.1

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8a Keluaran Dalam Negeri Kasar (KDNK) suku tahunan mengikut aktiviti ekonomi pada harga malar 2015, ST1 2020 - ST4 2024

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



8a Quarterly Gross Domestic Product (GDP) by economic activity at constant 2015 prices, Q1 2020 - Q4 2024

(RM juta/ RM million)													
2021		2022 ^e				2023 ^p				2024			
III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
27,315	24,921	22,924	23,666	27,944	25,549	23,242	23,498	28,030	26,042	23,646	25,222	29,148	25,902
21,207	23,807	24,377	23,667	23,421	25,535	24,755	23,173	23,162	26,422	26,172	23,808	22,253	26,178
81,670	91,857	87,174	89,038	92,399	95,512	89,990	89,152	92,291	95,261	91,727	93,369	97,422	99,420
8,402	8,236	7,097	8,319	8,845	8,595	7,604	8,497	9,206	9,218	7,576	8,923	9,908	9,822
1,405	2,342	2,122	2,584	2,107	2,249	2,239	2,812	2,203	2,371	2,387	3,036	2,422	2,562
1,346	1,579	1,605	1,478	1,513	1,574	1,619	1,533	1,519	1,573	1,644	1,589	1,589	1,582
4,694	5,716	6,222	5,728	5,433	5,564	5,973	5,646	5,470	5,775	6,222	5,939	5,827	6,038
27,128	26,380	23,748	24,243	28,274	26,627	24,170	23,847	27,589	26,462	24,446	24,822	28,804	27,306
7,851	9,395	9,159	9,015	8,919	9,596	9,476	9,506	9,406	10,196	10,163	10,398	10,269	10,640
25,233	28,448	30,160	28,781	29,613	31,061	31,300	28,362	28,858	29,188	31,529	29,217	30,483	31,328
5,610	9,761	7,062	8,889	7,696	10,245	7,609	8,949	8,038	10,479	7,760	9,446	8,120	10,143
11,830	12,609	12,938	12,961	13,635	13,892	13,895	13,767	14,611	14,386	15,551	16,143	17,520	17,369
192,122	213,986	210,226	214,560	224,311	233,625	225,184	224,259	235,300	243,162	235,953	237,551	247,610	256,537
9,566	10,230	9,704	10,074	10,312	10,267	9,765	10,417	10,520	10,710	10,473	10,749	10,851	10,831
55,437	66,113	60,368	63,920	68,830	72,695	66,072	66,835	72,596	75,868	68,614	70,028	75,609	79,238
7,273	9,227	10,479	10,592	11,152	11,704	11,782	11,599	11,692	12,233	12,428	12,266	12,431	13,116
9,908	12,103	13,234	13,389	13,811	14,714	15,340	15,234	15,609	16,599	17,026	16,829	17,256	18,369
23,979	24,081	24,548	24,712	24,970	25,054	25,488	25,617	25,847	25,876	26,218	26,409	26,763	26,934
25,749	26,783	26,711	25,888	26,912	27,121	27,143	24,606	26,671	25,768	27,333	27,100	27,593	27,137
12,337	13,467	15,481	16,238	16,711	17,127	17,258	17,523	18,044	18,440	18,779	19,165	19,885	20,202
47,874	51,982	49,701	49,747	51,613	54,943	52,338	52,428	54,321	57,667	55,081	55,005	57,221	60,710
3,278	4,207	3,813	4,224	4,169	4,579	4,308	4,522	4,523	5,040	4,459	4,644	5,282	5,279
337,421	371,388	361,453	368,117	385,880	398,691	381,374	378,371	397,916	410,313	397,507	400,736	419,235	430,686

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8b Keluaran Dalam Negeri Kasar (KDNK) suku tahunan mengikut aktiviti ekonomi pada harga malar 2015, ST1 2020 - ST4 2024: Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

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



8b Quarterly Gross Domestic Product (GDP) by economic activity at constant 2015 prices, Q1 2020 - Q4 2024: Percentage change from corresponding quarter of preceding year

														(%)
2021		2022 ^e				2023 ^p				2024				
III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	
-2.2	2.9	1.6	-1.6	2.3	2.5	1.4	-0.7	0.3	1.9	1.7	7.3	4.0	-0.5	
-3.6	-0.9	-1.0	-1.7	10.4	7.3	1.6	-2.1	-1.1	3.5	5.7	2.7	-3.9	-0.9	
-0.9	9.1	6.7	9.2	13.1	4.0	3.2	0.1	-0.1	-0.3	1.9	4.7	5.6	4.4	
0.6	10.5	5.0	2.5	5.3	4.4	7.2	2.1	4.1	7.2	-0.4	5.0	7.6	6.6	
-40.4	9.5	5.9	28.9	49.9	-4.0	5.5	8.8	4.6	5.4	6.6	8.0	9.9	8.0	
-5.6	4.0	4.9	7.1	12.3	-0.3	0.8	3.7	0.4	-0.1	1.5	3.6	4.6	0.6	
-12.6	5.4	6.9	12.1	15.7	-2.7	-4.0	-1.4	0.7	3.8	4.2	5.2	6.5	4.6	
12.7	6.6	-0.4	-0.8	4.2	0.9	1.8	-1.6	-2.4	-0.6	1.1	4.1	4.4	3.2	
-14.2	5.6	5.3	10.5	13.6	2.1	3.5	5.4	5.5	6.2	7.2	9.4	9.2	4.4	
7.1	16.4	15.4	15.5	17.4	9.2	3.8	-1.5	-2.5	-6.0	0.7	3.0	5.6	7.3	
-31.3	2.1	2.6	20.4	37.2	5.0	7.7	0.7	4.5	2.3	2.0	5.6	1.0	-3.2	
-20.6	-12.1	-6.0	2.6	15.3	10.2	7.4	6.2	7.2	3.6	11.9	17.3	19.9	20.7	
-4.4	3.3	6.5	11.9	16.8	9.2	7.1	4.5	4.9	4.1	4.8	5.9	5.2	5.5	
-1.8	4.1	1.9	3.8	7.8	0.4	0.6	3.4	2.0	4.3	7.3	3.2	3.1	1.1	
-10.5	1.7	4.4	17.7	24.2	10.0	9.4	4.6	5.5	4.4	3.8	4.8	4.2	4.4	
-16.8	6.1	25.4	36.4	53.3	26.8	12.4	9.5	4.8	4.5	5.5	5.8	6.3	7.2	
-11.8	11.4	24.9	33.9	39.4	21.6	15.9	13.8	13.0	12.8	11.0	10.5	10.6	10.7	
6.0	6.6	6.1	5.6	4.1	4.0	3.8	3.7	3.5	3.3	2.9	3.1	3.5	4.1	
4.4	3.7	-0.9	-1.6	4.5	1.3	1.6	-4.9	-0.9	-5.0	0.7	10.1	3.5	5.3	
-14.7	-4.9	8.8	21.2	35.5	27.2	11.5	7.9	8.0	7.7	8.8	9.4	10.2	9.6	
0.5	3.3	6.4	6.3	7.8	5.7	5.3	5.4	5.2	5.0	5.2	4.9	5.3	5.3	
-14.7	-10.9	-3.2	0.1	27.2	8.8	13.0	7.1	8.5	10.1	3.5	2.7	16.8	4.7	
-4.2	3.5	5.1	8.9	14.4	7.4	5.5	2.8	3.1	2.9	4.2	5.9	5.4	5.0	

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9a Jumlah jam bekerja tahunan mengikut aktiviti ekonomi, 2020- 2024
Annual total hours worked by economic activity, 2020 - 2024

(Juta jam/ Million hours)

Aktiviti ekonomi Economic activity		2020	2021	2022 ^e	2023 ^p	2024
1.	Pertanian Agriculture	3,779	3,954	4,006	4,070	4,101
2.	Perlombongan dan pengkuarian Mining and quarrying	168	175	181	185	188
3.	Pembuatan Manufacturing	5,568	5,917	6,400	6,632	6,765
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan Vegetable and animal oils & fats and food processing	950	1,018	1,115	1,177	1,222
3.2	Minuman dan produk tembakau Beverages and tobacco products	42	41	42	44	48
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	504	521	564	553	557
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	653	665	745	780	777
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	945	1,015	1,059	1,085	1,133
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	813	853	909	930	945
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	1,262	1,371	1,488	1,559	1,573
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	400	434	478	503	509
4.	Pembinaan Construction	2,972	3,072	3,291	3,344	3,341
5.	Perkhidmatan Services	19,484	20,722	22,243	23,153	24,089
5.1	Utiliti Utilities	225	236	255	263	271
5.2	Perdagangan borong dan runcit Wholesale and retail trade	5,571	5,894	6,451	6,604	6,845
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	3,370	3,641	3,907	4,268	4,538
5.4	Pengangkutan dan penyimpanan Transportation and storage	1,159	1,246	1,388	1,463	1,496
5.5	Maklumat dan komunikasi Information and communication	525	579	619	638	664
5.6	Kewangan dan insurans Finance and insurance	802	843	842	869	909
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	2,469	2,555	2,723	2,850	2,941
5.8	Perkhidmatan lain Other services	5,363	5,727	6,059	6,198	6,425
Jumlah jam bekerja Total hours worked		31,970	33,840	36,122	37,384	38,483



9b Jumlah jam bekerja tahunan mengikut aktiviti ekonomi, 2020 - 2024: Perubahan peratusan tahunan
Annual total hours worked by economic activity, 2020 - 2024: Annual percentage change

		(%)				
Aktiviti ekonomi <i>Economic activity</i>		2020	2021	2022 ^e	2023 ^p	2024
1.	Pertanian <i>Agriculture</i>	-4.0	4.6	1.3	1.6	0.8
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-9.4	4.2	3.9	2.0	1.4
3.	Pembuatan <i>Manufacturing</i>	-9.0	6.3	8.2	3.6	2.0
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	-5.1	7.1	9.6	5.5	3.8
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	-14.8	-2.9	4.3	4.9	8.8
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	-2.3	3.6	8.1	-1.9	0.8
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	-14.7	1.8	12.1	4.7	-0.5
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	-5.9	7.4	4.3	2.5	4.4
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	-10.1	4.8	6.6	2.3	1.6
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	-10.0	8.6	8.5	4.8	0.9
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	-16.2	8.4	10.3	5.2	1.2
4.	Pembinaan <i>Construction</i>	-15.0	3.4	7.1	1.6	-0.1
5.	Perkhidmatan <i>Services</i>	-8.5	6.4	7.3	4.1	4.0
5.1	Utiliti <i>Utilities</i>	-7.7	4.7	8.3	3.0	3.1
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	-8.6	5.8	9.4	2.4	3.7
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	-11.5	8.1	7.3	9.2	6.3
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	-12.2	7.5	11.3	5.4	2.3
5.5	Maklumat dan komunikasi <i>Information and communication</i>	-5.6	10.3	7.0	3.1	4.1
5.6	Kewangan dan insurans <i>Finance and insurance</i>	-7.1	5.1	-0.2	3.2	4.6
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	-8.4	3.5	6.6	4.7	3.2
5.8	Perkhidmatan lain <i>Other services</i>	-6.0	6.8	5.8	2.3	3.7
Jumlah jam bekerja <i>Total hours worked</i>		-8.7	5.8	6.7	3.5	2.9

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10a Jumlah jam bekerja suku tahunan mengikut aktiviti ekonomi, ST1 2020 - ST4 2024

(Juta jam/ Million hours)

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



10a Quarterly total hours worked by economic activity, Q1 2020 - Q4 2024

(Juta jam/ Million hours)													
2021		2022 ^e				2023 ^p				2024			
III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
997	983	987	1,002	1,017	1,000	1,005	1,021	1,035	1,009	1,012	1,034	1,033	1,022
44	45	45	45	46	46	46	47	46	47	47	46	47	47
1,430	1,575	1,589	1,585	1,595	1,631	1,637	1,652	1,669	1,674	1,674	1,680	1,704	1,707
250	272	278	275	278	285	291	289	299	297	298	305	309	310
10	10	11	10	11	11	11	11	10	12	13	12	12	12
126	138	145	144	139	136	140	143	136	133	138	141	142	136
156	183	183	184	186	192	188	193	200	199	192	192	195	198
251	261	264	263	265	267	269	271	272	274	281	285	287	281
200	228	227	225	227	230	230	228	234	238	233	231	237	245
335	368	361	368	372	387	378	392	393	396	393	388	393	399
102	116	120	117	117	124	129	124	125	126	128	127	129	125
699	811	827	814	823	827	834	836	839	835	830	823	838	849
5,046	5,361	5,487	5,493	5,558	5,706	5,725	5,744	5,830	5,854	5,889	6,028	6,050	6,122
55	62	63	62	63	67	65	65	66	67	66	68	69	69
1,442	1,541	1,576	1,592	1,618	1,665	1,644	1,653	1,653	1,653	1,681	1,701	1,727	1,736
910	945	977	954	981	995	1,041	1,045	1,088	1,094	1,086	1,129	1,144	1,179
294	325	338	339	346	365	363	364	365	371	365	375	375	382
144	152	149	149	157	164	156	158	160	164	163	165	167	170
207	213	215	214	209	204	205	222	219	224	226	225	230	228
613	655	672	670	670	711	715	704	717	713	726	744	735	737
1,381	1,468	1,497	1,512	1,514	1,536	1,536	1,533	1,562	1,568	1,577	1,621	1,604	1,623
8,214	8,775	8,935	8,939	9,039	9,210	9,247	9,299	9,419	9,418	9,452	9,612	9,672	9,747

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10b Jumlah jam bekerja suku tahunan mengikut aktiviti ekonomi, ST1 2020 - ST4 2024:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

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



10b Quarterly total hours worked by economic activity, Q1 2020 - Q4 2024:
Percentage change from corresponding quarter of preceding year

(%)

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

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11a Pekerja tahunan mengikut aktiviti ekonomi, 2020 - 2024
Annual employment by economic activity, 2020 - 2024

		('000)				
Aktiviti ekonomi <i>Economic activity</i>		2020	2021	2022 ^e	2023 ^p	2024
1.	Pertanian <i>Agriculture</i>	1,866	1,874	1,861	1,874	1,889
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	74	75	76	76	76
3.	Pembuatan <i>Manufacturing</i>	2,552	2,618	2,719	2,797	2,840
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	448	469	493	521	534
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	18	18	18	19	19
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	251	261	271	262	265
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	299	299	308	320	325
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	410	425	436	441	451
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	363	367	377	385	394
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	575	590	618	640	641
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	186	188	199	208	210
4.	Pembinaan <i>Construction</i>	1,399	1,385	1,382	1,397	1,410
5.	Perkhidmatan <i>Services</i>	9,206	9,338	9,724	10,058	10,410
5.1	Utiliti <i>Utilities</i>	104	105	109	110	116
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2,557	2,615	2,752	2,811	2,907
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	1,626	1,641	1,729	1,875	1,997
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	539	535	574	604	629
5.5	Maklumat dan komunikasi <i>Information and communication</i>	243	250	259	272	279
5.6	Kewangan dan insurans <i>Finance and insurance</i>	376	374	375	382	389
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	1,137	1,123	1,158	1,189	1,223
5.8	Perkhidmatan lain <i>Other services</i>	2,623	2,694	2,768	2,815	2,870
Jumlah pekerja <i>Total employment</i>		15,096	15,290	15,762	16,201	16,625



11b Pekerja tahunan mengikut aktiviti ekonomi, 2020 - 2024: Perubahan peratusan tahunan
Annual employment by economic activity, 2020 - 2024: Annual percentage change

		(%)				
Aktiviti ekonomi <i>Economic activity</i>		2020	2021	2022 ^e	2023 ^p	2024
1.	Pertanian <i>Agriculture</i>	-0.4	0.4	-0.7	0.7	0.8
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-2.3	1.7	1.2	0.5	0.2
3.	Pembuatan <i>Manufacturing</i>	-0.1	2.6	3.9	2.8	1.5
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	2.0	4.7	5.1	5.7	2.6
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	-7.8	-1.8	1.7	3.6	2.7
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	-0.4	3.9	3.7	-3.2	1.0
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	-2.5	0.1	2.8	4.0	1.6
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	2.0	3.6	2.6	1.2	2.2
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	0.2	1.1	2.7	2.2	2.3
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	0.1	2.6	4.6	3.6	0.1
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	-4.8	0.9	5.7	4.7	0.7
4.	Pembinaan <i>Construction</i>	-4.4	-1.0	-0.2	1.1	0.9
5.	Perkhidmatan <i>Services</i>	0.5	1.4	4.1	3.4	3.5
5.1	Utiliti <i>Utilities</i>	0.8	1.1	3.3	0.8	5.3
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	1.1	2.2	5.3	2.1	3.4
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	-0.4	0.9	5.3	8.5	6.5
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	-0.1	-0.7	7.3	5.3	4.1
5.5	Maklumat dan komunikasi <i>Information and communication</i>	3.1	2.5	4.0	4.7	2.7
5.6	Kewangan dan insurans <i>Finance and insurance</i>	0.4	-0.5	0.2	1.9	1.8
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	0.9	-1.2	3.0	2.7	2.8
5.8	Perkhidmatan lain <i>Other services</i>	0.1	2.7	2.7	1.7	2.0
Jumlah pekerja <i>Total employment</i>		-0.2	1.3	3.1	2.8	2.6

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12a Pekerja suku tahunan mengikut aktiviti ekonomi, ST1 2020 - ST4 2024

		('000)					
Aktiviti ekonomi <i>Economic activity</i>		2020				2021	
		I	II	III	IV	I	II
1.	Pertanian <i>Agriculture</i>	1,883	1,852	1,877	1,851	1,870	1,886
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	74	75	78	68	74	74
3.	Pembuatan <i>Manufacturing</i>	2,576	2,506	2,540	2,584	2,604	2,577
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	445	443	447	458	461	464
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	20	17	17	17	18	17
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	267	244	244	250	263	258
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	307	290	298	302	303	286
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	406	404	411	418	424	425
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	363	360	362	367	372	358
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	576	568	575	583	576	585
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	191	180	185	189	189	183
4.	Pembinaan <i>Construction</i>	1,424	1,364	1,404	1,404	1,391	1,390
5.	Perkhidmatan <i>Services</i>	9,284	9,087	9,197	9,255	9,298	9,279
5.1	Utiliti <i>Utilities</i>	104	103	103	106	106	105
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2,544	2,557	2,577	2,551	2,578	2,590
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	1,686	1,580	1,593	1,644	1,630	1,634
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	564	523	523	546	556	522
5.5	Maklumat dan komunikasi <i>Information and communication</i>	231	240	248	254	241	247
5.6	Kewangan dan insurans <i>Finance and insurance</i>	374	379	379	373	375	375
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	1,154	1,113	1,139	1,141	1,126	1,122
5.8	Perkhidmatan lain <i>Other services</i>	2,627	2,591	2,634	2,639	2,685	2,683
Jumlah pekerja <i>Total employment</i>		15,243	14,884	15,096	15,162	15,237	15,207



12a Quarterly employment by economic activity, Q1 2020 - Q4 2024

('000)

2021		2022 ^o				2023 ^p				2024			
III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
1,889	1,849	1,854	1,872	1,878	1,840	1,874	1,877	1,889	1,854	1,875	1,897	1,907	1,877
76	76	76	76	76	76	76	76	76	76	76	76	76	77
2,612	2,678	2,702	2,705	2,731	2,740	2,771	2,780	2,814	2,823	2,820	2,825	2,853	2,861
469	483	486	489	496	502	510	516	530	529	528	528	540	541
18	18	18	18	18	18	19	19	19	19	19	19	19	19
256	268	278	274	271	260	261	262	262	263	266	266	266	263
300	308	309	304	309	308	312	318	324	326	322	322	326	331
424	426	435	435	439	434	440	437	442	445	448	448	453	455
363	375	379	374	376	379	383	379	388	392	390	390	397	400
593	608	600	615	624	632	637	641	642	641	637	641	641	645
188	193	196	195	197	207	210	207	208	208	209	211	211	208
1,374	1,386	1,382	1,383	1,378	1,387	1,391	1,397	1,398	1,403	1,406	1,408	1,410	1,415
9,323	9,451	9,561	9,666	9,768	9,899	9,949	10,017	10,074	10,190	10,224	10,385	10,468	10,563
105	106	107	108	110	110	108	109	110	112	111	115	117	118
2,624	2,666	2,704	2,745	2,766	2,793	2,785	2,798	2,817	2,842	2,858	2,898	2,924	2,949
1,643	1,658	1,694	1,709	1,730	1,782	1,826	1,861	1,880	1,933	1,935	1,990	2,015	2,046
518	543	559	566	576	595	600	603	604	610	616	630	633	638
251	259	252	257	261	267	268	270	272	276	274	277	280	284
374	373	373	373	376	378	381	381	382	385	387	390	390	391
1,116	1,130	1,134	1,152	1,169	1,176	1,183	1,187	1,190	1,197	1,199	1,222	1,233	1,237
2,692	2,717	2,738	2,756	2,781	2,797	2,797	2,809	2,818	2,835	2,843	2,862	2,877	2,899
15,275	15,441	15,575	15,701	15,831	15,942	16,062	16,146	16,251	16,347	16,401	16,591	16,715	16,793

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12b Pekerja suku tahunan mengikut aktiviti ekonomi, ST1 2020 - ST4 2024:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

		2020				2021	
Aktiviti ekonomi <i>Economic activity</i>		I	II	III	IV	I	II
1.	Pertanian <i>Agriculture</i>	0.1	-0.5	-0.8	-0.4	-0.7	1.8
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-1.7	-3.5	-2.3	-1.6	-0.8	-0.2
3.	Pembuatan <i>Manufacturing</i>	1.6	-1.3	-0.4	-0.2	1.1	2.8
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	1.8	1.7	1.7	3.0	3.5	4.7
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	1.5	-11.9	-10.1	-10.8	-9.3	-0.5
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	4.4	-2.9	-1.4	-1.7	-1.7	5.6
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	0.7	-5.0	-3.2	-2.6	-1.4	-1.2
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	2.1	0.5	2.3	2.9	4.3	5.3
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	0.4	-0.4	-0.3	0.9	2.4	-0.5
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	1.7	-0.7	-0.6	0.01	-0.1	3.1
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	0.1	-6.3	-3.9	-8.5	-1.3	1.6
4.	Pembinaan <i>Construction</i>	-2.7	-6.3	-2.4	-6.0	-2.4	1.9
5.	Perkhidmatan <i>Services</i>	2.5	-0.6	-0.1	0.1	0.1	2.1
5.1	Utiliti <i>Utilities</i>	1.7	0.9	0.7	0.1	1.4	1.7
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2.3	-0.2	0.9	1.5	1.4	1.3
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	6.4	-2.5	-2.3	-3.0	-3.3	3.4
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	2.5	-0.7	-0.7	-1.6	-1.4	-0.1
5.5	Maklumat dan komunikasi <i>Information and communication</i>	4.5	3.2	3.4	1.5	4.5	2.9
5.6	Kewangan dan insurans <i>Finance and insurance</i>	1.5	-0.1	0.3	-0.2	0.2	-1.1
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	2.4	0.8	0.4	0.1	-2.4	0.8
5.8	Perkhidmatan lain <i>Other services</i>	0.5	-1.0	-0.1	1.0	2.2	3.6
Jumlah pekerja <i>Total employment</i>		1.6	-1.3	-0.4	-0.6	0.04	2.2



12b Quarterly employment by economic activity, Q1 2020 - Q4 2024:
Percentage change from corresponding quarter of preceding year

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

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I1 Produktiviti buruh tahunan, indeks produktiviti buruh per jam bekerja mengikut aktiviti ekonomi (2015=100), 2020 - 2024
Annual labour productivity, index of labour productivity per hour worked by economic activity (2015=100), 2020 - 2024

Aktiviti ekonomi <i>Economic activity</i>		2020	2021	2022 ^e	2023 ^p	2024
1.	Pertanian <i>Agriculture</i>	104.1	99.2	99.1	98.3	100.6
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	102.4	99.1	98.8	97.4	96.9
3.	Pembuatan <i>Manufacturing</i>	121.3	125.0	125.0	121.5	124.0
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	110.9	105.7	100.6	100.2	101.2
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	105.8	109.5	122.7	124.2	123.5
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	96.7	100.1	97.9	101.0	102.8
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	138.7	144.8	138.9	132.2	139.6
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	116.7	122.8	119.0	115.2	113.8
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>	104.8	103.9	104.8	107.7	113.9
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	137.3	145.0	152.6	143.3	147.9
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	138.3	129.3	134.0	131.8	131.7
4.	Pembinaan <i>Construction</i>	119.4	109.5	107.5	112.2	131.9
5.	Perkhidmatan <i>Services</i>	119.1	114.5	118.4	119.6	121.1
5.1	Utiliti <i>Utilities</i>	122.5	120.3	114.9	114.5	115.0
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	116.3	112.3	116.8	120.7	121.5
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	92.6	76.5	96.0	94.6	94.6
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	104.5	98.4	114.4	123.5	133.7
5.5	Maklumat dan komunikasi <i>Information and communication</i>	132.7	127.7	125.3	125.8	125.0
5.6	Kewangan dan insurans <i>Finance and insurance</i>	123.9	129.7	131.0	124.0	124.2
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	111.4	97.8	112.6	117.0	124.1
5.8	Perkhidmatan lain <i>Other services</i>	128.5	123.5	124.4	127.9	129.8
Produktiviti buruh <i>Labour productivity</i>		117.0	114.2	116.5	116.6	119.0



12 Produktiviti buruh tahunan, indeks produktiviti buruh per pekerja mengikut aktiviti ekonomi (2015=100), 2020 - 2024
Annual labour productivity, index of labour productivity per employment by economic activity (2015=100), 2020 - 2024

Aktiviti ekonomi <i>Economic activity</i>		2020	2021	2022 ^e	2023 ^p	2024
1.	Pertanian <i>Agriculture</i>	102.2	101.5	103.5	103.5	105.8
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	96.6	95.9	98.0	98.1	98.8
3.	Pembuatan <i>Manufacturing</i>	109.3	116.6	121.4	118.9	121.9
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	105.1	102.4	101.6	101.0	103.4
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	99.5	102.0	117.2	120.1	126.4
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	98.1	101.2	103.2	107.9	109.5
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	118.2	125.5	131.3	125.8	130.1
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	105.7	115.3	113.6	111.4	112.5
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>	93.6	96.3	100.8	103.7	108.9
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	120.4	134.5	146.8	139.4	145.0
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	119.9	120.3	130.2	128.6	129.2
4.	Pembinaan <i>Construction</i>	105.0	100.5	105.9	111.1	129.4
5.	Perkhidmatan <i>Services</i>	106.8	107.7	114.8	116.6	118.7
5.1	Utiliti <i>Utilities</i>	113.4	115.4	115.5	117.6	115.7
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	103.5	103.5	111.8	115.9	116.9
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	81.4	72.0	92.0	91.4	91.1
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	91.2	93.0	112.2	121.3	128.9
5.5	Maklumat dan komunikasi <i>Information and communication</i>	120.8	124.9	126.1	124.7	125.5
5.6	Kewangan dan insurans <i>Finance and insurance</i>	113.3	125.4	126.2	120.9	124.4
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	98.7	90.8	108.1	114.4	121.9
5.8	Perkhidmatan lain <i>Other services</i>	117.4	117.2	121.6	125.8	129.7
Produktiviti buruh <i>Labour productivity</i>		106.0	108.1	114.2	115.1	117.9

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13 Produktiviti buruh tahunan, indeks produktiviti buruh per jam bekerja mengikut 11 subsektor keutamaan (2015=100), 2020 - 2024
Annual labour productivity, index of labour productivity per hour worked by 11 priority subsectors (2015=100), 2020 - 2024

	Aktiviti ekonomi <i>Economic activity</i>	2020	2021	2022^e	2023^p	2024
1.	Agromakanan <i>Agro-food</i>	108.7	107.0	103.6	104.6	109.0
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	117.1	127.7	123.8	123.4	120.8
3.	Elektrik dan elektronik <i>Electrical and electronics</i>	140.9	148.7	156.4	144.8	148.5
4.	Mesin dan peralatan <i>Machinery and equipment</i>	124.5	131.0	131.6	131.5	140.8
5.	Pembinaan & alam bina <i>Construction & built environment</i>	119.4	109.5	107.5	112.2	131.9
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	115.3	108.6	119.8	119.4	119.1
7.	Logistik <i>Logistic</i>	106.9	100.7	113.2	121.6	132.1
8.	Pelancongan <i>Tourism</i>	73.3	54.6	112.9	135.3	145.6
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	132.7	127.7	125.3	125.8	125.0
10.	Perkhidmatan professional <i>Professional services</i>	129.7	114.8	126.8	131.5	138.5
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	107.6	115.3	118.6	123.8	129.6
	Produktiviti buruh <i>Labour productivity</i>	121.5	119.0	124.7	125.0	129.0



14 Produktiviti buruh tahunan, indeks produktiviti buruh per pekerja mengikut 11 subsektor keutamaan (2015=100), 2020 - 2024
Annual labour productivity, index of labour productivity per employment by 11 priority subsectors (2015=100), 2020 - 2024

	Aktiviti ekonomi <i>Economic activity</i>	2020	2021	2022^e	2023^p	2024
1.	Agromakanan <i>Agro-food</i>	107.2	110.3	110.7	112.3	114.7
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	104.5	115.1	117.6	118.4	114.9
3.	Elektrik dan elektronik <i>Electrical and electronics</i>	123.2	137.9	150.4	140.5	145.9
4.	Mesin dan peralatan <i>Machinery and equipment</i>	110.1	120.8	126.5	129.4	136.0
5.	Pembinaan & alam bina <i>Construction & built environment</i>	105.0	100.5	105.9	111.1	129.4
6.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	102.6	100.9	114.3	114.6	114.5
7.	Logistik <i>Logistic</i>	95.2	96.0	112.2	120.1	128.8
8.	Pelancongan <i>Tourism</i>	60.0	46.7	107.9	130.9	142.9
9.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	120.8	124.9	126.1	124.7	125.6
10.	Perkhidmatan professional <i>Professional services</i>	114.6	110.2	123.0	131.3	138.9
11.	Penjagaan kesihatan swasta <i>Private healthcare</i>	101.5	111.2	118.7	125.5	131.6
	Produktiviti buruh <i>Labour productivity</i>	108.4	111.4	121.5	122.5	126.2

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15 Produktiviti buruh suku tahunan, indeks produktiviti buruh per jam bekerja mengikut aktiviti ekonomi (2015=100),
ST1 2020 - ST4 2024

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



15 Quarterly labour productivity, index of labour productivity per hour worked by economic activity (2015=100), Q1 2020 - Q4 2024

2021		2022 ^e				2023 ^p				2024			
III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
108.8	100.6	92.2	93.7	109.0	101.4	91.8	91.4	107.4	102.4	92.7	96.8	111.9	100.6
89.8	98.1	99.4	98.1	94.6	103.1	100.0	91.7	93.2	104.7	102.7	95.1	87.9	101.9
125.5	128.1	120.5	123.4	127.3	128.6	120.7	118.6	121.5	125.0	120.3	122.1	125.6	127.9
114.5	103.5	87.1	103.4	108.8	103.1	89.1	100.3	105.0	106.1	86.9	99.9	109.5	108.0
78.8	128.7	110.6	145.0	114.6	121.8	116.8	140.9	121.1	117.6	106.0	148.9	118.2	122.7
95.8	102.6	98.8	92.1	97.2	103.8	103.2	95.7	100.0	105.4	106.4	101.1	99.9	103.8
136.0	141.1	153.1	140.7	131.7	130.7	143.3	131.9	123.3	130.9	146.6	139.4	134.8	137.6
132.5	123.8	110.1	113.1	130.6	122.0	109.8	107.9	124.4	118.4	106.6	106.7	123.1	118.9
102.0	107.0	104.9	104.1	101.9	108.4	106.9	108.1	104.5	111.4	113.4	117.1	112.5	112.8
142.8	146.9	158.7	148.5	151.1	152.2	157.2	137.4	139.5	139.7	152.4	142.9	147.2	149.0
104.4	159.2	111.7	143.2	124.2	155.8	111.7	136.7	121.8	157.7	114.8	140.2	118.8	153.6
112.0	102.9	103.6	105.3	109.7	111.2	110.2	109.0	115.3	114.1	124.0	129.8	138.3	135.5
113.6	119.1	114.3	116.6	120.4	122.2	117.4	116.5	120.4	124.0	119.6	117.6	122.1	125.1
125.5	120.3	111.7	119.0	118.6	110.6	108.9	117.2	115.4	116.3	116.2	115.3	113.9	114.6
109.0	121.6	108.5	113.8	120.6	123.7	113.9	114.6	124.4	130.1	115.7	116.7	124.1	129.4
68.2	83.4	91.6	94.8	97.1	100.5	96.7	94.8	91.7	95.5	97.8	92.7	92.8	95.0
97.1	107.2	112.8	113.7	115.1	115.9	121.6	120.4	123.2	128.8	134.2	129.3	132.6	138.6
130.0	123.7	128.7	129.5	124.1	119.4	128.0	126.4	125.9	123.1	125.7	125.2	125.3	124.0
128.9	129.9	128.7	124.9	133.2	137.8	136.8	114.9	126.2	119.2	125.3	124.5	124.3	123.0
94.1	96.2	107.8	113.4	116.7	112.8	112.9	116.5	117.7	120.9	121.1	120.5	126.6	128.3
126.8	129.5	121.4	120.3	124.7	130.9	124.6	125.1	127.2	134.5	127.7	124.1	130.5	136.8
114.2	117.6	112.4	114.4	118.6	120.3	114.6	113.1	117.4	121.1	116.9	115.9	120.5	122.8

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16 Produktiviti buruh suku tahunan, indeks produktiviti buruh per pekerja mengikut aktiviti ekonomi (2015=100), ST1 2020 - ST4 2024

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



16 Quarterly labour productivity, index of labour productivity per employment by economic activity (2015=100), Q1 2020 - Q4 2024

2021		2022 ^a				2023 ^b				2024			
III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
111.3	103.7	95.1	97.3	114.5	106.9	95.4	96.3	114.2	108.1	97.0	102.3	117.6	106.2
85.9	96.2	98.7	95.9	94.5	102.9	99.7	93.2	93.1	106.3	105.4	95.5	89.3	104.9
113.4	124.4	117.0	119.4	122.7	126.4	117.8	116.3	118.9	122.4	118.0	119.9	123.8	126.0
109.3	104.0	89.1	103.8	108.8	104.5	91.1	100.5	106.0	106.3	87.5	103.0	111.8	110.8
73.7	122.9	107.3	136.3	110.0	115.8	110.9	141.1	110.4	118.3	116.1	146.7	118.6	124.1
95.2	106.9	104.6	97.6	101.2	109.8	112.3	105.9	105.1	108.4	112.2	108.4	108.5	109.1
110.2	130.5	141.7	132.6	123.7	127.1	134.8	125.2	118.9	124.7	136.1	129.9	125.8	128.6
123.0	119.3	105.1	107.2	123.9	118.1	105.8	105.0	120.1	114.4	105.1	106.7	122.5	115.5
89.5	103.9	100.1	99.9	98.3	104.8	102.6	103.9	100.5	107.7	107.8	110.4	107.1	110.2
129.1	142.0	152.4	142.0	143.9	149.0	149.0	134.2	136.5	138.1	150.1	138.3	144.3	147.3
91.2	154.6	110.0	139.0	119.2	151.4	110.8	131.8	118.0	154.2	113.4	136.9	117.6	149.3
94.3	99.7	102.6	102.7	108.4	109.8	109.5	108.0	114.6	112.4	121.2	125.7	136.2	134.5
104.2	114.5	111.2	112.3	116.1	119.4	114.5	113.2	118.1	120.7	116.7	115.7	119.6	122.8
113.8	119.9	113.2	116.1	116.7	115.9	113.1	119.4	118.8	118.9	117.2	116.1	115.6	113.9
97.8	114.9	103.4	107.8	115.2	120.5	109.9	110.6	119.3	123.6	111.2	111.9	119.8	124.4
64.1	80.6	89.6	89.8	93.4	95.1	93.5	90.3	90.1	91.7	93.1	89.3	89.4	92.9
89.4	104.0	110.6	110.4	112.0	115.5	119.3	118.0	120.7	127.2	129.0	124.8	127.4	134.5
126.0	122.8	128.2	126.6	126.3	123.5	125.4	125.0	125.0	123.5	126.0	125.4	125.8	125.0
122.1	127.5	127.2	123.2	127.1	127.2	126.3	114.7	123.9	118.8	125.4	123.3	125.7	123.2
84.4	91.0	104.2	107.7	109.2	111.3	111.5	112.8	115.8	117.6	119.6	119.8	123.2	124.8
116.2	125.0	118.6	117.9	121.3	128.3	122.2	121.9	125.9	132.9	126.6	125.5	129.9	136.8
105.0	114.4	110.4	111.5	115.9	118.9	112.9	111.4	116.4	119.4	115.3	114.9	119.3	122.0

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17 Indeks jam bekerja tahunan mengikut aktiviti ekonomi (2015=100), 2020 - 2024
Annual hours worked index by economic activity (2015=100), 2020 - 2024

Aktiviti ekonomi <i>Economic activity</i>		2020	2021	2022 ^e	2023 ^p	2024
1.	Pertanian <i>Agriculture</i>	97.6	102.1	103.5	105.1	105.9
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	88.0	91.7	95.3	97.1	98.5
3.	Pembuatan <i>Manufacturing</i>	96.6	102.7	111.0	115.1	117.4
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	110.7	118.6	129.9	137.1	142.4
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	95.9	93.2	97.2	102.0	110.9
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	114.3	118.4	128.0	125.6	126.6
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	81.4	82.9	92.9	97.2	96.8
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	98.5	105.9	110.4	113.2	118.2
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>	99.2	104.0	110.8	113.4	115.3
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	94.7	102.8	111.6	116.9	118.0
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	78.9	85.5	94.4	99.2	100.5
4.	Pembinaan <i>Construction</i>	81.1	83.8	89.8	91.2	91.1
5.	Perkhidmatan <i>Services</i>	101.4	107.8	115.8	120.5	125.4
5.1	Utiliti <i>Utilities</i>	97.7	102.3	110.8	114.1	117.6
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	106.8	113.0	123.7	126.6	131.3
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	108.9	117.7	126.3	138.0	146.7
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	95.7	102.9	114.6	120.8	123.6
5.5	Maklumat dan komunikasi <i>Information and communication</i>	107.9	118.9	127.2	131.2	136.5
5.6	Kewangan dan insurans <i>Finance and insurance</i>	98.6	103.7	103.5	106.8	111.7
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	102.6	106.2	113.2	118.4	122.2
5.8	Perkhidmatan lain <i>Other services</i>	93.1	99.4	105.2	107.6	111.5
Jumlah jam bekerja <i>Total hours worked</i>		97.7	103.5	110.4	114.3	117.7



18 Indeks pekerja tahunan mengikut aktiviti ekonomi (2015=100), 2020 - 2024
Annual employment index by economic activity (2015=100), 2020 - 2024

Aktiviti ekonomi <i>Economic activity</i>		2020	2021	2022 ^e	2023 ^p	2024
1.	Pertanian <i>Agriculture</i>	99.4	99.9	99.2	99.9	100.7
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	93.3	94.8	96.0	96.5	96.7
3.	Pembuatan <i>Manufacturing</i>	107.3	110.1	114.3	117.6	119.4
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	116.9	122.4	128.6	135.9	139.4
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	102.0	100.1	101.8	105.5	108.4
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	112.7	117.1	121.4	117.5	118.7
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	95.5	95.6	98.3	102.2	103.9
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	108.8	112.7	115.7	117.1	119.6
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	111.0	112.2	115.3	117.9	120.6
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	108.0	110.8	116.0	120.2	120.3
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	91.0	91.9	97.1	101.7	102.4
4.	Pembinaan <i>Construction</i>	92.2	91.3	91.1	92.1	92.9
5.	Perkhidmatan <i>Services</i>	113.1	114.7	119.4	123.5	127.9
5.1	Utiliti <i>Utilities</i>	105.5	106.7	110.2	111.1	116.9
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	120.0	122.7	129.2	131.9	136.5
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	124.0	125.1	131.8	143.0	152.2
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	109.7	108.9	116.9	123.1	128.1
5.5	Maklumat dan komunikasi <i>Information and communication</i>	118.5	121.6	126.4	132.3	135.9
5.6	Kewangan dan insurans <i>Finance and insurance</i>	107.8	107.3	107.5	109.6	111.6
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	115.8	114.4	117.9	121.1	124.5
5.8	Perkhidmatan lain <i>Other services</i>	102.0	104.7	107.6	109.4	111.6
Jumlah pekerja <i>Total employment</i>		107.9	109.3	112.6	115.8	118.8

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19 Indeks jam bekerja suku tahunan mengikut aktiviti ekonomi (2015=100), ST1 2020 - ST4 2024

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



19 Quarterly hours worked index by economic activity (2015=100), Q1 2020 - Q4 2024

2021		2022 ^e				2023 ^p				2024			
III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
103.0	101.6	102.0	103.6	105.1	103.3	103.8	105.5	107.0	104.3	104.6	106.8	106.8	105.6
91.7	94.2	95.2	93.6	96.1	96.1	96.1	98.1	96.5	98.0	98.9	97.1	98.3	99.7
99.2	109.3	110.3	110.0	110.7	113.2	113.6	114.6	115.8	116.2	116.2	116.6	118.3	118.5
116.7	126.6	129.6	128.1	129.4	132.6	135.8	134.8	139.5	138.2	138.7	142.1	144.0	144.7
93.8	95.8	101.0	93.9	96.8	97.2	101.0	105.1	95.8	106.1	118.6	107.3	107.9	109.9
114.2	125.1	132.0	130.4	126.4	123.2	127.5	130.2	123.5	121.2	125.6	127.7	129.2	123.8
77.6	91.1	91.4	91.5	92.8	95.7	93.7	96.2	99.8	99.2	95.5	95.8	97.2	98.7
104.6	108.8	110.2	109.5	110.6	111.4	112.4	112.9	113.3	114.1	117.1	118.9	119.6	117.3
97.5	111.3	110.6	109.8	110.8	112.1	112.3	111.4	114.0	116.0	113.6	112.5	115.6	119.5
100.6	110.3	108.2	110.4	111.6	116.2	113.4	117.5	117.8	119.0	117.8	116.5	117.9	119.8
80.2	91.5	94.4	92.6	92.4	98.1	101.7	97.6	98.5	99.2	100.9	100.5	102.0	98.5
76.3	88.5	90.2	88.9	89.8	90.2	91.0	91.2	91.5	91.1	90.6	89.8	91.5	92.6
105.0	111.6	114.2	114.3	115.7	118.8	119.2	119.6	121.4	121.9	122.6	125.5	125.9	127.4
96.1	107.3	109.6	106.8	109.7	117.1	113.1	112.1	115.0	116.2	113.6	117.6	120.1	119.2
110.6	118.2	120.9	122.1	124.1	127.7	126.1	126.8	126.8	126.8	128.9	130.5	132.5	133.2
117.7	122.2	126.4	123.4	126.9	128.6	134.6	135.1	140.7	141.5	140.4	146.1	147.9	152.4
97.0	107.4	111.5	112.0	114.2	120.7	120.0	120.3	120.5	122.6	120.7	123.8	123.7	126.1
118.4	125.0	122.5	122.5	129.1	134.8	127.9	130.1	131.8	134.9	133.9	135.4	137.2	139.5
101.6	104.9	105.6	105.5	102.8	100.1	100.9	109.0	107.5	109.9	111.0	110.8	113.0	112.2
102.0	108.9	111.7	111.4	111.4	118.1	118.9	117.0	119.3	118.6	120.6	123.7	122.1	122.4
95.9	101.9	103.9	105.0	105.1	106.6	106.7	106.4	108.4	108.9	109.5	112.5	111.4	112.7
100.5	107.3	109.3	109.3	110.5	112.6	113.1	113.7	115.2	115.2	115.6	117.5	118.3	119.2

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110 Indeks pekerja suku tahunan mengikut aktiviti ekonomi (2015=100), ST1 2020 - ST4 2024

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



110 Quarterly employment index by economic activity (2015=100), Q1 2020 - Q4 2024

2021		2022 ^e				2023 ^p				2024			
III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
100.7	98.5	98.8	99.8	100.1	98.0	99.9	100.0	100.7	98.8	100.0	101.1	101.7	100.0
95.8	96.0	95.9	95.7	96.2	96.3	96.3	96.5	96.6	96.5	96.4	96.7	96.7	96.9
109.8	112.6	113.6	113.7	114.8	115.2	116.5	116.9	118.3	118.7	118.5	118.8	119.9	120.3
122.3	126.0	126.7	127.5	129.4	130.9	132.9	134.6	138.1	138.0	137.8	137.8	140.9	141.0
100.4	100.3	104.1	99.8	100.9	102.3	106.4	105.0	105.0	105.5	108.3	109.0	107.5	108.7
115.0	120.1	124.8	123.1	121.5	116.5	117.2	117.7	117.4	117.9	119.1	119.1	119.1	117.8
95.8	98.5	98.7	97.1	98.8	98.4	99.6	101.4	103.5	104.1	102.8	102.8	104.2	105.6
112.6	113.0	115.4	115.5	116.6	115.1	116.7	116.0	117.3	118.1	118.9	118.8	120.1	120.8
111.2	114.6	115.9	114.3	114.9	116.0	117.0	116.0	118.6	119.9	119.4	119.4	121.5	122.3
111.3	114.1	112.7	115.4	117.1	118.7	119.6	120.3	120.4	120.3	119.6	120.3	120.3	121.1
91.8	94.2	95.8	95.4	96.3	101.0	102.4	101.3	101.7	101.4	102.1	103.0	103.0	101.4
90.6	91.4	91.1	91.1	90.8	91.4	91.7	92.0	92.1	92.5	92.7	92.8	92.9	93.3
114.5	116.1	117.5	118.7	120.0	121.6	122.2	123.0	123.8	125.2	125.6	127.6	128.6	129.8
106.1	107.7	108.1	109.4	111.4	111.8	108.9	110.0	111.7	113.7	112.7	116.8	118.4	119.9
123.2	125.1	126.9	128.8	129.8	131.1	130.7	131.3	132.2	133.4	134.2	136.0	137.2	138.4
125.3	126.4	129.1	130.3	131.9	135.9	139.2	141.9	143.3	147.4	147.5	151.7	153.6	156.0
105.4	110.7	113.8	115.3	117.3	121.2	122.3	122.8	123.0	124.1	125.5	128.3	128.9	129.9
122.2	125.9	122.9	125.3	127.0	130.3	130.5	131.6	132.7	134.5	133.6	135.2	136.6	138.3
107.3	106.8	106.8	106.9	107.7	108.4	109.3	109.1	109.5	110.3	110.8	111.8	111.6	112.1
113.7	115.1	115.5	117.3	119.0	119.7	120.4	120.8	121.2	121.9	122.1	124.4	125.5	125.9
104.6	105.6	106.4	107.1	108.1	108.7	108.8	109.2	109.6	110.2	110.5	111.3	111.8	112.7
109.2	110.4	111.3	112.2	113.1	113.9	114.8	115.4	116.1	116.8	117.2	118.6	119.5	120.0

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4

NOTA
TEKNIKAL
Technical Notes

PENGENALAN

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

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

SKOP DAN LIPUTAN

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

Klasifikasi Aktiviti Ekonomi mengikut MSIC 2008 Ver. 1.0

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



KONSEP DAN DEFINISI

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

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

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

Nilai ditambah

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

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

Pekerja

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

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



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

Jumlah jam bekerja

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

$$THW = AHW \times EmpHW$$

di mana:

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

Produktiviti buruh per pekerja

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

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

di mana:

LPE	Produktiviti buruh per pekerja
VA	Nilai ditambah
Emp	Pekerja

Produktiviti buruh per jam bekerja

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



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

di mana:

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

Indeks produktiviti buruh

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

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

di mana:

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

KAEDAH PENGANGGARAN PRODUKTIVITI BURUH

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

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

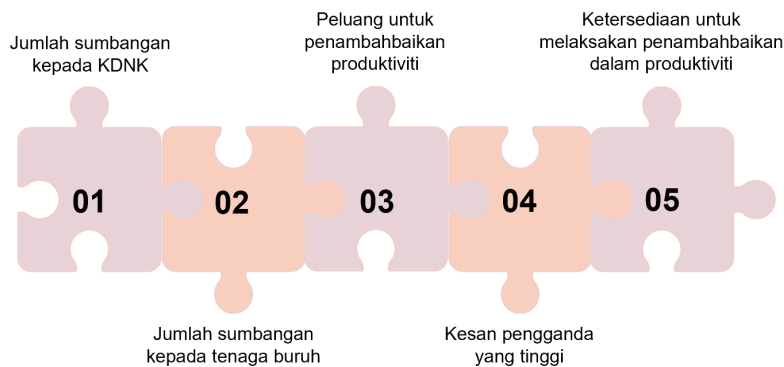
Kaedah penganggaran data pekerja adalah berdasarkan data banci dan survei yang dijalankan oleh DOSM serta data pentadbiran daripada pelbagai agensi. Anggaran suku tahunan dan tahunan meliputi keseluruhan pekerja mengikut aktiviti ekonomi. Pekerja tahunan adalah purata pekerja suku tahunan bagi tahun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



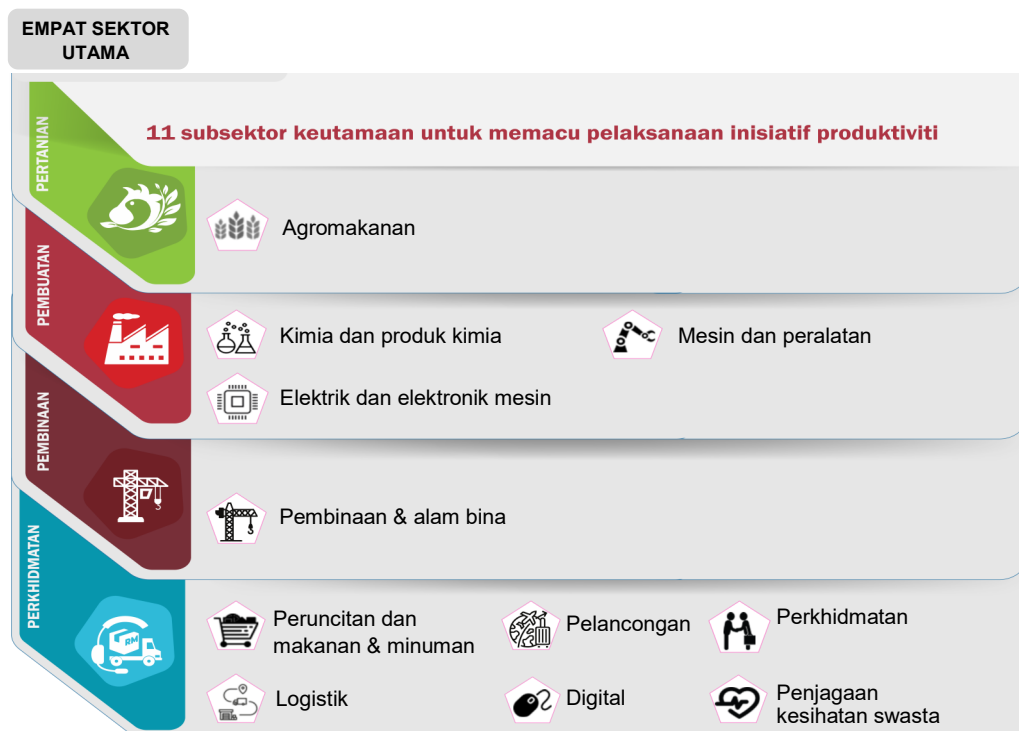
11 SUBSEKTOR KEUTAMAAN

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

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



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



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

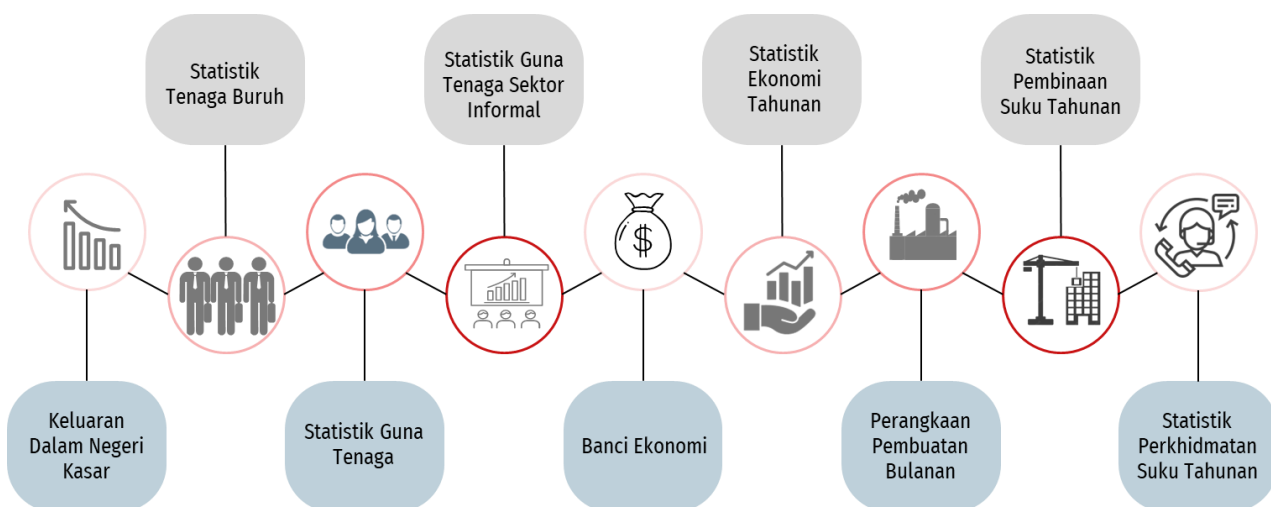
Klasifikasi 11 subsektor keutamaan menggunakan MSIC 2008 Ver. 1.0

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



SUMBER DATA

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



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

PEMBUNDARAN

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

SIMBOL DAN SINGKATAN

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

PENERBITAN DAN SEMAKAN STATISTIK

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



INTRODUCTION

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

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

SCOPE AND COVERAGE

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

Classification of Economic Activity according to MSIC 2008 Ver. 1.0

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



CONCEPT AND DEFINITION

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

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

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

Value added

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

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

Employment

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

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



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

Total hours worked

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

$$\text{THW} = \text{AHW} \times \text{EmpHW}$$

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.

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

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.

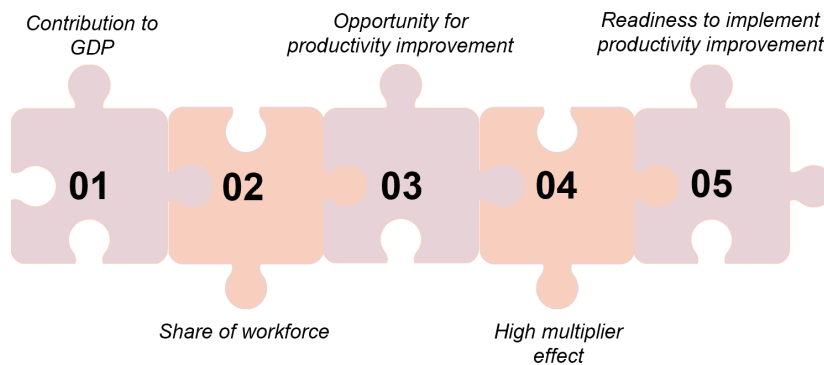
The methodology of estimating employment data are based on censuses and surveys data conducted by DOSM as well as administrative data from various agencies. Quarterly and annual estimations cover the entire employment according to the economic activity. Annual employment is the average quarterly employment 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.



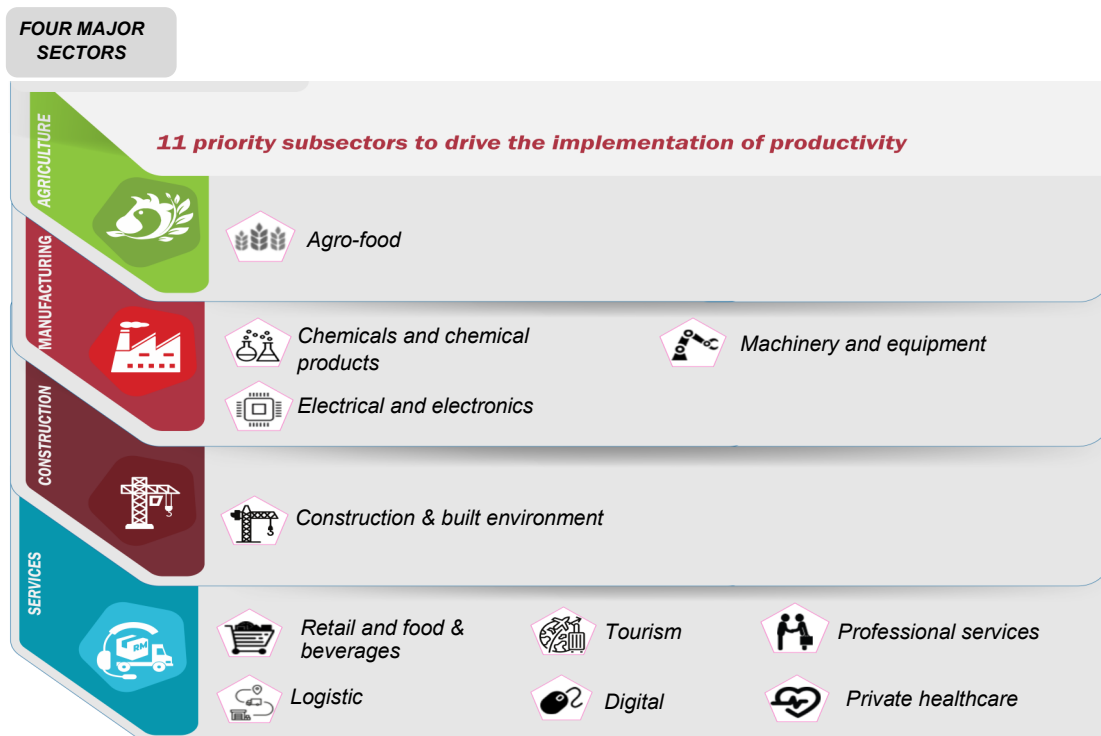
11 PRIORITY SUBSECTORS

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 subsectors were identified as presenting high potential growth for the country. Starting 2023, two new priority subsectors were introduced, namely Construction & built environment and Logistic, bringing the total priority subsector to 11, while the number of main sectors also increased, namely Agriculture, Manufacturing, Construction, and Services. In this regard, the priority subsector of Agro-food and Private healthcare has also been reviewed and reported in fourth quarter 2023 [refer to table on page 80].

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



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



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

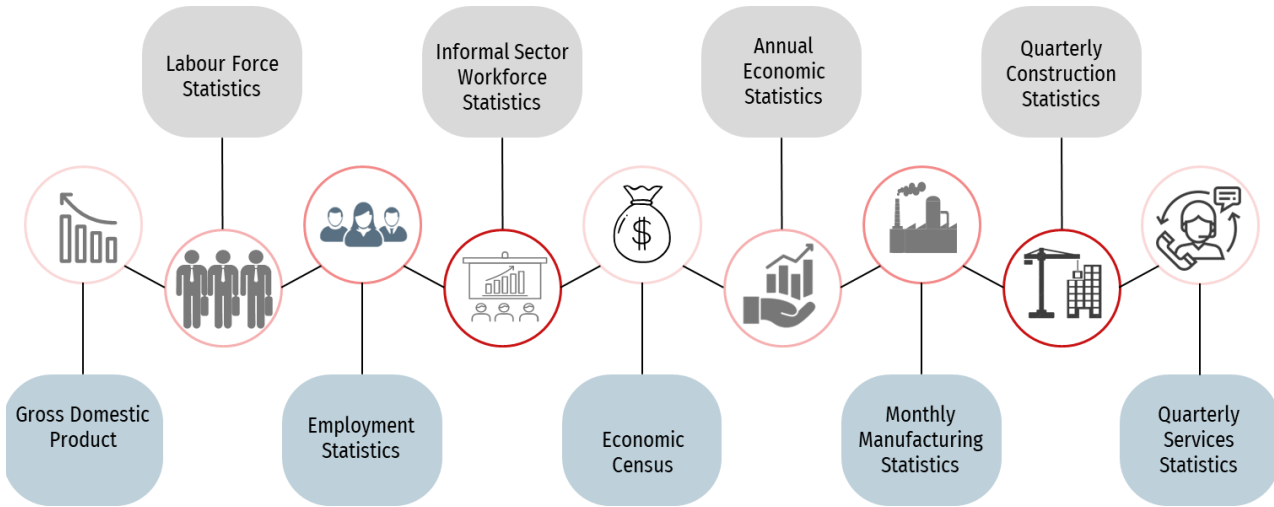
Classification of 11 priority subsectors using MSIC 2008 Ver. 1.0

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

PUBLICATION AND REVISION OF STATISTICS

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



**PENERBITAN INI BOLEH JUGA DIPEROLEH DI JABATAN PERANGKAAAN NEGERI SEPERTI BERIKUT:
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