



**JABATAN PERDANA MENTERI
JABATAN PERANGKAAN MALAYSIA**

PRODUKTIVITI BURUH

LABOUR PRODUCTIVITY

SUKU PERTAMA 2022

FIRST QUARTER 2022

Pemakluman / Announcement:

Jabatan Perangkaan Malaysia sedang menjalankan Survei Pendapatan, Perbelanjaan Isi Rumah dan Kemudahan Asas (HIES/BA) 2022 bermula dari 1 Januari 2022 sehingga 31 Disember 2022.

Department of Statistics Malaysia is conducting Household Income, Expenditure and Basic Amenities Survey (HIES/BA) 2022 from 1st January 2022 until 31st December 2022.

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

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

**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 tahun pertama 2022. 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 tahun pertama 2018 hingga suku tahun pertama 2022. Anggaran nilai ditambah pada harga malar dinilai pada harga asas 2015 selaras dengan pengasasan 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, pihak 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. Mulai penerbitan suku tahun pertama 2022, indeks produktiviti buruh diterbitkan kepada umum sebagai satu komponen baharu penerbitan, iaitu di bahagian ketiga. Sementara itu, aspek teknikal seperti skop dan liputan, konsep dan definisi serta pembolehubah 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

Mei 2022

PREFACE

This publication presents quarterly labour productivity statistics in Malaysia for the first quarter of 2022. The concept of labour productivity used refers to the ratio between 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 2018 to the first quarter of 2022. 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, academics, private sectors 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. Starting first quarter 2022, labour productivity indices will be included as a new component to the publication that is in section three. 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 users in better understanding of the 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 greatly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician Malaysia

May 2022

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RINGKASAN PENEMUAN

Summary of Findings



JABATAN PERDANA MENTERI
JABATAN PERANGKAAAN MALAYSIA



PRODUKTIVITI BURUH SUKU PERTAMA 2022

"Mulai penerbitan suku tahun pertama 2022, indeks produktiviti buruh dimasukkan sebagai satu komponen baharu."



PRODUKTIVITI BURUH, NILAI DITAMBAH PER PEKERJA

Produktiviti buruh per pekerja **meningkat 2.7%** pada ST1 2022 dengan nilai ditambah per pekerja adalah **RM23,129**



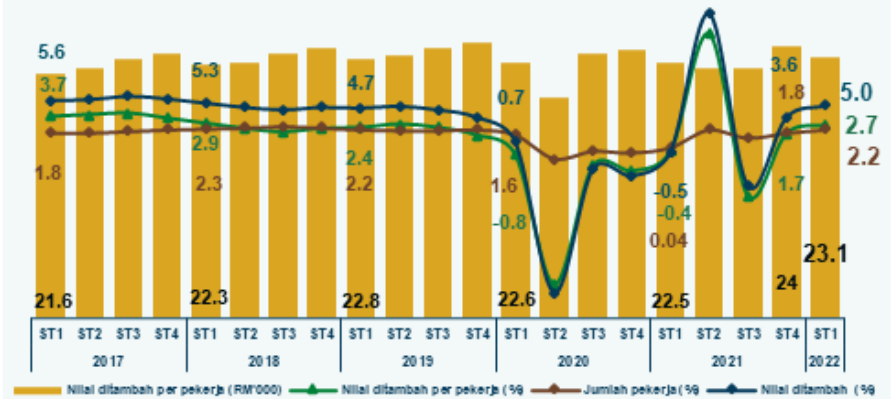
ST1 2022
RM23,129
(2.7%)

Produktiviti Buruh
(per pekerja)



ST1 2022
15,575
(2.2%)

Jumlah Pekerja
('000 orang)



ST1 2022
ST4 2021

Pertanian

RM12,192 **1.0%**
RM13,463 **2.9%**



Perlombongan & Pengkuarian

RM317,500 **-3.6%**
RM314,462 **-10.5%**



Pembuatan

RM32,270 **2.8%**
RM34,308 **5.3%**



Pembinaan

RM9,351 **-5.5%**
RM9,080 **-11.2%**



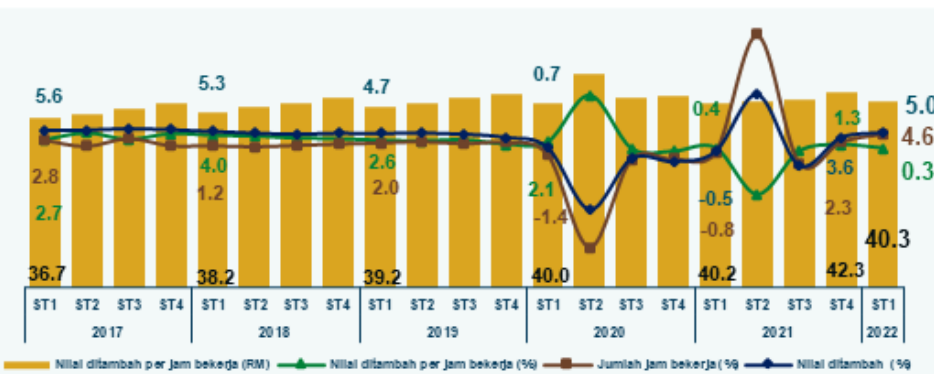
Perkhidmatan

RM21,918 **3.6%**
RM22,621 **1.1%**



PRODUKTIVITI BURUH, NILAI DITAMBAH PER JAM BEKERJA

Produktiviti buruh per jam bekerja **tumbuh pada kadar marginal 0.3%** pada ST1 2022 manakala jam bekerja **naik 4.6%**



ST1 2022
RM40.3
(0.3%)

Produktiviti Buruh
(per jam bekerja)



ST1 2022
8,935
(4.6%)

Jumlah Jam Bekerja
(juta jam)



Pertanian

RM22.9 **-0.2%**
RM25.3 **1.7%**



Perlombongan & Pengkuarian

RM530.9 **-4.8%**
RM532.4 **-9.1%**



Pembuatan

RM54.9 **-0.1%**
RM58.3 **4.6%**



Pembinaan

RM15.6 **-8.2%**
RM15.5 **-11.0%**



Perkhidmatan

RM38.2 **1.2%**
RM39.9 **0.8%**



ST1 2022
ST4 2021

Nota:

1) Produkiviti buruh per pekerja ¹⁾ Jumlah pekerja ('000 orang) Produkiviti buruh per jam bekerja ²⁾ Jumlah jam bekerja (juta jam)

Sumber: Produktiviti Buruh,
Suku Pertama 2022
Jabatan Perangkaan Malaysia (DOSM)



PRIME MINISTER'S DEPARTMENT
DEPARTMENT OF STATISTICS MALAYSIA



MBLS

LABOUR PRODUCTIVITY OF FIRST QUARTER 2022

"Starting first quarter 2022, labour productivity indices will be included as a new component to the publication."



LABOUR PRODUCTIVITY, VALUE ADDED PER EMPLOYMENT

Labour productivity increased in Q1 2022 by 2.7% with value added per employment at RM23,129



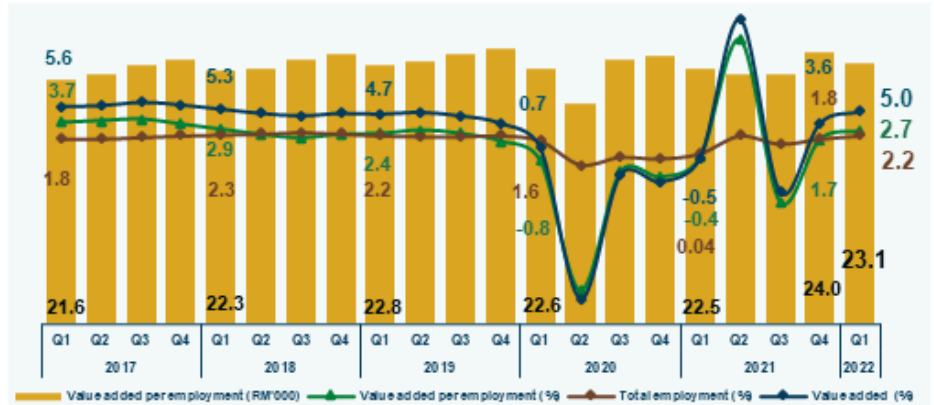
Q1 2022
RM23,129
(2.7%)

Labour Productivity
(per person)

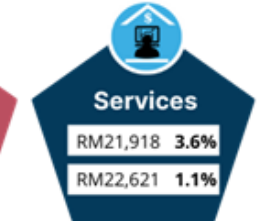
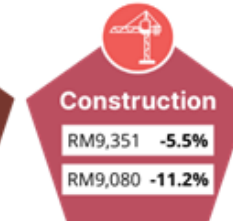
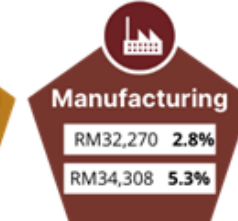
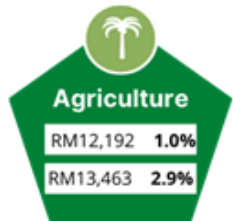


Q1 2022
15,575
(2.2%)

Total Employment
('000 persons)



Q1 2022
Q4 2021



LABOUR PRODUCTIVITY, VALUE ADDED PER HOUR WORKED

Labour productivity per hour worked grew at a marginal rate of 0.3% in Q1 2022 while total hours worked went up by 4.6%



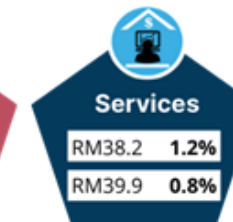
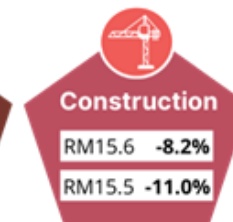
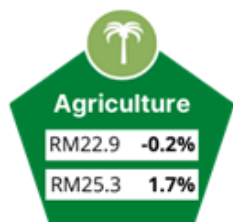
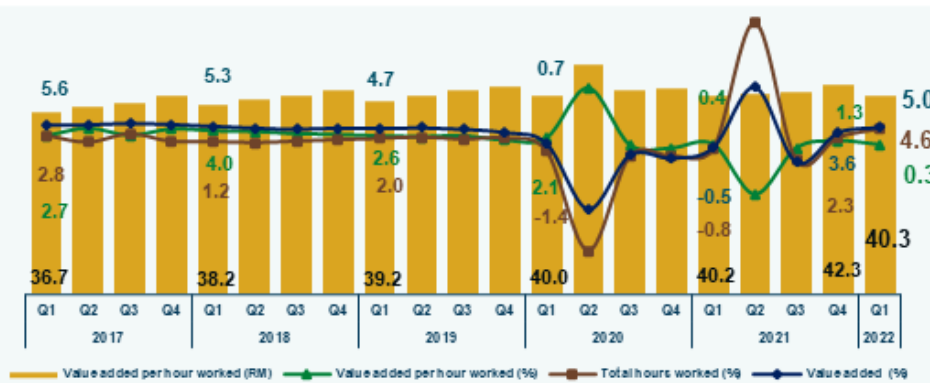
Q1 2022
RM40.3
(0.3%)

Labour productivity
(per hour worked)



Q1 2022
8,935
(4.6%)

Total hours worked
(million hours)



Q1 2022
Q4 2021

Notes:

1) Labour productivity per employment ¹ Total employment ('000 persons) Labour productivity per hour worked ² Total hours worked (million hours)

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

Source: Labour Productivity,
First Quarter 2022
Department of Statistics Malaysia (DOSM)

"Mulai penerbitan suku tahun pertama 2022, indeks produktiviti buruh dimasukkan sebagai satu komponen baharu."

PRESTASI PRODUKTIVITI BURUH SUKU PERTAMA 2022

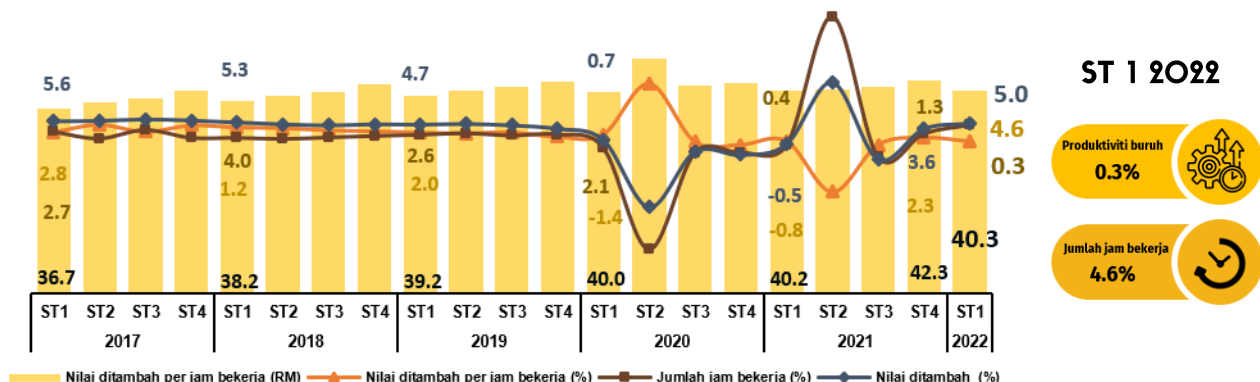


PRODUKTIVITI BURUH MALAYSIA

Pada suku pertama 2022, produktiviti buruh Malaysia yang diukur sebagai nilai ditambah per jam bekerja meningkat pada kadar marginal 0.3 peratus (ST4 2021: 1.3%) seperti yang digambarkan dalam Carta 1. Pada suku ini, nilai ditambah berkembang 5.0 peratus (ST4 2021: 3.6%) manakala jam bekerja meningkat 4.6 peratus (ST4 2021: 2.3%).

Carta 1

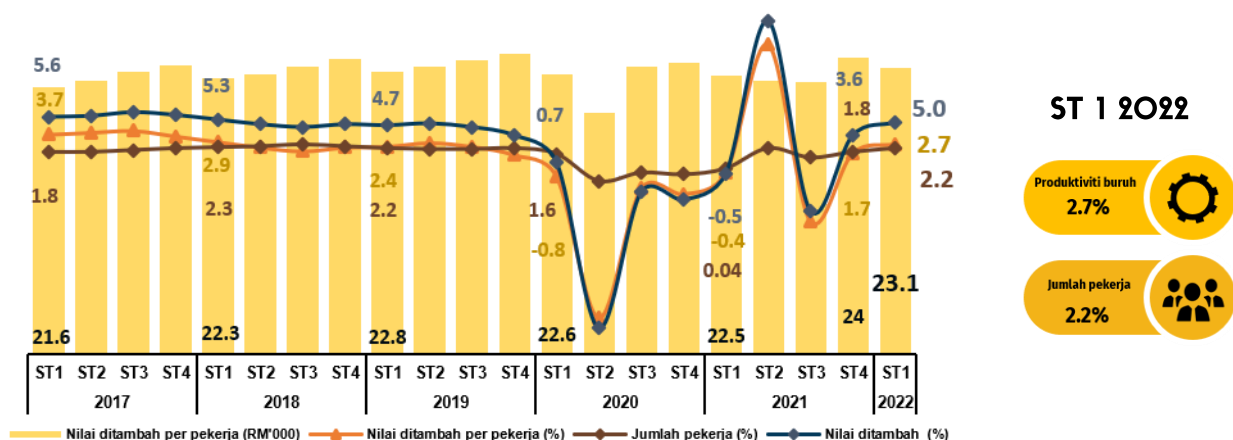
Produktiviti Buruh per Jam Bekerja dan Jumlah Jam Bekerja, Perubahan Peratusan Tahunan, ST1 2016 - ST1 2022



Sementara itu, produktiviti buruh yang digambarkan sebagai nilai ditambah per pekerja meningkat 2.7 peratus (ST4 2021: 1.7%) sementara pekerja meningkat 2.2 peratus (ST4 2021: 1.8%) seperti yang ditunjukkan dalam Carta 2.

Carta 2

Produktiviti Buruh per Pekerja dan Jumlah Pekerja, Perubahan Peratusan Tahunan, ST1 2016 - ST1 2022



Produktiviti buruh bagi nilai ditambah per jam bekerja pada suku ini adalah RM40.3 per jam (ST4 2021: RM42.3 per jam) manakala nilai ditambah per pekerja adalah RM23,129 (ST4 2021: RM24,047 per pekerja).



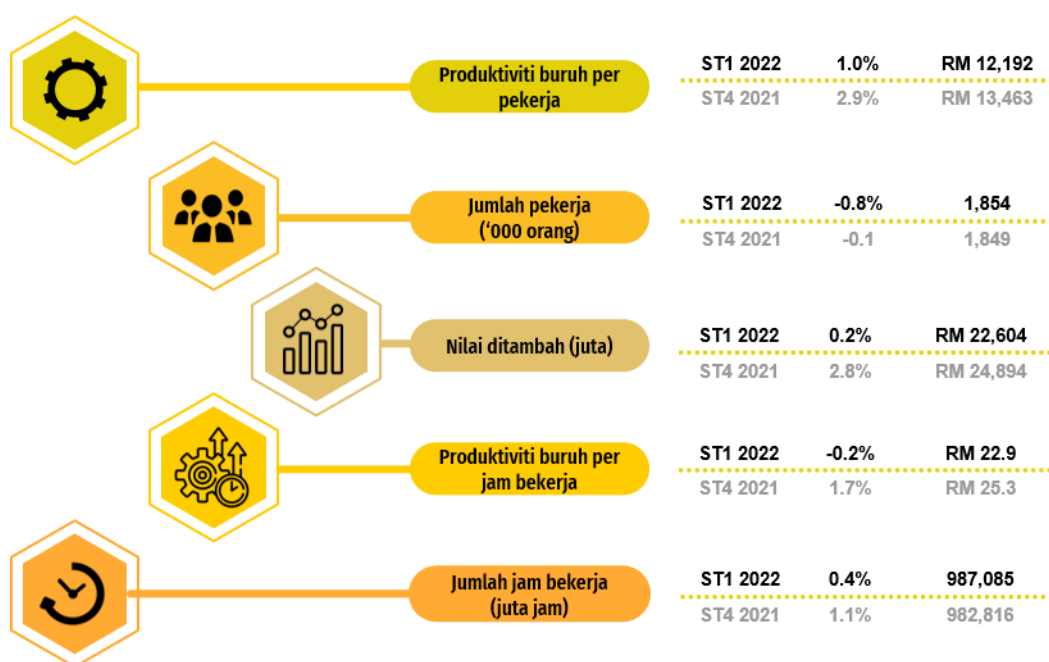
PERTANIAN

Bagi sektor Pertanian, produktiviti buruh per jam bekerja pada suku ini turun marginal 0.2 peratus berbanding pertumbuhan positif 1.7 peratus suku sebelumnya. Nilai ditambah bagi sektor ini meningkat 0.2 peratus (ST4 2021: 2.8%) sementara jumlah jam bekerja meningkat 0.4 peratus (ST4 2021: 1.1%) seperti di **Paparan 1**.

Produktiviti buruh mengikut nilai ditambah per pekerja merekodkan pertumbuhan yang lebih perlahan sebanyak 1.0 peratus (ST4 2021: 2.9%). Di samping itu, pekerja kekal dalam trend menurun sebanyak 0.8 peratus berbanding negatif 0.1 peratus suku sebelumnya.

Pada ST1 2022, nilai ditambah per jam bekerja bagi sektor ini adalah RM22.9 (ST4 2021: RM25.3 per jam) manakala nilai ditambah per pekerja adalah RM12,192 (ST4 2021: RM13,463 per pekerja).

Paparan 1 Produktiviti Buruh Sektor Pertanian, ST42021 - ST1 2022





PERLOMBONGAN DAN PENGKUARIAN

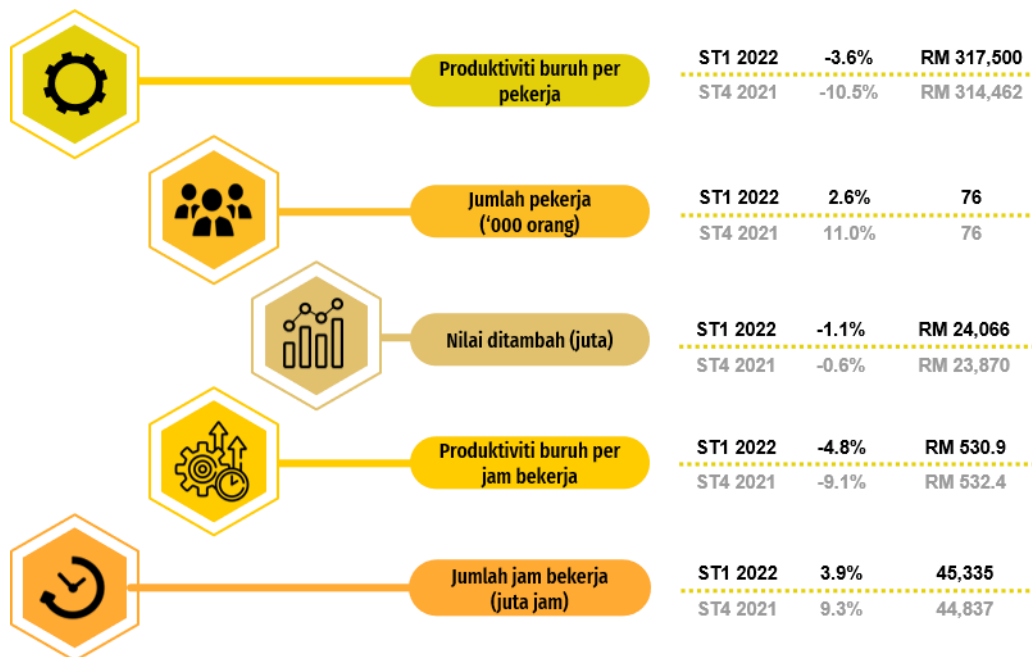
Produktiviti buruh mengikut nilai ditambah per jam bekerja bagi sektor Perlombongan dan pengkuarian menurun sebanyak 4.8 peratus pada suku ini berbanding pertumbuhan negatif 9.1 peratus pada ST4 2021. Nilai ditambah jatuh 1.1 peratus pada suku pertama 2022 (ST4 2021: -0.6%) manakala jam bekerja meningkat 3.9 peratus (ST4 2021: 9.3%) seperti yang digambarkan dalam Paparan 2.

Produktiviti buruh per pekerja jatuh 3.6 peratus berbanding negatif 10.5 peratus manakala pekerja meningkat 2.6 peratus (ST4 2021: 11.0%).

Nilai produktiviti buruh yang diukur sebagai nilai ditambah per jam bekerja adalah RM530.9 pada ST1 2022 (ST4 2021: RM532.4 per jam) manakala nilai ditambah per pekerja adalah RM317,500 (ST4 2021: RM314,462 per pekerja).

Paparan 2

Produktiviti Buruh Sektor Perlombongan dan Pengkuarian, ST4 2021 - ST1 2022



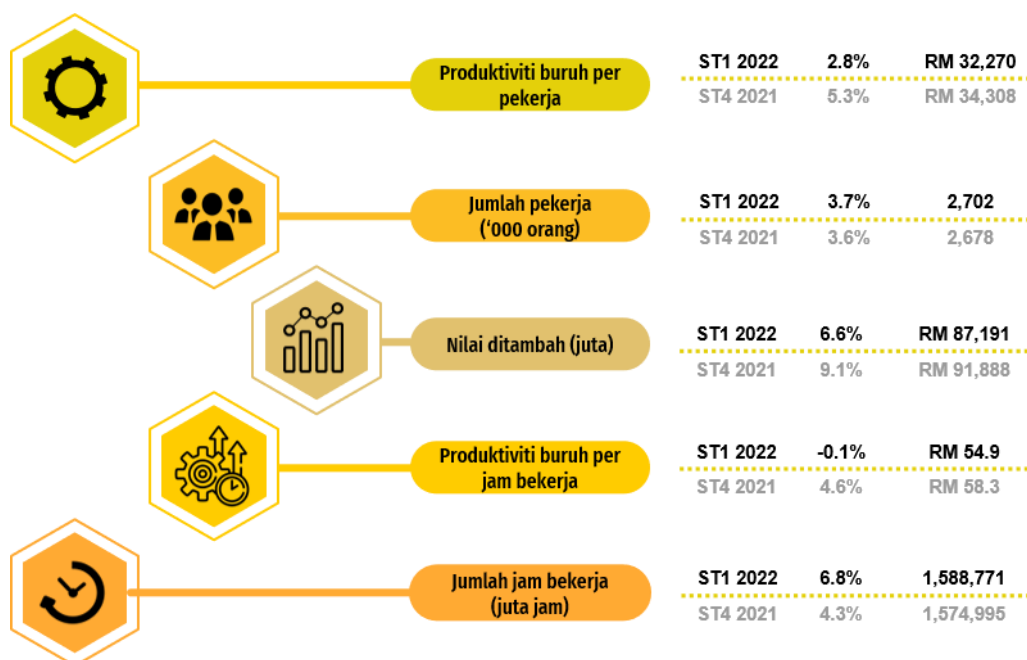


PEMBUATAN

Produktiviti buruh per jam bekerja bagi sektor Pembuatan turun 0.1 peratus pada ST1 2022 (ST4 2021: 4.6%) seperti di **Paparan 3**. Nilai ditambah bagi sektor ini berkembang 6.6 peratus (ST4 2021: 9.1%) manakala jam bekerja meningkat 6.8 peratus (ST4 2021: 4.3%). Pertumbuhan tertinggi produktiviti buruh dicatatkan oleh Produk elektrik, elektronik & optikal (8.0%), Produk mineral bukan logam, logam asas & produk logam yang direka (3.3%) serta Produk kayu, perabot, keluaran kertas & percetakan (0.4%). Sementara itu, **produktiviti buruh yang digambarkan sebagai nisbah nilai ditambah per pekerja meningkat 2.8 peratus** (ST4 2021: 5.3%) manakala **pekerja kekal dengan pertumbuhan positif sebanyak 3.7 peratus** berbanding 3.6 peratus pada ST4 2021.

Dari segi nilai produktiviti buruh, **nilai ditambah per jam bekerja dan nilai ditambah masing-masing adalah RM54.9 per jam** (ST4 2021: RM58.3 per jam) dan **RM32,270** (ST4 2021: RM34,308 per pekerja).

Paparan 3 Produktiviti Buruh Sektor Pembuatan,
ST4 2021 - ST1 2022



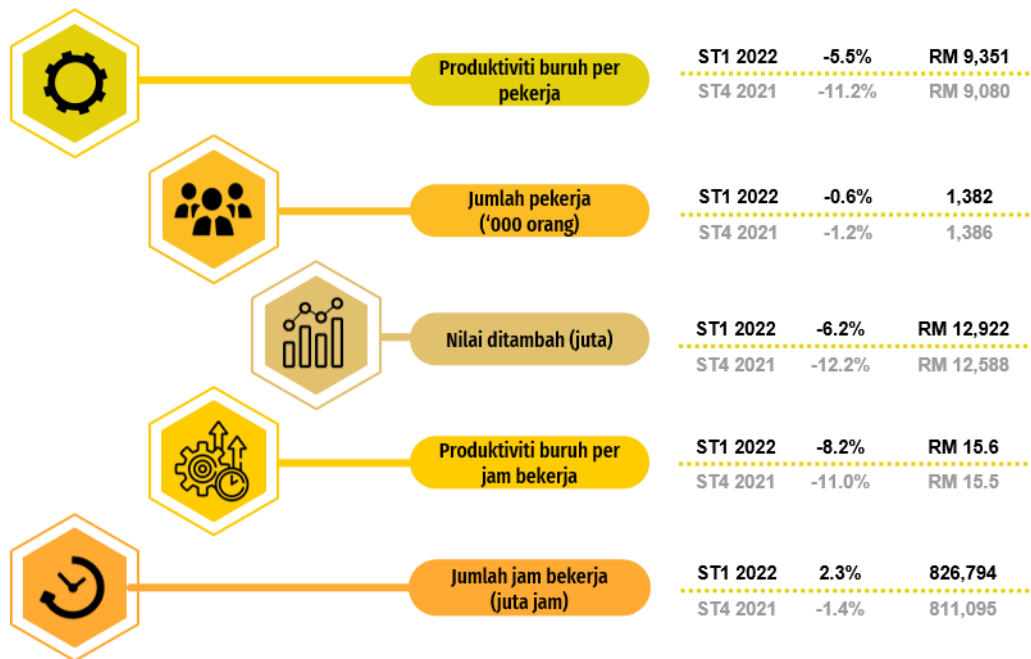


Pada ST1 2022, produktiviti buruh mengikut nilai ditambah per jam bekerja bagi sektor Pembinaan mencatatkan penurunan 8.2 peratus berbanding pertumbuhan negatif dua digit pada 11.0 peratus suku sebelumnya. Nilai ditambah bagi sektor ini jatuh 6.2 peratus (ST4 2021: -12.2%) manakala jam bekerja meningkat kepada 2.3 peratus berbanding negatif 1.4 peratus pada ST4 2021 (**Paparan 4**).

Pada suku ini, produktiviti buruh mengikut nilai ditambah per pekerja bagi sektor ini kekal merosot pada 5.5 peratus (ST4 2021: -11.2%) dengan pekerja turun marginal 0.6 peratus berbanding negatif 1.2 peratus suku sebelumnya.

Nilai produktiviti buruh yang diukur sebagai nilai ditambah per jam bekerja adalah RM15.6 (ST4 2021: RM15.5 per jam) manakala nilai ditambah per pekerja adalah RM9,351 (ST4 2021: RM9,080 per pekerja).

Paparan 4 Produktiviti Buruh Sektor Pembinaan,
ST4 2021 - ST1 2022



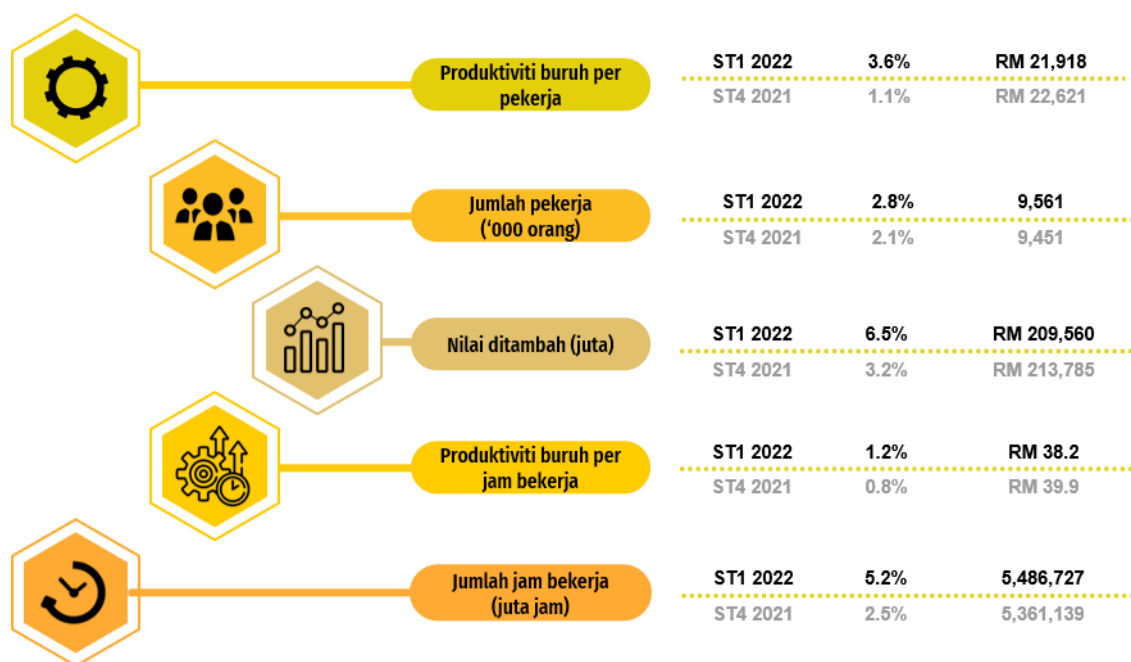


PERKHIDMATAN

Produktiviti buruh mengikut nilai ditambah per jam bekerja bagi sektor Perkhidmatan bertambah baik 1.2 peratus (ST4 2021: 0.8%) seperti yang digambarkan dalam **Paparan 5**. Pada ST1 2022, nilai ditambah bagi sektor ini berkembang kukuh pada 6.5 peratus (ST4 2021: 3.2%) manakala jam bekerja meningkat 5.2 peratus (ST4 2021: 2.5%). Pada suku ini, empat subsektor merekodkan pertumbuhan positif bagi produktiviti buruh per jam bekerja dengan peningkatan tertinggi dicatatkan oleh Pengangkutan & penyimpanan (21.7%), Makanan & minuman dan penginapan (14.6%), diikuti oleh Hartanah & perkhidmatan perniagaan (6.2%) serta Perkhidmatan lain (2.6%). Sementara itu, produktiviti buruh yang digambarkan sebagai nisbah **nilai ditambah per pekerja meningkat 3.6 peratus** (ST4 2021: 1.1%) manakala pekerja bertambah 2.8 peratus (ST4 2021: 2.1%).

Nilai ditambah per jam bekerja bagi sektor Perkhidmatan adalah RM38.2 (ST4 2021: RM39.9 per jam) manakala **nilai ditambah per pekerja adalah RM21,918** (ST4 2021: RM22,621 per pekerja).

Paparan 5 Produktiviti Buruh Sektor Perkhidmatan, ST4 2021 - ST1 2022



"Starting first quarter 2022, labour productivity indices will be included as a new component to the publication."

LABOUR PRODUCTIVITY PERFORMANCE OF FIRST QUARTER 2022

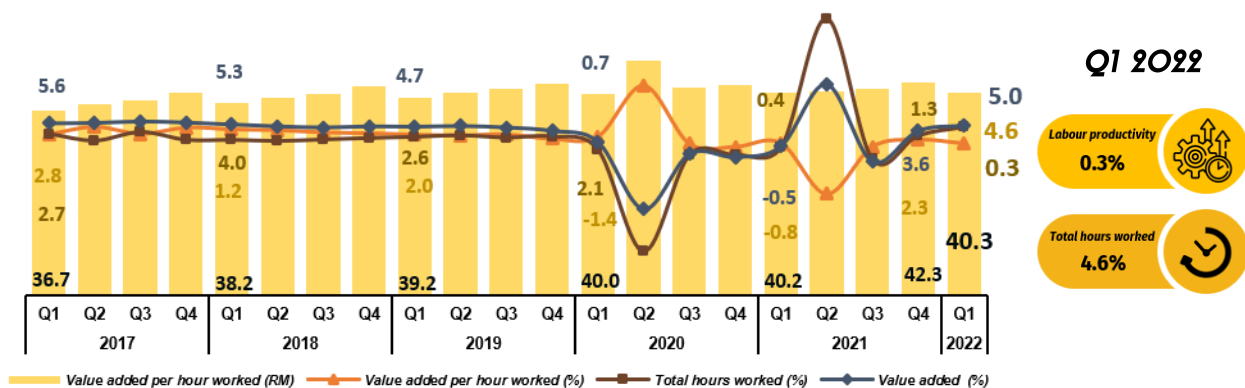


MALAYSIA'S LABOUR PRODUCTIVITY

In the first quarter of 2022, Malaysia's labour productivity as measured by value added per hour worked grew at a marginal rate of 0.3 per cent (Q4 2021: 1.3%) as depicted in Chart 1. During this quarter, value added expanded to 5.0 per cent (Q4 2021: 3.6%) while hours worked increased 4.6 per cent (Q4 2021: 2.3%).

Chart 1

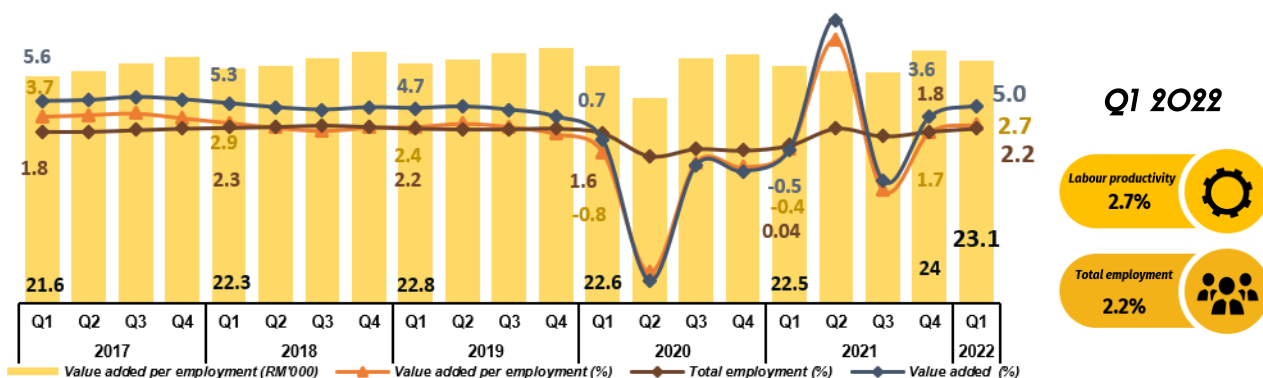
Labour Productivity per Hour Worked and Total Hours Worked, Annual Percentage Change, Q1 2016 - Q1 2022



Meanwhile, labour productivity expressed in terms of value added per employment rose 2.7 per cent (Q4 2021: 1.7%) as employment increased 2.2 per cent (Q4 2021: 1.8%) as illustrated in Chart 2.

Chart 2

Labour Productivity per Employment and Total Employment, Annual Percentage Change, Q1 2016 - Q1 2022



Labour productivity as measured by value added per hour worked during this quarter was RM40.3 (Q4 2021: RM42.3 per hour) while value added per employment was RM23,129 (Q4 2021: RM24,047 per person).



AGRICULTURE

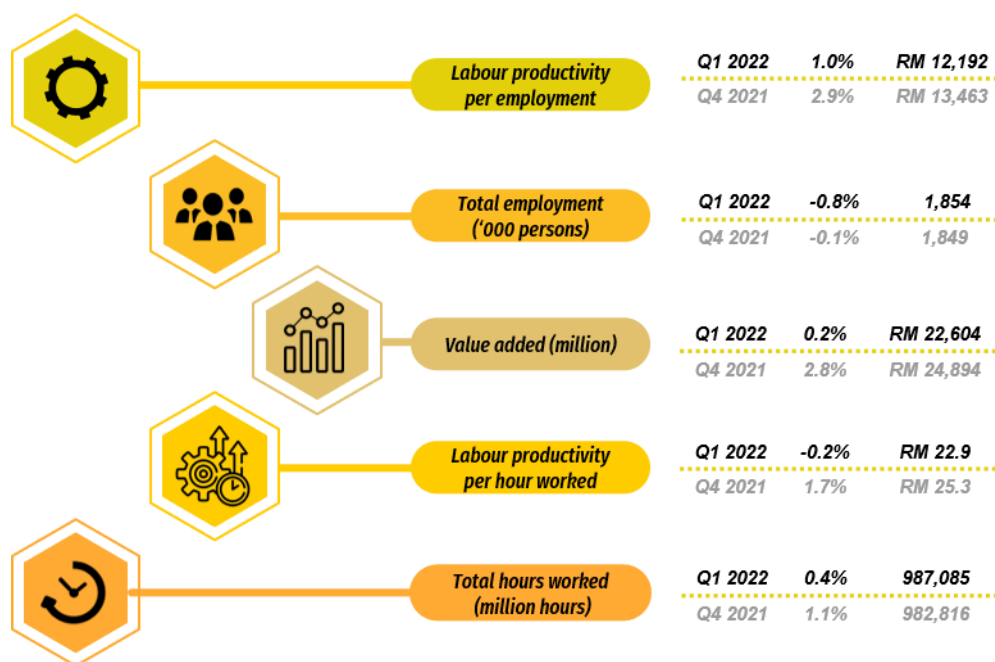
In Agriculture sector, labour productivity per hour worked during the quarter declined marginally at 0.2 per cent as against positive growth of 1.7 per cent last quarter. The value added of this sector grew 0.2 per cent (Q4 2021: 2.8%) while total hours worked increased slightly by 0.4 per cent (Q4 2021: 1.1%) as depicted in Exhibit 1.

Labour productivity by value added per employment recorded a slower growth of 1.0 per cent (Q4 2021: 2.9%). In addition, employment remained in the declining trend at 0.8 per cent as compared to negative 0.1 per cent in the previous quarter.

In Q1 2022, value added per hour worked for this sector was RM22.9 (Q4 2021: RM25.3 per hour) while value added per employment was RM12,192 (Q4 2021: RM13,463 per person).

Exhibit 1

Labour Productivity of Agriculture Sector,
Q4 2021 - Q1 2022





MINING AND QUARRYING

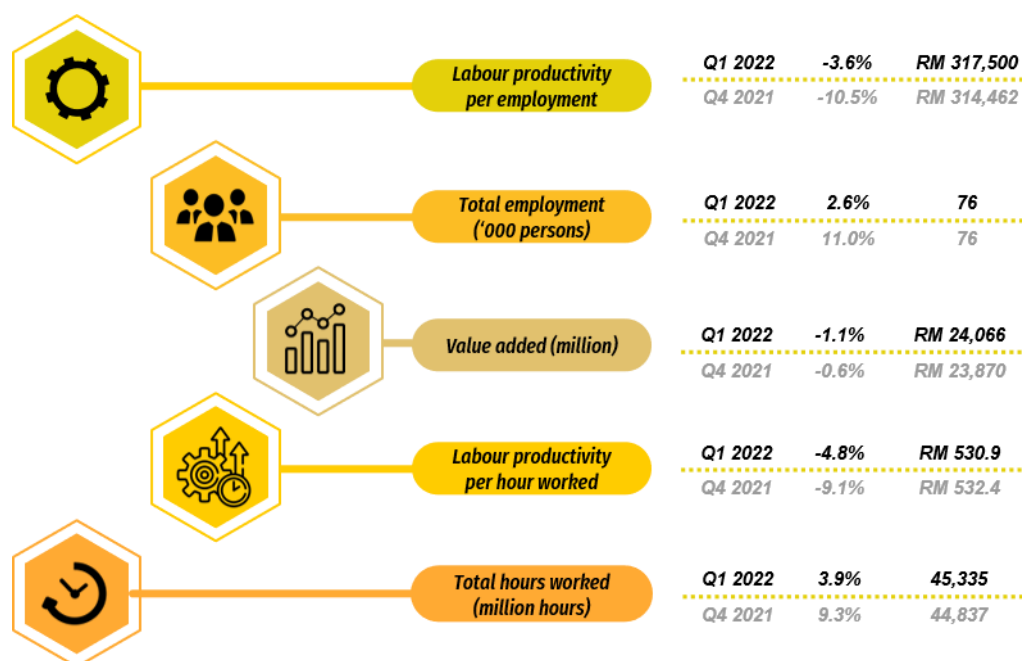
Labour productivity by value added per hour worked for Mining and quarrying sector fell 4.8 per cent in the quarter as against negative growth of 9.1 per cent in Q4 2021. Value added dropped 1.1 per cent in the first quarter of 2022 (Q4 2021: -0.6%) while hours worked increased 3.9 per cent (Q4 2021: 9.3%) as shown in **Exhibit 2**.

Labour productivity per employment decreased 3.6 per cent as against negative 10.5 per cent while employment increased at 2.6 per cent (Q4 2021: 11.0%).

Level of labour productivity which is measured as **value added per hour worked** was **RM530.9 in Q1 2022** (Q4 2021: RM532.4 per hour) while **value added per employment** was **RM317,500** (Q4 2021: RM314,462 per person).

Exhibit 2

**Labour Productivity of Mining and Quarrying Sector,
Q4 2021 - Q1 2022**



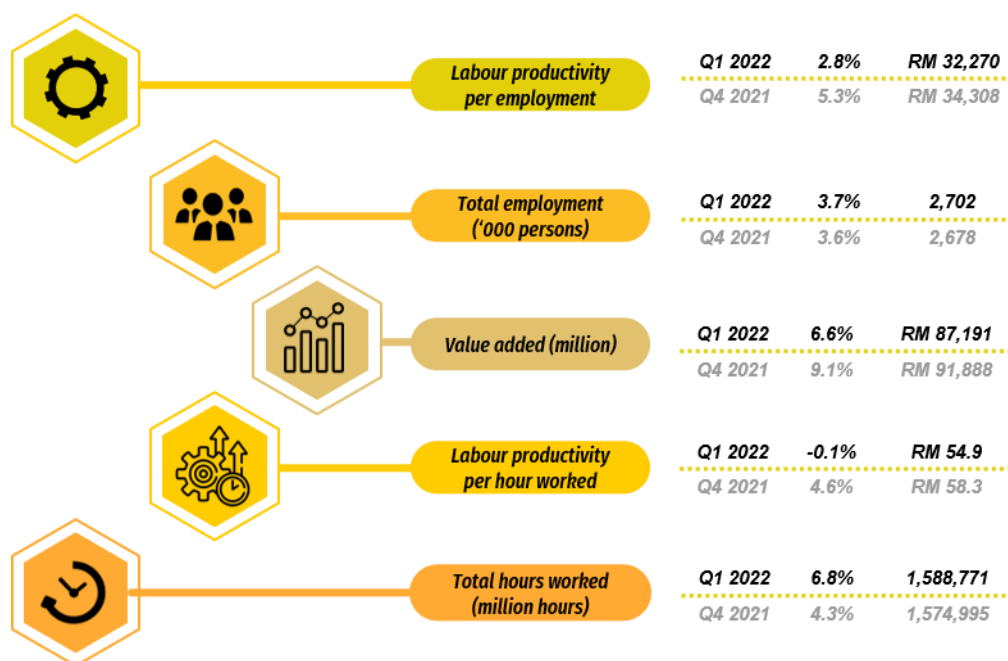


Labour productivity per hour worked for Manufacturing declined slightly by 0.1 per cent in Q1 2022 (Q4 2021: 4.6%) as illustrated in **Exhibit 3**. Value added of this sector grew 6.6 per cent in this quarter (Q4 2021: 9.1%) while hours worked increased 6.8 per cent (Q4 2021: 4.3%). The highest growth of labour productivity were registered by Electrical, electronic & optical products (8.0%), Non-metallic mineral products, basic metal & fabricated metal products (3.3%) and Wood products, furniture, paper products & printing (0.4%). Meanwhile, **labour productivity expressed as ratio of value added per employment went up 2.8 per cent** (Q4 2021: 5.3%) while **employment remains its positive growth at 3.7 per cent** as compared to 3.6 per cent in Q4 2021.

In terms of labour productivity level, **the value added per hour worked and value added per employment were RM54.9** (Q4 2021: RM58.3 per hour) and **RM32,270** (Q4 2021: RM34,308 per person), respectively.

Exhibit 3

**Labour Productivity of Manufacturing Sector,
Q4 2021 - Q1 2022**





CONSTRUCTION

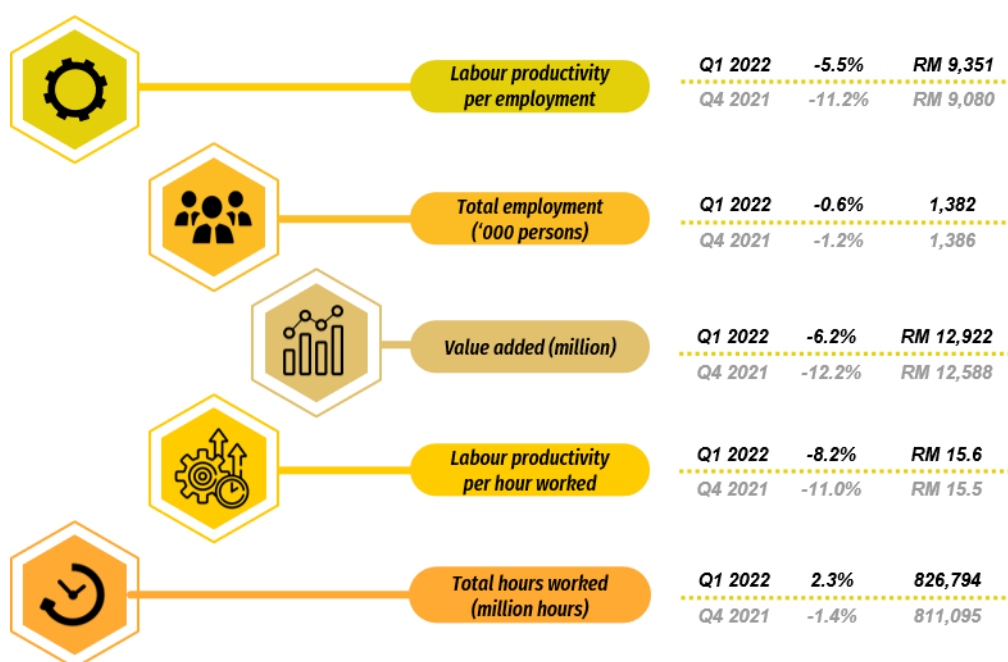
In Q1 2022, labour productivity by value added per hour worked for Construction posted a decrease of 8.2 per cent as opposed to double digit negative growth of 11.0 per cent in last quarter. Value added in this sector decreased 6.2 per cent (Q4 2021: -12.2%) while hours worked rebounded to 2.3 per cent as against negative 1.4 per cent in Q4 2021 (**Exhibit 4**).

During the quarter, labour productivity in terms of value added per employment for this sector remained subdued at 5.5 per cent (Q4 2021: -11.2%) as employment decreased marginally 0.6 per cent as against negative 1.2 per cent in last quarter.

Level of labour productivity which is measured as value added per hour worked was RM15.6 (Q4 2021: RM15.5 per hour) while value added per employment was RM9,351 (Q4 2021: RM9,080 per person).

Exhibit 4

Labour Productivity of Construction Sector,
Q4 2021 - Q1 2022

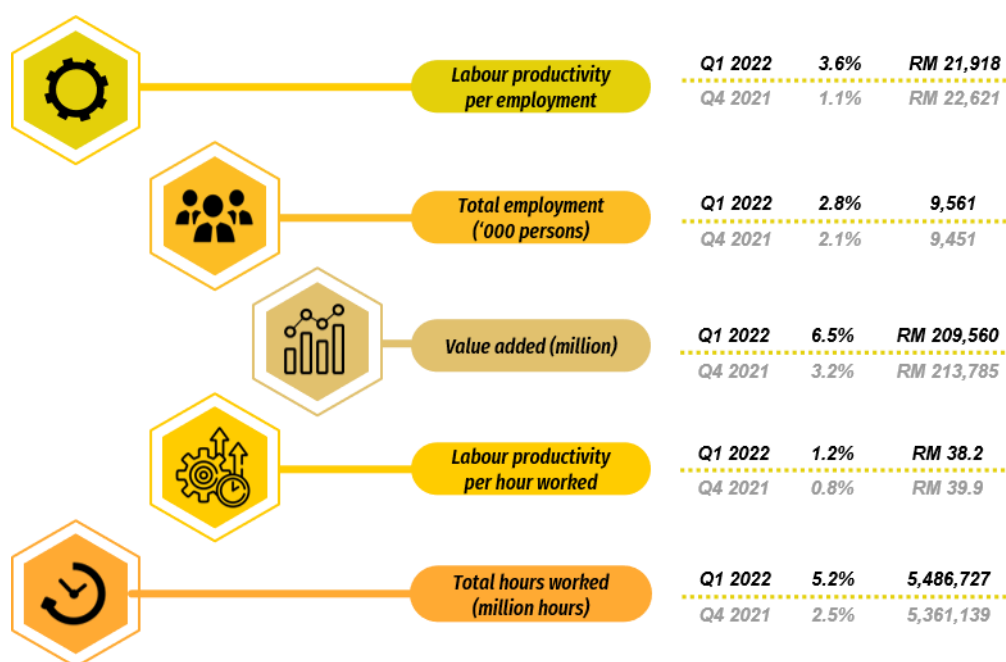


SERVICES

Labour productivity in terms of value added per hour worked for Services sector improved 1.2 per cent (Q4 2021: 0.8%) as portrayed in Exhibit 5. In Q1 2022, value added of this sector expanded strongly at 6.5 per cent (Q4 2021: 3.2%) while hours worked went up 5.2 per cent (Q4 2021: 2.5%). During the quarter, four sub-sectors posted positive growths for labour productivity per hour worked with the largest increase was registered by Transportation & storage (21.7%), Food & beverages and accommodation (14.6%), followed by Real estate & business services (6.2%) and Other services (2.6%). Meanwhile, labour productivity expressed as the ratio of value added per employment stepped up to 3.6 per cent (Q4 2021: 1.1%) while employment increased 2.8 per cent (Q4 2021: 2.1%).

Value added per hour worked for Services sector was RM38.2 (Q4 2021: RM39.9 per hour) while value added per employment was RM21,918 (Q4 2021: RM22,621 per person).

Exhibit 5 Labour Productivity of Services Sector,
Q4 2021 - Q1 2022



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2

JADUAL

Tables

1a

Produktiviti buruh tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi, 2016 - 2021
 Annual labour productivity, value added per hour worked by economic activity, 2016 - 2021

		(RM)					
Aktiviti ekonomi Economic activity		2016	2017	2018	2019	2020 ^e	2021 ^p
1.	Pertanian <i>Agriculture</i>	25.1	25.6	25.7	25.8	26.2	25.0
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	553.6	540.2	558.3	556.3	554.4	533.3
3.	Pembuatan <i>Manufacturing</i>	47.2	48.9	50.5	51.7	55.3	57.0
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	27.8	30.0	30.9	30.4	32.6	31.0
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	188.2	190.6	185.6	187.4	184.1	190.7
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	11.4	12.3	12.0	12.1	10.8	11.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	24.1	25.8	26.6	28.3	30.7	32.2
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	84.6	85.2	87.3	90.7	95.4	100.2
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal</i>	39.5	38.7	40.6	41.7	40.3	40.1
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	56.2	59.3	62.0	63.6	72.4	76.5
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	56.4	58.4	61.3	64.7	73.6	69.0
4.	Pembinaan <i>Construction</i>	16.5	17.6	18.3	19.0	18.0	16.5
5.	Perkhidmatan <i>Services</i>	34.3	35.7	37.5	38.5	39.8	38.2
5.1	Utiliti <i>Utilities</i>	139.8	147.0	151.7	157.0	168.0	164.6
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	35.2	36.2	38.3	39.8	41.0	39.4
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	12.2	12.7	12.9	13.1	10.8	8.9
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	35.0	37.3	39.0	40.6	36.4	34.2
5.5	Maklumat dan komunikasi <i>Information and communication</i>	139.5	140.6	148.5	151.5	170.1	163.9
5.6	Kewangan dan insurans <i>Finance and insurance</i>	99.5	101.6	105.3	108.1	119.8	125.3
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	22.0	23.0	24.3	25.5	23.7	20.3
5.8	Perkhidmatan lain <i>Other services</i>	28.3	30.3	32.5	33.2	35.0	33.6
Produktiviti buruh <i>Labour productivity</i>		37.0	38.4	39.7	40.7	42.1	41.0

1b

Produktiviti buruh tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi, 2016 - 2021: Perubahan peratusan tahunan
 Annual labour productivity, value added per hour worked by economic activity, 2016 - 2021: Annual percentage change

		(%)					
Aktiviti ekonomi Economic activity		2016	2017	2018	2019	2020 ^e	2021 ^p
1.	Pertanian <i>Agriculture</i>	-0.3	1.7	0.7	0.2	1.7	-4.6
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	2.3	-2.4	3.3	-0.4	-0.3	-3.8
3.	Pembuatan <i>Manufacturing</i>	3.6	3.6	3.3	2.5	6.9	3.1
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	-5.2	8.1	2.8	-1.5	7.1	-4.7
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	7.8	1.3	-2.6	1.0	-1.8	3.5
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	2.2	7.5	-2.3	1.1	-11.3	4.5
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	8.7	7.1	3.3	6.4	8.5	4.8
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	3.6	0.6	2.5	3.8	5.2	5.1
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal</i>	2.7	-2.0	4.8	2.8	-3.4	-0.6
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	6.7	5.5	4.6	2.5	13.9	5.6
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	6.7	3.6	4.9	5.6	13.7	-6.2
4.	Pembinaan <i>Construction</i>	9.4	6.7	3.8	3.8	-5.0	-8.3
5.	Perkhidmatan <i>Services</i>	2.3	4.3	5.0	2.7	3.4	-4.2
5.1	Utiliti <i>Utilities</i>	1.7	5.2	3.2	3.4	7.0	-2.0
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	-0.2	2.7	5.8	4.1	2.9	-3.9
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	4.5	3.5	2.0	1.3	-17.2	-17.6
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	0.8	6.6	4.3	4.3	-10.5	-5.8
5.5	Maklumat dan komunikasi <i>Information and communication</i>	8.9	0.8	5.6	2.0	12.3	-3.6
5.6	Kewangan dan insurans <i>Finance and insurance</i>	3.0	2.0	3.7	2.7	10.8	4.6
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	2.7	4.6	5.6	5.1	-7.3	-14.0
5.8	Perkhidmatan lain <i>Other services</i>	3.7	6.9	7.1	2.4	5.4	-4.0
Produktiviti buruh <i>Labour productivity</i>		2.9	3.7	3.5	2.3	3.5	-2.6

2a

Produktiviti buruh tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, 2016 - 2021
Annual labour productivity, value added per employment by economic activity, 2016 - 2021

(RM)

Aktiviti ekonomi Economic activity		2016	2017	2018	2019	2020 ^e	2021 ^p
1.	Pertanian <i>Agriculture</i>	52,940	54,102	54,040	54,225	53,114	52,786
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	1,380,564	1,313,956	1,367,042	1,363,562	1,259,637	1,242,406
3.	Pembuatan <i>Manufacturing</i>	114,548	119,011	121,860	123,881	120,645	128,807
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	62,823	68,302	68,713	69,312	69,029	67,306
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	462,823	466,084	461,884	469,493	426,241	436,636
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	23,756	25,302	24,763	24,763	21,551	22,444
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	61,164	65,105	68,046	70,662	67,085	71,577
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	214,231	218,504	223,805	226,277	219,726	239,387
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>	98,629	97,835	100,423	104,049	90,283	93,119
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	140,770	149,008	153,500	155,087	158,915	177,534
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	139,566	142,021	150,083	157,859	157,916	159,064
4.	Pembinaan <i>Construction</i>	39,714	42,422	43,859	45,421	38,322	36,669
5.	Perkhidmatan <i>Services</i>	80,645	84,102	87,050	89,568	84,336	84,716
5.1	Utiliti <i>Utilities</i>	338,274	349,476	357,091	370,687	363,146	368,549
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	85,845	88,410	92,767	95,968	89,261	88,737
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	28,387	29,749	30,006	30,516	22,463	19,808
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	86,719	91,418	95,463	99,432	78,203	79,762
5.5	Maklumat dan komunikasi <i>Information and communication</i>	331,961	339,185	354,004	356,995	366,778	380,197
5.6	Kewangan dan insurans <i>Finance and insurance</i>	230,093	233,679	241,835	249,085	255,371	282,336
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	53,886	56,042	58,358	61,056	51,373	46,261
5.8	Perkhidmatan lain <i>Other services</i>	63,372	67,282	69,932	72,420	71,612	71,444
Produktiviti buruh <i>Labour productivity</i>		86,694	89,964	92,083	94,138	89,106	90,697

2b

Produktiviti buruh tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, 2016 - 2021: Perubahan peratusan tahunan
 Annual labour productivity, value added per employment by economic activity, 2016 - 2021: Annual percentage change

		(%)					
Aktiviti ekonomi Economic activity		2016	2017	2018	2019	2020 ^a	2021 ^p
1.	Pertanian <i>Agriculture</i>	1.8	2.2	-0.1	0.3	-2.0	-0.6
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	5.9	-4.8	4.0	-0.3	-7.6	-1.4
3.	Pembuatan <i>Manufacturing</i>	3.8	3.9	2.4	1.7	-2.6	6.8
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	-4.2	8.7	0.6	0.9	-0.4	-2.5
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	7.8	0.7	-0.9	1.6	-9.2	2.4
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	7.6	6.5	-2.1	0.0	-13.0	4.1
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	7.7	6.4	4.5	3.8	-5.1	6.7
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	3.1	2.0	2.4	1.1	-2.9	8.9
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated</i>	2.2	-0.8	2.6	3.6	-13.2	3.1
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	6.8	5.9	3.0	1.0	2.5	11.7
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	6.6	1.8	5.7	5.2	0.0	0.7
4.	Pembinaan <i>Construction</i>	8.8	6.8	3.4	3.6	-15.6	-4.3
5.	Perkhidmatan <i>Services</i>	2.0	4.3	3.5	2.9	-5.8	0.5
5.1	Utiliti <i>Utilities</i>	5.4	3.3	2.2	3.8	-2.0	1.5
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	-0.6	3.0	4.9	3.5	-7.0	-0.6
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	2.8	4.8	0.9	1.7	-26.4	-11.8
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	1.3	5.4	4.4	4.2	-21.3	2.0
5.5	Maklumat dan komunikasi <i>Information and communication</i>	9.4	2.2	4.4	0.8	2.7	3.7
5.6	Kewangan dan insurans <i>Finance and insurance</i>	2.1	1.6	3.5	3.0	2.5	10.6
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	2.9	4.0	4.1	4.6	-15.9	-10.0
5.8	Perkhidmatan lain <i>Other services</i>	3.5	6.2	3.9	3.6	-1.1	-0.2
Produktiviti buruh <i>Labour productivity</i>		3.1	3.8	2.4	2.2	-5.3	1.8

3a

Produktiviti buruh tahunan, nilai ditambah per jam bekerja mengikut 9 subsektor keutamaan, 2017- 2021
Annual labour productivity, value added per hour worked by 9 priority sub-sectors, 2017 - 2021

		(RM)				
	Aktiviti ekonomi <i>Economic activity</i>	2017	2018	2019	2020^e	2021^p
1.	Agro-makanan <i>Agro-food</i>	44.8	45.3	45.5	46.9	46.5
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	115.7	119.0	119.3	121.9	133.2
3.	Mesin dan peralatan <i>Machinery and equipment</i>	33.3	35.4	36.3	38.8	40.6
4.	Elektrik dan elektronik <i>Electrical and electronics</i>	65.3	68.0	69.9	81.0	85.5
5.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	18.5	19.6	20.3	20.0	18.8
6.	Pelancongan <i>Tourism</i>	27.3	29.1	30.5	18.5	12.6
7.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	140.6	148.5	151.5	170.1	163.9
8.	Perkhidmatan profesional <i>Professional services</i>	33.3	35.5	37.5	37.9	33.0
9.	Penjagaan kesihatan swasta <i>Private healthcare</i>	25.8	27.1	27.7	27.2	29.0
Produktiviti buruh <i>Labour productivity</i>		35.0	36.5	37.2	38.9	38.3

3b

Produktiviti buruh tahunan, nilai ditambah per jam bekerja mengikut 9 subsektor keutamaan, 2017- 2021:
 Perubahan peratusan tahunan
Annual labour productivity, value added per hour worked by 9 priority sub-sectors, 2017 - 2021:
Annual percentage change

		(%)				
Aktiviti ekonomi <i>Economic activity</i>		2017	2018	2019	2020 ^a	2021 ^p
1.	Agro-makanan <i>Agro-food</i>	1.6	1.1	0.5	3	-0.9
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	3.0	2.8	0.3	2.2	9.2
3.	Mesin dan peralatan <i>Machinery and equipment</i>	-1.1	6.3	2.6	6.7	4.6
4.	Elektrik dan elektronik <i>Electrical and electronics</i>	6.8	4.2	2.8	15.9	5.6
5.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	5.0	5.6	3.6	-1.5	-5.9
6.	Pelancongan <i>Tourism</i>	2.7	6.6	4.9	-39.1	-32.0
7.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	0.8	5.6	2.0	12.3	-3.6
8.	Perkhidmatan profesional <i>Professional services</i>	8.9	6.5	5.8	1.1	-13.1
9.	Penjagaan kesihatan swasta <i>Private healthcare</i>	-2.0	4.8	2.3	-1.9	6.7
Produktiviti buruh <i>Labour productivity</i>		3.9	4.2	2.1	4.4	-1.5

4a

Produktiviti buruh tahunan, nilai ditambah per pekerja mengikut 9 subsektor keutamaan, 2017- 2021
 Annual labour productivity, value added per employment by 9 priority sub-sectors, 2017 - 2021

		(RM)				
	Aktiviti ekonomi <i>Economic activity</i>	2017	2018	2019	2020 ^e	2021 ^p
1.	Agro-makanan <i>Agro-food</i>	88,789	89,145	91,310	91,157	93,990
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	291,100	294,621	288,306	276,827	305,206
3.	Mesin dan peralatan <i>Machinery and equipment</i>	84,547	87,834	88,408	86,229	93,981
4.	Elektrik dan elektronik <i>Electrical and electronics</i>	163,835	168,258	170,471	177,210	198,439
5.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	44,371	46,309	47,806	42,725	42,009
6.	Pelancongan <i>Tourism</i>	66,895	70,379	74,092	37,082	26,372
7.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	339,185	354,004	356,995	366,778	380,197
8.	Perkhidmatan profesional <i>Professional services</i>	76,928	81,831	86,671	78,008	73,642
9.	Penjagaan kesihatan swasta <i>Private healthcare</i>	61,332	63,121	64,188	59,088	64,259
Produktiviti buruh <i>Labour productivity</i>		82,606	85,107	86,621	82,205	84,911

4b

Produktiviti buruh tahunan, nilai ditambah per pekerja mengikut 9 subsektor keutamaan, 2017 - 2021:
 Perubahan peratusan tahunan
*Annual labour productivity, value added per employment by 9 priority sub-sectors, 2017 - 2021:
 Annual percentage change*

		(%)				
Aktiviti ekonomi <i>Economic activity</i>		2017	2018	2019	2020 ^e	2021 ^p
1.	Agro-makanan <i>Agro-food</i>	2.0	0.4	2.4	-0.2	3.1
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	3.7	1.2	-2.1	-4.0	10.3
3.	Mesin dan peralatan <i>Machinery and equipment</i>	1.8	3.9	0.7	-2.5	9.0
4.	Elektrik dan elektronik <i>Electrical and electronics</i>	6.6	2.7	1.3	4.0	12.0
5.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	5.7	4.4	3.2	-10.6	-1.7
6.	Pelancongan <i>Tourism</i>	4.2	5.2	5.3	-50.0	-28.9
7.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	2.2	4.4	0.8	2.7	3.7
8.	Perkhidmatan profesional <i>Professional services</i>	6.4	6.4	5.9	-10.0	-5.6
9.	Penjagaan kesihatan swasta <i>Private healthcare</i>	-0.2	2.9	1.7	-7.9	8.8
Produktiviti buruh <i>Labour productivity</i>		4.5	3.0	1.8	-5.1	3.3

5a

**Produktiviti buruh suku tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi,
ST1 2018 - ST1 2022**

		(RM)			
Aktiviti ekonomi <i>Economic activity</i>		2018			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	24.1	24.3	27.8	26.7
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	545.1	577.8	497.1	621.0
3.	Pembuatan <i>Manufacturing</i>	48.1	50.8	50.9	52.0
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	28.7	31.1	30.9	32.8
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	160.3	212.2	190.5	178.4
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	10.6	12.8	12.7	12.0
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	26.7	26.3	26.7	26.8
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	82.0	86.4	90.8	89.9
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	37.3	44.1	41.9	39.0
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	64.7	61.5	59.0	62.9
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	51.8	62.9	62.8	67.2
4.	Pembinaan <i>Construction</i>	18.1	18.0	19.3	17.8
5.	Perkhidmatan <i>Services</i>	35.8	36.9	37.8	39.5
5.1	Utiliti <i>Utilities</i>	148.8	154.0	153.4	150.7
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	35.4	36.4	39.6	41.7
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	12.6	13.0	12.7	13.3
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	36.5	39.8	40.2	39.4
5.5	Maklumat dan komunikasi <i>Information and communication</i>	149.7	152.5	151.4	140.8
5.6	Kewangan dan insurans <i>Finance and insurance</i>	107.8	100.3	104.6	108.6
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	23.2	24.8	23.8	25.2
5.8	Perkhidmatan lain <i>Other services</i>	30.7	31.3	32.1	35.9
Produktiviti buruh <i>Labour productivity</i>		38.2	39.3	40.0	41.4

5a

Quarterly labour productivity, value added per hour worked by economic activity, Q1 2018 - Q1 2022

(RM)												
2019				2020 ^e				2021 ^p				2022 ^p
I	II	III	IV	I	II	III	IV	I	II	III	IV	I
24.9	24.8	28.3	25.2	23.1	28.8	28.5	24.9	22.9	24.3	27.5	25.3	22.9
553.1	571.6	488.1	619.9	569.2	616.5	467.3	585.7	557.7	556.0	487.9	532.4	530.9
49.8	52.0	52.4	52.6	50.8	59.9	56.0	55.8	54.9	57.4	57.3	58.3	54.9
28.3	30.6	30.9	31.8	27.1	41.4	34.2	29.4	27.4	32.8	33.6	30.4	25.6
156.9	213.0	198.3	181.5	158.2	149.8	219.9	206.1	193.2	208.3	137.5	223.9	192.8
11.2	13.5	12.5	11.5	11.0	9.0	11.4	11.4	11.5	11.2	10.8	11.5	11.1
29.3	28.2	28.1	27.8	30.1	32.5	30.3	30.8	33.9	33.2	30.4	31.4	34.0
86.6	88.1	94.4	93.4	90.3	95.4	97.3	98.3	94.1	97.5	108.1	101.1	89.8
37.8	46.0	43.5	39.7	38.6	40.2	42.6	39.9	39.1	40.5	39.3	41.3	40.5
66.5	62.4	61.2	64.2	69.6	84.7	68.8	70.6	77.5	75.5	75.3	77.5	83.7
55.5	66.0	66.7	70.2	55.3	89.2	74.2	83.2	62.0	71.9	56.8	83.9	59.0
19.0	18.7	19.7	18.6	18.7	18.2	17.9	17.4	17.0	16.8	16.9	15.5	15.6
36.9	37.8	38.9	40.6	38.3	44.3	38.4	39.6	37.7	37.3	37.8	39.9	38.2
153.9	159.7	159.0	155.3	163.2	195.7	159.1	161.1	164.2	160.2	169.8	164.5	161.9
37.5	37.8	41.0	43.1	38.3	41.2	41.2	43.2	39.1	37.5	37.9	42.7	38.1
12.6	13.0	13.1	13.6	12.6	11.1	10.0	9.5	9.2	8.8	8.0	9.7	10.6
38.3	41.3	41.7	41.3	38.3	36.5	36.4	34.2	32.4	33.3	33.7	37.5	39.4
155.0	156.1	153.2	142.5	160.0	236.3	155.9	151.5	166.0	164.4	167.0	158.8	165.7
107.7	105.0	107.7	112.1	115.4	127.3	116.3	121.7	126.3	124.9	124.4	125.7	124.0
24.5	26.0	25.2	26.3	25.2	27.5	21.8	21.2	21.2	20.4	19.6	20.1	22.5
31.4	32.0	33.0	36.7	33.2	39.9	32.5	35.6	32.0	32.3	34.4	35.7	32.9
39.2	40.2	41.1	42.0	40.0	46.5	41.2	41.8	40.2	40.4	40.9	42.3	40.3

5b

Produktiviti buruh suku tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi, ST1 2018 - ST1 2022:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

		(%)			
Aktiviti ekonomi <i>Economic activity</i>		2018			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	-1.7	3.5	1.9	-0.7
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	8.3	7.1	-1.6	-1.0
3.	Pembuatan <i>Manufacturing</i>	4.8	2.6	2.7	3.0
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	16.0	2.2	0.2	-5.0
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	-1.9	-4.7	-2.6	-1.5
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	-5.1	-3.2	0.1	-0.4
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	4.5	-3.1	6.1	5.8
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	1.7	3.1	1.2	3.8
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>	7.0	4.2	5.0	2.9
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	5.8	5.3	2.1	5.3
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	-0.7	7.3	5.5	6.7
4.	Pembinaan <i>Construction</i>	-0.1	4.9	4.7	5.5
5.	Perkhidmatan <i>Services</i>	6.4	4.5	5.2	3.9
5.1	Utiliti <i>Utilities</i>	7.7	1.7	0.5	2.9
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	5.7	5.6	5.7	6.1
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	4.4	2.2	0.9	0.5
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	4.1	5.0	5.3	3.1
5.5	Maklumat dan komunikasi <i>Information and communication</i>	2.0	8.3	9.8	2.3
5.6	Kewangan dan insurans <i>Finance and insurance</i>	7.4	0.1	4.8	2.7
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	1.8	1.2	11.5	7.9
5.8	Perkhidmatan lain <i>Other services</i>	11.1	7.6	4.9	4.6
Produktiviti buruh <i>Labour productivity</i>		4.0	3.8	3.2	3.0

5b

Quarterly labour productivity, value added per hour worked by economic activity, Q1 2018 - Q1 2022:
Percentage change from corresponding quarter of preceding year

(%)												
2019				2020 ^e				2021 ^p				2022 ^p
I	II	III	IV	I	II	III	IV	I	II	III	IV	I
3.3	2.1	1.6	-5.8	-7.2	15.8	0.6	-1.0	-0.7	-15.6	-3.4	1.7	-0.2
1.5	-1.1	-1.8	-0.2	2.9	7.8	-4.3	-5.5	-2.0	-9.8	4.4	-9.1	-4.8
3.4	2.5	2.9	1.2	2.1	15.1	6.9	6.0	8.1	-4.2	2.3	4.6	-0.1
-1.3	-1.6	0.0	-2.8	-4.2	35.6	10.6	-7.8	1.1	-20.9	-1.6	3.5	-6.7
-2.1	0.4	4.1	1.7	0.8	-29.7	10.9	13.6	22.1	39.0	-37.5	8.6	-0.2
4.9	5.7	-1.7	-4.2	-1.4	-33.2	-8.9	-0.5	4.6	24.2	-5.5	0.9	-3.8
9.8	6.9	5.1	3.8	2.7	15.4	7.9	10.7	12.7	2.1	0.4	2.0	0.4
5.6	1.9	4.0	3.9	4.2	8.3	3.1	5.4	4.3	2.1	11.0	2.8	-4.6
1.4	4.2	3.8	1.8	2.2	-12.6	-2.1	0.4	1.3	0.7	-7.6	3.5	3.3
2.8	1.4	3.8	2.1	4.6	35.8	12.4	9.9	11.4	-10.9	9.4	9.8	8.0
7.1	4.9	6.2	4.5	-0.4	35.2	11.3	18.5	12.1	-19.4	-23.5	0.8	-4.8
4.9	3.9	1.7	4.6	-1.7	-2.8	-8.8	-6.5	-8.7	-7.8	-5.8	-11.0	-8.2
2.9	2.5	2.9	2.6	3.8	17.2	-1.2	-2.4	-1.5	-15.9	-1.8	0.8	1.2
3.4	3.7	3.6	3.1	6.0	22.6	0.1	3.7	0.6	-18.1	6.7	2.2	-1.4
5.9	3.6	3.4	3.4	2.3	9.0	0.6	0.3	2.0	-8.9	-7.9	-1.3	-2.6
-0.1	0.1	2.5	2.8	0.6	-14.6	-23.3	-30.0	-26.9	-21.4	-20.7	2.1	14.6
4.7	3.7	3.8	4.7	0.0	-11.6	-12.8	-17.1	-15.5	-8.9	-7.3	9.5	21.7
3.5	2.3	1.2	1.2	3.2	51.4	1.7	6.3	3.7	-30.4	7.1	4.8	-0.2
-0.1	4.7	3.0	3.2	7.1	21.2	7.9	8.6	9.4	-1.9	7.0	3.3	-1.8
5.3	4.8	5.9	4.4	3.0	5.7	-13.6	-19.4	-15.8	-25.7	-10.2	-5.3	6.2
2.1	2.5	3.0	2.2	5.9	24.7	-1.5	-2.9	-3.6	-19.0	5.8	0.1	2.6
2.6	2.4	2.7	1.5	2.1	15.6	0.2	-0.6	0.4	-13.1	-0.6	1.3	0.3

6a

Produktiviti buruh suku tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, ST1 2018 - ST1 2022

		(RM)			
Aktiviti ekonomi <i>Economic activity</i>		2018			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	12,655	12,757	14,560	14,049
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	329,958	339,544	308,787	395,290
3.	Pembuatan <i>Manufacturing</i>	29,259	30,378	30,867	31,337
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	15,735	17,095	17,705	18,150
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	97,460	132,360	121,122	110,826
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	5,617	6,734	6,356	6,076
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	17,504	17,177	16,765	16,609
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	52,723	54,020	58,176	58,854
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>	22,865	27,174	26,119	24,273
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	40,765	37,130	36,913	38,754
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	32,215	37,814	38,275	41,406
4.	Pembinaan <i>Construction</i>	10,879	10,689	11,543	10,755
5.	Perkhidmatan <i>Services</i>	20,946	21,213	22,058	22,809
5.1	Utiliti <i>Utilities</i>	86,966	90,683	91,594	87,901
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	21,597	21,914	23,960	25,288
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	7,362	7,317	7,506	7,803
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	22,560	23,959	24,547	24,426
5.5	Maklumat dan komunikasi <i>Information and communication</i>	90,965	90,687	89,317	83,503
5.6	Kewangan dan insurans <i>Finance and insurance</i>	61,313	57,662	60,045	62,903
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	14,088	14,871	14,371	15,029
5.8	Perkhidmatan lain <i>Other services</i>	16,734	16,903	17,536	18,759
Produktiviti buruh <i>Labour productivity</i>		22,276	22,580	23,268	23,943

6a

Quarterly labour productivity, value added per employment by economic activity, Q1 2018 - Q1 2022

												(RM)
2019				2020 ^e				2021 ^p				2022 ^p
I	II	III	IV	I	II	III	IV	I	II	III	IV	I
13,138	13,030	14,839	13,201	11,964	13,186	14,881	13,083	12,067	12,752	14,497	13,463	12,192
346,101	342,989	296,963	383,037	341,791	286,955	283,881	351,270	329,507	317,929	281,108	314,462	317,500
29,834	31,113	31,343	31,576	29,756	25,731	32,489	32,575	31,394	31,693	31,349	34,308	32,270
16,063	17,490	17,753	17,991	15,276	18,746	18,730	16,303	14,713	17,518	17,955	17,081	14,637
98,771	135,055	124,166	111,647	95,922	74,608	134,341	122,558	110,237	116,153	79,035	131,433	115,012
5,659	6,795	6,302	6,020	5,591	4,065	5,823	6,038	5,838	5,403	5,277	5,909	5,780
18,142	17,903	17,479	17,148	18,235	12,571	18,062	18,041	19,324	17,830	15,768	18,618	20,168
53,713	54,795	58,620	59,091	54,624	47,228	58,505	59,151	56,184	57,428	63,853	61,915	54,497
23,832	28,328	26,964	24,930	23,686	17,031	25,253	24,250	23,431	22,850	21,638	25,133	24,215
40,948	37,836	37,378	38,958	41,066	34,752	41,030	41,975	45,464	42,588	42,569	46,862	50,288
33,968	39,964	40,529	43,081	33,406	29,552	44,295	50,345	36,588	41,168	30,682	50,394	35,978
11,406	11,099	11,794	11,132	10,795	6,600	10,604	10,221	9,900	9,084	8,598	9,080	9,351
21,552	21,858	22,656	23,480	21,689	18,435	21,789	22,377	21,163	20,480	20,430	22,621	21,918
91,035	94,229	94,709	90,787	93,963	85,307	92,551	91,260	93,576	89,383	89,830	95,690	95,744
22,440	22,658	24,775	26,090	22,392	17,435	23,993	25,436	22,390	20,788	20,838	24,667	22,195
7,441	7,451	7,635	7,970	7,096	4,502	5,484	5,296	5,111	4,736	4,407	5,549	6,110
23,430	25,009	25,583	25,445	22,431	13,959	21,581	19,982	18,990	19,170	19,123	22,434	23,779
92,585	90,885	89,661	84,377	94,533	92,237	91,244	89,036	96,214	94,851	95,857	93,369	97,855
62,485	59,776	61,774	65,096	64,700	56,401	65,114	69,255	71,657	70,106	68,649	71,929	71,427
14,688	15,547	15,044	15,779	14,849	11,508	12,584	12,377	12,272	11,561	10,760	11,661	13,338
17,320	17,564	18,080	19,458	17,815	16,741	17,966	19,068	17,250	17,273	17,639	19,266	17,976
22,810	23,206	23,817	24,291	22,619	19,490	23,313	23,635	22,522	22,102	22,007	24,047	23,129

6b

Produktiviti buruh suku tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, ST1 2018 - ST1 2022: Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

		(%)			
Aktiviti ekonomi <i>Economic activity</i>		2018			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	-1.1	2.3	-1.2	-0.3
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	5.7	6.2	0.4	3.3
3.	Pembuatan <i>Manufacturing</i>	3.3	1.5	2.3	2.5
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	8.1	-0.3	-1.1	-2.9
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	-2.2	-0.8	-0.9	-0.1
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	-2.5	-5.1	-0.9	0.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	5.7	3.5	5.1	3.8
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	3.9	1.7	1.9	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	1.9	3.5	2.7
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	4.3	2.0	2.0	3.8
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	1.0	7.0	7.1	6.8
4.	Pembinaan <i>Construction</i>	0.8	4.1	3.3	5.2
5.	Perkhidmatan <i>Services</i>	4.7	2.5	3.9	2.9
5.1	Utiliti <i>Utilities</i>	4.2	1.3	1.3	1.8
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	5.6	3.6	5.3	4.9
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	2.0	0.3	0.6	0.6
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	4.4	3.9	4.5	4.9
5.5	Maklumat dan komunikasi <i>Information and communication</i>	4.7	5.8	6.5	0.8
5.6	Kewangan dan insurans <i>Finance and insurance</i>	6.8	0.6	3.9	2.8
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	2.3	0.3	8.7	5.2
5.8	Perkhidmatan lain <i>Other services</i>	6.0	4.3	2.9	2.6
Produktiviti buruh <i>Labour productivity</i>		2.9	2.3	1.9	2.3

6b

Quarterly labour productivity, value added per employment by economic activity, Q1 2018 - Q1 2022:
Percentage change from corresponding quarter of preceding year

													(%)
2019				2020 ^e				2021 ^p				2022 ^p	
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	
3.8	2.1	1.9	-6.0	-8.9	1.2	0.3	-0.9	0.9	-3.3	-2.6	2.9	1.0	
4.9	1.0	-3.8	-3.1	-1.2	-16.3	-4.4	-8.3	-3.6	10.8	-1.0	-10.5	-3.6	
2.0	2.4	1.5	0.8	-0.3	-17.3	3.7	3.2	5.5	23.2	-3.5	5.3	2.8	
2.1	2.3	0.3	-0.9	-4.9	7.2	5.5	-9.4	-3.7	-6.5	-4.1	4.8	-0.5	
1.3	2.0	2.5	0.7	-2.9	-44.8	8.2	9.8	14.9	55.7	-41.2	7.2	4.3	
0.7	0.9	-0.8	-0.9	-1.2	-40.2	-7.6	0.3	4.4	32.9	-9.4	-2.1	-1.0	
3.6	4.2	4.3	3.2	0.5	-29.8	3.3	5.2	6.0	41.8	-12.7	3.2	4.4	
1.9	1.4	0.8	0.4	1.7	-13.8	-0.2	0.1	2.9	21.6	9.1	4.7	-3.0	
4.2	4.2	3.2	2.7	-0.6	-39.9	-6.3	-2.7	-1.1	34.2	-14.3	3.6	3.3	
0.4	1.9	1.3	0.5	0.3	-8.2	9.8	7.7	10.7	22.5	3.8	11.6	10.6	
5.4	5.7	5.9	4.0	-1.7	-26.1	9.3	16.9	9.5	39.3	-30.7	0.1	-1.7	
4.8	3.8	2.2	3.5	-5.4	-40.5	-10.1	-8.2	-8.3	37.6	-18.9	-11.2	-5.5	
2.9	3.0	2.7	2.9	0.6	-15.7	-3.8	-4.7	-2.4	11.1	-6.2	1.1	3.6	
4.7	3.9	3.4	3.3	3.2	-9.5	-2.3	0.5	-0.4	4.8	-2.9	4.9	2.3	
3.9	3.4	3.4	3.2	-0.2	-23.1	-3.2	-2.5	-0.0	19.2	-13.2	-3.0	-0.9	
1.1	1.8	1.7	2.1	-4.6	-39.6	-28.2	-33.5	-28.0	5.2	-19.6	4.8	19.6	
3.9	4.4	4.2	4.2	-4.3	-44.2	-15.6	-21.5	-15.3	37.3	-11.4	12.3	25.2	
1.8	0.2	0.4	1.0	2.1	1.5	1.8	5.5	1.8	2.8	5.1	4.9	1.7	
1.9	3.7	2.9	3.5	3.5	-5.6	5.4	6.4	10.8	24.3	5.4	3.9	-0.3	
4.3	4.5	4.7	5.0	1.1	-26.0	-16.4	-21.6	-17.4	0.5	-14.5	-5.8	8.7	
3.5	3.9	3.1	3.7	2.9	-4.7	-0.6	-2.0	-3.2	3.2	-1.8	1.0	4.2	
2.4	2.8	2.4	1.5	-0.8	-16.0	-2.1	-2.7	-0.4	13.4	-5.6	1.7	2.7	

7a

Keluaran Dalam Negeri Kasar (KDNK) tahunan mengikut aktiviti ekonomi pada harga malar 2015, 2016 - 2021
Annual Gross Domestic Product (GDP) by economic activity at constant 2015 prices, 2016 - 2021

(RM juta/ RM million)

Aktiviti ekonomi Economic activity		2016	2017	2018	2019	2020 ^e	2021 ^p
1.	Pertanian <i>Agriculture</i>	93,977	99,509	99,637	101,573	99,106	98,898
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	105,368	105,838	103,557	102,887	92,879	93,150
3.	Pembuatan <i>Manufacturing</i>	273,899	290,464	304,843	316,283	307,847	337,219
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	25,568	28,420	29,468	30,448	30,941	31,590
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	8,110	8,598	8,819	9,181	7,687	7,731
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	5,264	5,682	5,927	6,251	5,419	5,864
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	18,770	19,657	20,570	21,685	20,070	21,430
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	81,717	84,998	88,419	90,982	90,084	101,691
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>	32,907	34,516	36,224	37,716	32,778	34,171
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	75,555	81,218	86,317	89,133	91,438	104,819
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	26,007	27,374	29,098	30,887	29,429	29,923
4.	Pembinaan <i>Construction</i>	59,508	63,522	66,194	66,453	53,616	50,802
5.	Perkhidmatan <i>Services</i>	680,561	723,361	772,990	820,576	776,361	791,068
5.1	Utiliti <i>Utilities</i>	33,412	34,396	36,109	38,326	37,857	38,837
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	195,707	209,885	227,166	242,704	228,260	232,006
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	38,831	41,748	45,502	49,821	36,527	32,513
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	44,463	47,212	50,208	53,632	42,139	42,671
5.5	Maklumat dan komunikasi <i>Information and communication</i>	67,301	73,113	79,110	84,225	89,252	94,874
5.6	Kewangan dan insurans <i>Finance and insurance</i>	80,722	84,532	89,088	93,358	96,106	105,713
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	54,965	59,132	63,745	68,762	58,399	51,972
5.8	Perkhidmatan lain <i>Other services</i>	165,160	173,343	182,061	189,747	187,820	192,483
tambah Duti import plus Import duties		16,000	18,076	16,546	16,179	15,335	15,602
KDNK pada harga pembeli GDP at purchasers' prices		1,229,312	1,300,769	1,363,766	1,423,952	1,345,144	1,386,738

7b

KDNK tahunan mengikut aktiviti ekonomi pada harga malar 2015, 2016 - 2021: Perubahan peratusan tahunan
Annual GDP by economic activity at constant 2015 prices, 2016- 2021: Annual percentage change

		(%)					
Aktiviti ekonomi Economic activity		2016	2017	2018	2019	2020 ^e	2021 ^p
1.	Pertanian <i>Agriculture</i>	-3.7	5.9	0.1	1.9	-2.4	-0.2
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	2.2	0.4	-2.2	-0.6	-9.7	0.3
3.	Pembuatan <i>Manufacturing</i>	4.4	6.0	5.0	3.8	-2.7	9.5
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	1.7	11.2	3.7	3.3	1.6	2.1
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	6.8	6.0	2.6	4.1	-16.3	0.6
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	6.9	7.9	4.3	5.5	-13.3	8.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	5.5	4.7	4.6	5.4	-7.4	6.8
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	4.4	4.0	4.0	2.9	-1.0	12.9
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	4.2	4.9	4.9	4.1	-13.1	4.2
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	7.6	7.5	6.3	3.3	2.6	14.6
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	-3.0	5.3	6.3	6.1	-4.7	1.7
4.	Pembinaan <i>Construction</i>	7.4	6.7	4.2	0.4	-19.3	-5.2
5.	Perkhidmatan <i>Services</i>	5.7	6.3	6.9	6.2	-5.4	1.9
5.1	Utiliti <i>Utilities</i>	5.4	2.9	5.0	6.1	-1.2	2.6
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	6.3	7.2	8.2	6.8	-6.0	1.6
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	7.2	7.5	9.0	9.5	-26.7	-11.0
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	5.7	6.2	6.3	6.8	-21.4	1.3
5.5	Maklumat dan komunikasi <i>Information and communication</i>	8.0	8.6	8.2	6.5	6.0	6.3
5.6	Kewangan dan insurans <i>Finance and insurance</i>	2.7	4.7	5.4	4.8	2.9	10.0
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	6.9	7.6	7.8	7.9	-15.1	-11.0
5.8	Perkhidmatan lain <i>Other services</i>	4.9	5.0	5.0	4.2	-1.0	2.5
tambah Duti import <i>plus Import duties</i>		8.8	13.0	-8.5	-2.2	-5.2	1.7
KDNK pada harga pembeli <i>GDP at purchasers' prices</i>		4.4	5.8	4.8	4.4	-5.5	3.1

8a

Keluaran Dalam Negeri Kasar (KDNK) suku tahunan mengikut aktiviti ekonomi pada harga malar 2015,
ST1 2018 - ST1 2022

(RM juta/ RM million)

	Aktiviti ekonomi <i>Economic activity</i>	2018			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	23,298	23,292	27,089	25,958
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	26,189	25,853	24,238	27,277
3.	Pembuatan <i>Manufacturing</i>	72,643	75,745	77,131	79,324
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	6,680	7,296	7,619	7,874
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	1,860	2,532	2,329	2,098
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	1,385	1,616	1,476	1,450
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	5,242	5,176	5,094	5,057
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	20,751	21,311	22,932	23,425
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>	8,285	9,811	9,400	8,728
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	22,370	20,810	20,966	22,171
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	6,069	7,193	7,315	8,522
4.	Pembinaan <i>Construction</i>	16,604	15,985	17,206	16,399
5.	Perkhidmatan <i>Services</i>	183,367	188,290	196,947	204,386
5.1	Utiliti <i>Utilities</i>	8,709	9,024	9,217	9,158
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	51,979	54,324	59,307	61,556
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	10,770	11,049	11,391	12,293
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	12,103	12,291	12,616	13,200
5.5	Maklumat dan komunikasi <i>Information and communication</i>	19,104	19,938	20,296	19,773
5.6	Kewangan dan insurans <i>Finance and insurance</i>	22,032	21,636	22,345	23,075
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	15,387	15,893	15,840	16,625
5.8	Perkhidmatan lain <i>Other services</i>	43,284	44,135	45,935	48,707
	tambah Duti import <i>plus Import duties</i>	4,995	4,272	3,074	4,204
	KDNK pada harga pembeli <i>GDP at purchasers' prices</i>	327,096	333,438	345,685	357,547

8a

Quarterly Gross Domestic Product (GDP) by economic activity at constant 2015 prices, Q1 2018 - Q1 2022

(RM juta/ RM million)

2019				2020 ^e				2021 ^p				2022 ^p
I	II	III	IV	I	II	III	IV	I	II	III	IV	I
24,707	24,266	28,082	24,519	22,533	24,422	27,938	24,213	22,563	24,053	27,389	24,894	22,604
26,216	26,483	23,567	26,622	25,460	21,387	22,009	24,023	24,337	23,648	21,296	23,870	24,066
75,627	79,005	79,922	81,729	76,661	64,490	82,509	84,186	81,761	81,679	81,890	91,888	87,191
7,020	7,623	7,807	7,997	6,795	8,312	8,374	7,460	6,776	8,137	8,421	8,256	7,113
1,946	2,643	2,416	2,177	1,919	1,287	2,349	2,132	2,001	1,994	1,404	2,333	2,119
1,450	1,710	1,558	1,534	1,495	993	1,419	1,511	1,534	1,394	1,353	1,583	1,608
5,530	5,460	5,386	5,308	5,600	3,643	5,388	5,439	5,853	5,103	4,732	5,742	6,237
21,385	22,002	23,570	24,025	22,202	19,067	24,068	24,747	23,821	24,405	27,102	26,363	23,703
8,620	10,234	9,793	9,069	8,605	6,126	9,145	8,901	8,713	8,176	7,865	9,417	9,175
23,189	21,648	21,598	22,698	23,662	19,739	23,577	24,459	26,166	24,935	25,246	28,472	30,183
6,486	7,684	7,795	8,921	6,382	5,323	8,189	9,535	6,897	7,535	5,768	9,722	7,054
16,704	16,161	16,967	16,620	15,377	9,003	14,890	14,346	13,770	12,627	11,816	12,588	12,922
195,144	199,852	208,474	217,106	201,370	167,515	200,390	207,085	196,765	90,044	190,474	213,785	209,560
9,329	9,610	9,732	9,656	9,791	8,779	9,575	9,713	9,891	9,357	9,411	10,178	10,227
55,776	58,053	63,277	65,599	56,955	44,585	61,834	64,886	57,721	53,849	54,681	65,754	60,023
11,793	12,075	12,450	13,504	11,967	7,115	8,737	8,709	8,332	7,741	7,243	9,198	10,350
12,902	13,157	13,472	14,101	12,660	7,296	11,282	10,902	10,565	10,013	9,902	12,191	13,292
20,468	21,164	21,504	21,090	21,843	22,176	22,637	22,596	23,224	23,474	24,040	24,136	24,694
23,050	22,676	23,317	24,315	24,230	21,384	24,663	25,829	26,899	26,292	25,709	26,813	26,630
16,548	17,160	17,069	17,985	17,129	12,810	14,338	14,122	13,820	12,969	12,009	13,175	15,131
45,279	45,957	47,653	50,858	46,796	43,371	47,325	50,328	46,313	46,349	47,481	52,340	49,213
3,976	4,142	4,106	3,956	3,386	3,272	4,189	4,487	3,967	4,057	3,296	4,283	3,895
342,373	349,910	361,117	370,552	344,788	290,090	351,926	358,340	343,162	336,108	336,161	371,308	360,239

8b

Keluaran Dalam Negeri Kasar (KDNK) suku tahunan mengikut aktiviti ekonomi pada harga malar 2015, ST1 2018 - ST1 2022: Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

(%)

	Aktiviti ekonomi <i>Economic activity</i>	2018			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	3.1	-1.5	-0.7	-0.1
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-2.4	-1.3	-5.0	-0.1
3.	Pembuatan <i>Manufacturing</i>	5.2	4.9	5.0	4.7
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	9.2	4.5	2.4	-0.1
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	1.4	3.3	3.2	2.1
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	6.6	4.1	2.9	3.8
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	4.0	3.4	6.3	4.9
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	4.9	3.8	3.9	3.6
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	5.3	5.2	5.2	4.1
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	5.8	6.1	6.3	6.9
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	2.2	6.0	7.7	8.4
4.	Pembinaan <i>Construction</i>	4.9	4.8	4.7	2.5
5.	Perkhidmatan <i>Services</i>	6.6	6.6	7.3	6.9
5.1	Utiliti <i>Utilities</i>	4.4	5.0	5.4	5.0
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	6.9	7.4	9.6	8.8
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	7.9	9.1	9.4	9.5
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	5.7	6.3	6.7	6.7
5.5	Maklumat dan komunikasi <i>Information and communication</i>	8.1	8.5	8.3	7.9
5.6	Kewangan dan insurans <i>Finance and insurance</i>	7.4	4.8	5.7	3.9
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	7.6	8.0	7.9	7.7
5.8	Perkhidmatan lain <i>Other services</i>	5.1	5.0	4.7	5.2
tambah Duti import <i>plus Import duties</i>		14.9	-0.9	-31.8	-14.3
KDNK pada harga pembeli <i>GDP at purchasers' prices</i>		5.3	4.8	4.5	4.8

8b

Quarterly Gross Domestic Product (GDP) by economic activity at constant 2015 prices, Q1 2018 - Q1 2022:
Percentage change from corresponding quarter of preceding year

													(%)
2019				2020 ^e				2021 ^p				2022 ^p	
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	
6.0	4.2	3.7	-5.5	-8.8	0.6	-0.5	-1.2	0.1	-1.5	-2.0	2.8	0.2	
0.1	2.4	-2.8	-2.4	-2.9	-19.2	-6.6	-9.8	-4.4	10.6	-3.2	-0.6	-1.1	
4.1	4.3	3.6	3.0	1.4	-18.4	3.2	3.0	6.7	26.7	-0.8	9.1	6.6	
5.1	4.5	2.5	1.6	-3.2	9.0	7.3	-6.7	-0.3	-2.1	0.6	10.7	5.0	
4.6	4.4	3.7	3.8	-1.4	-51.3	-2.8	-2.1	4.2	54.9	-40.2	9.4	5.9	
4.7	5.8	5.5	5.8	3.1	-41.9	-8.9	-1.5	2.6	40.3	-4.7	4.7	4.8	
5.5	5.5	5.7	5.0	1.3	-33.3	0.0	2.5	4.5	40.1	-12.2	5.6	6.6	
3.1	3.2	2.8	2.6	3.8	-13.3	2.1	3.0	7.3	28.0	12.6	6.5	-0.5	
4.0	4.3	4.2	3.9	-0.2	-40.1	-6.6	-1.9	1.3	33.5	-14.0	5.8	5.3	
3.7	4.0	3.0	2.4	2.0	-8.8	9.2	7.8	10.6	26.3	7.1	16.4	15.4	
6.9	6.8	6.6	4.7	-1.6	-30.7	5.0	6.9	8.1	41.6	-29.6	2.0	2.3	
0.6	1.1	-1.4	1.3	-7.9	-44.3	-12.2	-13.7	-10.4	40.3	-20.6	-12.2	-6.2	
6.4	6.1	5.9	6.2	3.2	-16.2	-3.9	-4.6	-2.3	13.4	-4.9	3.2	6.5	
7.1	6.5	5.6	5.4	5.0	-8.7	-1.6	0.6	1.0	6.6	-1.7	4.8	3.4	
7.3	6.9	6.7	6.6	2.1	-23.2	-2.3	-1.1	1.3	20.8	-11.6	1.3	4.0	
9.5	9.3	9.3	9.9	1.5	-41.1	-29.8	-35.5	-30.4	8.8	-17.1	5.6	24.2	
6.6	7.0	6.8	6.8	-1.9	-44.5	-16.3	-22.7	-16.5	37.3	-12.2	11.8	25.8	
7.1	6.2	6.0	6.7	6.7	4.8	5.3	7.1	6.3	5.9	6.2	6.8	6.3	
4.6	4.8	4.3	5.4	5.1	-5.7	5.8	6.2	11.0	23.0	4.2	3.8	-1.0	
7.5	8.0	7.8	8.2	3.5	-25.3	-16.0	-21.5	-19.3	1.2	-16.2	-6.7	9.5	
4.6	4.1	3.7	4.4	3.3	-5.6	-0.7	-1.0	-1.0	6.9	0.3	4.0	6.3	
-20.4	-3.0	33.6	-5.9	-14.8	-21.0	2.0	13.4	17.1	24.0	-21.3	-4.6	-1.8	
4.7	4.9	4.5	3.6	0.7	-17.1	-2.5	-3.3	-0.5	15.9	-4.5	3.6	5.0	

9a

Jumlah jam bekerja tahunan mengikut aktiviti ekonomi, 2016 - 2021
Annual total hours worked by economic activity, 2016 - 2021

(Juta jam/ Million hours)

Aktiviti ekonomi Economic activity		2016	2017	2018	2019	2020 ^e	2021 ^p
1.	Pertanian Agriculture	3,740	3,893	3,870	3,938	3,779	3,954
2.	Perlombongan dan pengkuarian Mining and quarrying	190	196	185	185	168	175
3.	Pembuatan Manufacturing	5,807	5,945	6,041	6,118	5,568	5,917
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan Vegetable and animal oils & fats and food processing	921	947	955	1,001	950	1,018
3.2	Minuman dan produk tembakau Beverages and tobacco products	43	45	48	49	42	41
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	461	463	494	515	504	521
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	779	762	772	765	653	665
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	965	998	1,013	1,004	945	1,015
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated	832	891	893	904	813	853
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	1,344	1,370	1,392	1,402	1,262	1,371
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	461	468	475	477	400	434
4.	Pembinaan Construction	3,601	3,601	3,616	3,498	2,972	3,072
5.	Perkhidmatan Services	19,860	20,242	20,599	21,286	19,483	20,722
5.1	Utiliti Utilities	239	234	238	244	225	236
5.2	Perdagangan borong dan runcit Wholesale and retail trade	5,556	5,802	5,934	6,092	5,571	5,894
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	3,174	3,297	3,524	3,807	3,370	3,641
5.4	Pengangkutan dan penyimpanan Transportation and storage	1,269	1,264	1,289	1,320	1,159	1,246
5.5	Maklumat dan komunikasi Information and communication	483	520	533	556	525	579
5.6	Kewangan dan insurans Finance and insurance	811	832	846	863	802	843
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	2,503	2,573	2,626	2,695	2,469	2,555
5.8	Perkhidmatan lain Other services	5,826	5,719	5,610	5,708	5,363	5,727
Jumlah jam bekerja Total hours worked		33,198	33,877	34,312	35,025	31,970	33,840

9b

Jumlah jam bekerja tahunan mengikut aktiviti ekonomi, 2016 - 2021: Perubahan peratusan tahunan
 Annual total hours worked by economic activity, 2016 - 2021: Annual percentage change

(%)

Aktiviti ekonomi Economic activity		2016	2017	2018	2019	2020 ^e	2021 ^p
1.	Pertanian <i>Agriculture</i>	-3.4	4.1	-0.6	1.8	-4.0	4.6
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	0.0	2.9	-5.3	-0.3	-9.4	4.2
3.	Pembuatan <i>Manufacturing</i>	0.8	2.4	1.6	1.3	-9.0	6.3
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	7.3	2.8	0.8	4.8	-5.1	7.1
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	-1.0	4.7	5.3	3.1	-14.8	-2.9
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	4.6	0.4	6.8	4.3	-2.3	3.6
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	-2.9	-2.2	1.3	-0.9	-14.7	1.8
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	0.7	3.4	1.5	-0.9	-5.9	7.4
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated</i>	1.5	7.1	0.2	1.3	-10.1	4.8
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	0.8	1.9	1.6	0.7	-10.0	8.6
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	-9.1	1.6	1.3	0.5	-16.2	8.4
4.	Pembinaan <i>Construction</i>	-1.8	0.0	0.4	-3.3	-15.0	3.4
5.	Perkhidmatan <i>Services</i>	3.4	1.9	1.8	3.3	-8.5	6.4
5.1	Utiliti <i>Utilities</i>	3.6	-2.1	1.7	2.6	-7.7	4.7
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	6.5	4.4	2.3	2.7	-8.6	5.8
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	2.6	3.9	6.9	8.0	-11.5	8.1
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	4.8	-0.4	1.9	2.5	-12.2	7.5
5.5	Maklumat dan komunikasi <i>Information and communication</i>	-0.8	7.7	2.5	4.4	-5.6	10.3
5.6	Kewangan dan insurans <i>Finance and insurance</i>	-0.3	2.6	1.7	2.0	-7.1	5.1
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	4.0	2.8	2.0	2.6	-8.4	3.5
5.8	Perkhidmatan lain <i>Other services</i>	1.1	-1.8	-1.9	1.7	-6.0	6.8
Jumlah jam bekerja <i>Total hours worked</i>		1.5	2.0	1.3	2.1	-8.7	5.8

10a

Jumlah jam bekerja suku tahunan mengikut aktiviti ekonomi, ST1 2018 - ST1 2022

		(Juta jam/ Million hours)			
		2018			
Aktiviti ekonomi Economic activity		I	II	III	IV
1.	Pertanian Agriculture	966	958	973	973
2.	Perlombongan dan pengkuarian Mining and quarrying	48	45	49	44
3.	Pembuatan Manufacturing	1,510	1,491	1,515	1,526
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan Vegetable and animal oils & fats and food processing	233	235	247	240
3.2	Minuman dan produk tembakau Beverages and tobacco products	12	12	12	12
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	130	127	116	121
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	197	197	191	189
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	253	247	253	261
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	222	222	224	224
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	346	338	356	353
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	117	114	116	127
4.	Pembinaan Construction	917	888	890	920
5.	Perkhidmatan Services	5,116	5,104	5,210	5,169
5.1	Utiliti Utilities	59	59	60	61
5.2	Perdagangan borong dan runcit Wholesale and retail trade	1,468	1,491	1,497	1,478
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	856	847	893	928
5.4	Pengangkutan dan penyimpanan Transportation and storage	331	309	314	335
5.5	Maklumat dan komunikasi Information and communication	128	131	134	140
5.6	Kewangan dan insurans Finance and insurance	204	216	214	212
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	663	640	665	659
5.8	Perkhidmatan lain Other services	1,408	1,412	1,433	1,357
Jumlah jam bekerja Total hours worked		8,558	8,486	8,636	8,632

10a

Quarterly total hours worked by economic activity, Q1 2018 - Q1 2022

(Juta jam/ Million hours)

2019				2020 ^e				2021 ^p				2022 ^p
I	II	III	IV	I	II	III	IV	I	II	III	IV	I
993	977	993	975	975	849	982	972	983	991	997	983	987
47	46	48	43	45	35	47	41	44	43	44	45	45
1,520	1,518	1,526	1,554	1,509	1,077	1,473	1,510	1,488	1,424	1,430	1,575	1,589
248	249	253	251	251	201	245	254	247	248	250	272	278
12	12	12	12	12	9	11	10	10	10	10	10	11
130	127	125	134	136	110	125	133	133	125	126	138	145
189	194	192	191	186	112	178	177	173	154	156	183	183
247	250	250	257	246	200	247	252	253	250	251	261	264
228	223	225	228	223	152	215	223	223	202	200	228	227
349	347	353	354	340	233	343	347	338	330	335	368	361
117	116	117	127	115	60	110	115	111	105	102	116	120
880	864	862	891	824	495	830	823	809	754	699	811	827
5,290	5,287	5,358	5,351	5,257	3,780	5,213	5,232	5,214	5,101	5,046	5,361	5,487
61	60	61	62	60	45	60	60	60	58	55	62	63
1,488	1,537	1,545	1,522	1,485	1,083	1,501	1,501	1,476	1,436	1,442	1,541	1,576
938	925	952	992	947	639	871	913	902	884	910	945	977
337	319	323	341	331	200	310	318	327	301	294	325	338
132	136	140	148	136	94	145	149	140	143	144	152	149
214	216	216	217	210	168	212	212	213	211	207	213	215
676	659	676	683	680	466	658	665	651	635	613	655	672
1,443	1,435	1,444	1,386	1,408	1,086	1,456	1,412	1,445	1,433	1,381	1,468	1,497
8,730	8,693	8,788	8,815	8,611	6,236	8,545	8,578	8,538	8,312	8,214	8,775	8,935

10b

Jumlah jam bekerja suku tahunan mengikut aktiviti ekonomi, ST1 2018 - ST1 2022: Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

		(%)			
Aktiviti ekonomi <i>Economic activity</i>		2018			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	4.8	-4.9	-2.5	0.6
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-10.0	-7.8	-3.4	0.9
3.	Pembuatan <i>Manufacturing</i>	0.5	2.2	2.2	1.6
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	-5.8	2.2	2.2	5.3
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	3.4	8.4	6.0	3.6
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	12.4	7.5	2.8	4.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	-0.4	6.7	0.2	-0.9
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	3.1	0.7	2.7	-0.3
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>	-1.6	1.0	0.2	1.1
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	0.1	0.7	4.2	1.5
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	2.9	-1.1	2.0	1.6
4.	Pembinaan <i>Construction</i>	5.0	-0.1	0.0	-2.9
5.	Perkhidmatan <i>Services</i>	0.2	2.0	2.0	2.9
5.1	Utiliti <i>Utilities</i>	-3.0	3.2	4.9	2.0
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	1.1	1.7	3.7	2.6
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	3.4	6.7	8.4	9.0
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	1.5	1.3	1.4	3.5
5.5	Maklumat dan komunikasi <i>Information and communication</i>	6.0	0.2	-1.4	5.4
5.6	Kewangan dan insurans <i>Finance and insurance</i>	0.0	4.6	0.9	1.2
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	5.6	6.7	-3.2	-0.1
5.8	Perkhidmatan lain <i>Other services</i>	-5.4	-2.4	-0.2	0.7
Jumlah jam bekerja <i>Total hours worked</i>		1.2	0.9	1.3	1.7

10b

Quarterly total hours worked by economic activity, Q1 2018 - Q1 2022:
Percentage change from corresponding quarter of preceding year

												(%)
2019				2020 ^e				2021 ^p				2022 ^p
I	II	III	IV	I	II	III	IV	I	II	III	IV	I
2.7	2.1	2.0	0.2	-1.7	-13.1	-1.1	-0.3	0.8	16.7	1.5	1.1	0.4
-1.3	3.5	-1.0	-2.2	-5.6	-25.1	-2.4	-4.5	-2.5	22.6	-7.3	9.3	3.9
0.7	1.8	0.7	1.9	-0.7	-29.1	-3.4	-2.9	-1.4	32.3	-3.0	4.3	6.8
6.5	6.2	2.4	4.5	1.1	-19.6	-3.1	1.2	-1.3	23.8	2.2	7.0	12.5
6.9	3.9	-0.4	2.0	-2.2	-30.8	-12.3	-13.8	-14.6	11.4	-4.4	0.7	6.1
-0.2	0.2	7.4	10.5	4.6	-13.0	0.0	-0.9	-1.8	13.0	0.9	3.8	8.9
-3.9	-1.4	0.6	1.1	-1.4	-42.2	-7.3	-7.4	-7.3	37.1	-12.5	3.5	6.2
-2.4	1.3	-1.2	-1.3	-0.4	-20.0	-1.0	-2.2	2.9	25.3	1.4	3.6	4.3
2.6	0.1	0.4	2.1	-2.4	-31.5	-4.6	-2.3	-0.1	32.5	-6.9	2.2	1.9
0.8	2.6	-0.8	0.3	-2.4	-32.8	-2.9	-2.0	-0.7	41.8	-2.2	6.0	6.8
-0.3	1.8	0.4	0.2	-1.2	-48.8	-5.6	-9.8	-3.6	75.7	-7.9	1.2	7.5
-4.1	-2.7	-3.1	-3.2	-6.4	-42.7	-3.8	-7.7	-1.9	52.2	-15.7	-1.4	2.3
3.4	3.6	2.8	3.5	-0.6	-28.5	-2.7	-2.2	-0.8	34.9	-3.2	2.5	5.2
3.6	2.7	1.9	2.3	-1.0	-25.5	-1.7	-3.0	0.4	30.2	-7.9	2.6	4.9
1.3	3.1	3.2	3.0	-0.2	-29.5	-2.8	-1.4	-0.6	32.6	-3.9	2.6	6.8
9.6	9.2	6.6	6.9	0.9	-31.0	-8.5	-7.9	-4.7	38.5	4.5	3.5	8.4
1.8	3.3	2.8	2.0	-1.9	-37.3	-4.0	-6.8	-1.3	50.7	-5.3	2.1	3.4
3.5	3.8	4.7	5.4	3.4	-30.8	3.5	0.8	2.5	52.2	-0.9	1.9	6.5
4.7	0.1	1.3	2.1	-1.9	-22.2	-2.0	-2.2	1.5	25.3	-2.6	0.5	0.8
2.1	3.0	1.8	3.7	0.5	-29.4	-2.8	-2.6	-4.2	36.3	-6.7	-1.5	3.1
2.5	1.6	0.8	2.1	-2.4	-24.3	0.8	1.9	2.6	31.9	-5.2	3.9	3.6
2.0	2.4	1.8	2.1	-1.4	-28.3	-2.8	-2.7	-0.8	33.3	-3.9	2.3	4.6

11a

Pekerja tahunan mengikut aktiviti ekonomi, 2016 - 2021
Annual employment by economic activity, 2016 - 2021

('000)

Aktiviti ekonomi Economic activity		2016	2017	2018	2019	2020 ^e	2021 ^p
1.	Pertanian <i>Agriculture</i>	1,775	1,839	1,844	1,873	1,866	1,874
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	76	81	76	75	74	75
3.	Pembuatan <i>Manufacturing</i>	2,391	2,441	2,502	2,553	2,552	2,618
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	407	416	429	439	448	469
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	18	18	19	20	18	18
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	222	225	239	252	251	261
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	307	302	302	307	299	299
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	381	389	395	402	410	425
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated</i>	334	353	361	362	363	367
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	537	545	562	575	575	590
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	186	193	194	196	186	188
4.	Pembinaan <i>Construction</i>	1,498	1,497	1,509	1,463	1,399	1,385
5.	Perkhidmatan <i>Services</i>	8,439	8,601	8,880	9,161	9,206	9,338
5.1	Utiliti <i>Utilities</i>	99	98	101	103	104	105
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2,280	2,374	2,449	2,529	2,557	2,615
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	1,368	1,403	1,516	1,633	1,626	1,641
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	513	516	526	539	539	535
5.5	Maklumat dan komunikasi <i>Information and communication</i>	203	216	223	236	243	250
5.6	Kewangan dan insurans <i>Finance and insurance</i>	351	362	368	375	376	374
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	1,020	1,055	1,092	1,126	1,137	1,123
5.8	Perkhidmatan lain <i>Other services</i>	2,606	2,576	2,603	2,620	2,623	2,694
Jumlah pekerja <i>Total employment</i>		14,180	14,459	14,810	15,126	15,096	15,290

11b

Pekerja tahunan mengikut aktiviti ekonomi, 2016 - 2021: Perubahan peratusan tahunan
Annual employment by economic activity, 2016 - 2021: Annual percentage change

		(%)					
Aktiviti ekonomi Economic activity		2016	2017	2018	2019	2020 ^e	2021 ^p
1.	Pertanian <i>Agriculture</i>	-5.4	3.6	0.2	1.6	-0.4	0.4
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-3.5	5.5	-6.0	-0.4	-2.3	1.7
3.	Pembuatan <i>Manufacturing</i>	0.5	2.1	2.5	2.1	-0.1	2.6
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	6.1	2.2	3.1	2.4	2.0	4.7
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	-0.9	5.3	3.5	2.4	-7.8	-1.8
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	-0.6	1.4	6.6	5.5	-0.4	3.9
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	-2.0	-1.6	0.1	1.5	-2.5	0.1
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	1.2	2.0	1.6	1.8	2.0	3.6
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated</i>	2.0	5.7	2.2	0.5	0.2	1.1
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	0.8	1.6	3.2	2.2	0.1	2.6
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	-9.0	3.4	0.6	0.9	-4.8	0.9
4.	Pembinaan <i>Construction</i>	-1.3	-0.1	0.8	-3.1	-4.4	-1.0
5.	Perkhidmatan <i>Services</i>	3.7	1.9	3.2	3.2	0.5	1.4
5.1	Utiliti <i>Utilities</i>	-0.0	-0.4	2.7	2.2	0.8	1.1
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	7.0	4.1	3.2	3.3	1.1	2.2
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	4.3	2.6	8.1	7.7	-0.4	0.9
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	4.4	0.7	1.8	2.6	-0.1	-0.7
5.5	Maklumat dan komunikasi <i>Information and communication</i>	-1.2	6.3	3.7	5.6	3.1	2.5
5.6	Kewangan dan insurans <i>Finance and insurance</i>	0.5	3.1	1.8	1.7	0.4	-0.5
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	3.9	3.4	3.5	3.1	0.9	-1.2
5.8	Perkhidmatan lain <i>Other services</i>	1.3	-1.1	1.1	0.6	0.1	2.7
Jumlah pekerja <i>Total employment</i>		1.3	2.0	2.4	2.1	-0.2	1.3

12a

Pekerja suku tahunan mengikut aktiviti ekonomi, ST1 2018 - ST1 2021

('000)

Aktiviti ekonomi <i>Economic activity</i>	2018			
	I	II	III	IV
1. Pertanian <i>Agriculture</i>	1,841	1,826	1,861	1,848
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	79	76	78	69
3. Pembuatan <i>Manufacturing</i>	2,483	2,493	2,499	2,531
3.1 Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	425	427	430	434
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	19	19	19	19
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	247	240	232	239
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	299	301	304	305
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	394	395	394	398
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	362	361	360	360
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	549	560	568	572
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	188	190	191	206
4. Pembinaan <i>Construction</i>	1,526	1,495	1,491	1,525
5. Perkhidmatan <i>Services</i>	8,754	8,876	8,928	8,961
5.1 Utiliti <i>Utilities</i>	100	100	101	104
5.2 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2,407	2,479	2,475	2,434
5.3 Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	1,463	1,510	1,517	1,575
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	536	513	514	540
5.5 Maklumat dan komunikasi <i>Information and communication</i>	210	220	227	237
5.6 Kewangan dan insurans <i>Finance and insurance</i>	359	375	372	367
5.7 Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	1,092	1,069	1,102	1,106
5.8 Perkhidmatan lain <i>Other services</i>	2,587	2,611	2,620	2,597
Jumlah pekerja <i>Total employment</i>	14,684	14,767	14,857	14,933

12a

Quarterly total hours worked by economic activity, Q1 2018 - Q1 2022

												(‘000)
2019				2020 ^e				2021 ^p				2022 ^p
I	II	III	IV	I	II	III	IV	I	II	III	IV	I
1,881	1,862	1,892	1,857	1,883	1,852	1,877	1,851	1,870	1,886	1,889	1,849	1,854
76	77	79	70	74	75	78	68	74	74	76	76	76
2,535	2,539	2,550	2,588	2,576	2,506	2,540	2,584	2,604	2,577	2,612	2,678	2,702
437	436	440	444	445	443	447	458	461	464	469	483	486
20	20	19	19	20	17	17	17	18	17	18	18	18
256	252	247	255	267	244	244	250	263	258	256	268	278
305	305	308	310	307	290	298	302	303	286	300	308	309
398	402	402	407	406	404	411	418	424	425	424	426	435
362	361	363	364	363	360	362	367	372	358	363	375	379
566	572	578	583	576	568	575	583	576	585	593	608	600
191	192	192	207	191	180	185	189	189	183	188	193	196
1,464	1,456	1,439	1,493	1,424	1,364	1,404	1,404	1,391	1,390	1,374	1,386	1,382
9,054	9,143	9,202	9,246	9,284	9,087	9,197	9,255	9,298	9,279	9,323	9,451	9,561
102	102	103	106	104	103	103	106	106	105	105	106	107
2,486	2,562	2,554	2,514	2,544	2,557	2,577	2,551	2,578	2,590	2,624	2,666	2,704
1,585	1,621	1,631	1,694	1,686	1,580	1,593	1,644	1,630	1,634	1,643	1,658	1,694
551	526	527	554	564	523	523	546	556	522	518	543	559
221	233	240	250	231	240	248	254	241	247	251	259	252
369	379	377	374	374	379	379	373	375	375	374	373	373
1,127	1,104	1,135	1,140	1,154	1,113	1,139	1,141	1,126	1,122	1,116	1,130	1,134
2,614	2,617	2,636	2,614	2,627	2,591	2,634	2,639	2,685	2,683	2,692	2,717	2,738
15,010	15,078	15,162	15,255	15,243	14,884	15,096	15,162	15,237	15,207	15,275	15,441	15,575

12b

Pekerja suku tahunan mengikut aktiviti ekonomi, ST1 2018 - ST1 2022:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

(%)

	Aktiviti ekonomi <i>Economic activity</i>	2018			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	4.2	-3.7	0.6	0.2
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-7.7	-7.0	-5.4	-3.3
3.	Pembuatan <i>Manufacturing</i>	1.9	3.3	2.7	2.1
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	1.0	4.8	3.6	2.9
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	3.7	4.1	4.1	2.2
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	9.3	9.7	3.8	3.6
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	-1.6	-0.1	1.1	1.1
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	0.9	2.1	2.0	1.3
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>	2.8	3.2	1.6	1.3
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	1.5	4.0	4.2	3.0
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	1.2	-0.9	0.5	1.5
4.	Pembinaan <i>Construction</i>	4.1	0.6	1.3	-2.6
5.	Perkhidmatan <i>Services</i>	1.8	4.0	3.3	3.9
5.1	Utiliti <i>Utilities</i>	0.2	3.7	4.0	3.2
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	1.2	3.7	4.1	3.7
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	5.8	8.8	8.8	8.9
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	1.2	2.4	2.1	1.7
5.5	Maklumat dan komunikasi <i>Information and communication</i>	3.3	2.6	1.7	7.0
5.6	Kewangan dan insurans <i>Finance and insurance</i>	0.5	4.1	1.7	1.0
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	5.2	7.7	-0.7	2.5
5.8	Perkhidmatan lain <i>Other services</i>	-0.8	0.7	1.8	2.6
Jumlah pekerja <i>Total employment</i>		2.3	2.4	2.6	2.4

12b

Quarterly employment by economic activity, Q1 2018 - Q1 2022:
Percentage change from corresponding quarter of preceding year

													(%)
2019				2020 ^e				2021 ^p				2022 ^p	
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	
2.2	2.0	1.7	0.5	0.1	-0.5	-0.8	-0.4	-0.7	1.8	0.6	-0.1	-0.8	
-4.6	1.4	1.1	0.7	-1.7	-3.5	-2.3	-1.6	-0.8	-0.2	-2.3	11.0	2.6	
2.1	1.8	2.0	2.3	1.6	-1.3	-0.4	-0.2	1.1	2.8	2.9	3.6	3.7	
3.0	2.1	2.2	2.5	1.8	1.7	1.7	3.0	3.5	4.7	4.9	5.6	5.5	
3.2	2.3	1.2	3.0	1.5	-11.9	-10.1	-10.8	-9.3	-0.5	1.6	2.0	1.5	
3.9	4.9	6.4	6.8	4.4	-2.9	-1.4	-1.7	-1.7	5.6	5.2	7.0	5.9	
1.8	1.2	1.4	1.7	0.7	-5.0	-3.2	-2.6	-1.4	-1.2	0.6	2.3	2.1	
1.2	1.8	2.0	2.2	2.1	0.5	2.3	2.9	4.3	5.3	3.2	1.8	2.6	
-0.2	0.1	0.9	1.2	0.4	-0.4	-0.3	0.9	2.4	-0.5	0.4	2.1	1.9	
3.2	2.1	1.7	1.8	1.7	-0.7	-0.6	0.0	-0.1	3.1	3.2	4.3	4.3	
1.3	1.1	0.6	0.6	0.1	-6.3	-3.9	-8.5	-1.3	1.6	1.7	1.9	4.0	
-4.0	-2.6	-3.5	-2.1	-2.7	-6.3	-2.4	-6.0	-2.4	1.9	-2.1	-1.2	-0.6	
3.4	3.0	3.1	3.2	2.5	-0.6	-0.1	0.1	0.1	2.1	1.4	2.1	2.8	
2.3	2.5	2.1	2.1	1.7	0.9	0.7	0.1	1.4	1.7	1.3	-0.1	1.1	
3.3	3.4	3.2	3.3	2.3	-0.2	0.9	1.5	1.4	1.3	1.8	4.5	4.9	
8.3	7.3	7.5	7.6	6.4	-2.5	-2.3	-3.0	-3.3	3.4	3.2	0.8	3.9	
2.6	2.6	2.5	2.6	2.5	-0.7	-0.7	-1.6	-1.4	-0.1	-0.9	-0.4	0.5	
5.3	5.9	5.5	5.6	4.5	3.2	3.4	1.5	4.5	2.9	1.1	1.9	4.5	
2.7	1.1	1.4	1.8	1.5	-0.1	0.3	-0.2	0.2	-1.1	-1.1	-0.1	-0.7	
3.2	3.3	2.9	3.0	2.4	0.8	0.4	0.1	-2.4	0.8	-2.0	-1.0	0.7	
1.1	0.2	0.6	0.7	0.5	-1.0	-0.1	1.0	2.2	3.6	2.2	2.9	2.0	
2.2	2.1	2.1	2.2	1.6	-1.3	-0.4	-0.6	-0.0 4	2.2	1.2	1.8	2.2	

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INDEKS

Indices

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Produktiviti buruh tahunan, indeks produktiviti buruh per jam bekerja mengikut aktiviti ekonomi (2015=100), 2015 - 2021
 Annual labour productivity, index of labour productivity per hour worked by economic activity (2015=100), 2015 - 2021

Aktiviti ekonomi <i>Economic activity</i>		2015	2016	2017	2018	2019	2020 ^e	2021 ^p
1.	Pertanian <i>Agriculture</i>	100	100	101	102	102	104	99
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	100	102	100	103	103	102	99
3.	Pembuatan <i>Manufacturing</i>	100	104	107	111	114	121	125
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	100	95	102	105	104	111	106
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	100	108	109	106	107	105	109
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	100	102	110	107	109	96	101
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	100	109	116	120	128	139	145
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	100	104	104	107	111	117	123
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated</i>	100	103	101	105	108	105	104
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	100	107	112	118	121	137	145
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	100	107	111	116	122	139	130
4.	Pembinaan <i>Construction</i>	100	109	117	121	126	119	109
5.	Perkhidmatan <i>Services</i>	100	102	107	112	115	119	114
5.1	Utiliti <i>Utilities</i>	100	102	107	110	114	122	120
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	100	100	103	108	113	116	112
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	100	104	108	110	112	93	76
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	100	101	107	112	117	105	99
5.5	Maklumat dan komunikasi <i>Information and communication</i>	100	109	110	116	118	133	128
5.6	Kewangan dan insurans <i>Finance and insurance</i>	100	103	105	109	112	124	130
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	100	103	108	114	119	111	95
5.8	Perkhidmatan lain <i>Other services</i>	100	104	111	119	122	128	123
Produktiviti buruh <i>Labour productivity</i>		100	103	107	110	113	117	114

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Produktiviti buruh tahunan, indeks produktiviti buruh per pekerja mengikut aktiviti ekonomi (2015=100), 2015 - 2021
 Annual labour productivity, index of labour productivity per employment by economic activity (2015=100), 2015 - 2021

Aktiviti ekonomi Economic activity		2015	2016	2017	2018	2019	2020 ^e	2021 ^p
1.	Pertanian <i>Agriculture</i>	100	102	104	104	104	102	102
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	100	106	101	105	105	97	95
3.	Pembuatan <i>Manufacturing</i>	100	104	108	110	112	109	117
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	100	96	104	105	106	105	103
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	100	108	109	108	109	99	102
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	100	108	115	112	112	98	102
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	100	108	115	120	124	118	126
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	100	103	105	108	109	106	115
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated</i>	100	102	101	104	108	94	96
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	100	107	113	116	118	121	135
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	100	107	108	115	121	121	121
4.	Pembinaan <i>Construction</i>	100	109	116	120	124	105	100
5.	Perkhidmatan <i>Services</i>	100	102	106	110	113	107	107
5.1	Utiliti <i>Utilities</i>	100	105	109	111	115	113	115
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	100	99	102	107	111	103	103
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	100	103	108	109	111	81	72
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	100	101	107	111	116	91	93
5.5	Maklumat dan komunikasi <i>Information and communication</i>	100	109	112	117	118	121	125
5.6	Kewangan dan insurans <i>Finance and insurance</i>	100	102	104	107	111	113	125
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	100	103	107	111	117	98	88
5.8	Perkhidmatan lain <i>Other services</i>	100	103	110	114	118	117	117
Produktiviti buruh <i>Labour productivity</i>		100	103	107	109	112	106	108

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Produktiviti buruh tahunan, indeks produktiviti buruh per jam bekerja mengikut 9 subsektor keutamaan (2015=100), 2015-2021
Annual labour productivity, Index of labour productivity per hour worked by 9 priority sub-sectors (2015=100), 2015 - 2021

	Aktiviti ekonomi <i>Economic activity</i>	2015	2016	2017	2018	2019	2020 ^e	2021 ^p
1.	Agro-makanan <i>Agro-food</i>	100	99	101	102	104	109	108
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	100	108	111	114	115	117	128
3.	Mesin dan peralatan <i>Machinery and equipment</i>	100	108	107	114	117	125	130
4.	Elektrik dan elektronik <i>Electrical and electronics</i>	100	106	114	118	122	141	149
5.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	100	102	107	113	117	115	108
6.	Pelancongan <i>Tourism</i>	100	102	105	112	118	72	48
7.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology</i>	100	109	110	116	118	133	128
8.	Perkhidmatan profesional <i>Professional services</i>	100	105	114	121	128	130	113
9.	Penjagaan kesihatan swasta <i>Private healthcare</i>	100	104	102	106	109	107	114
	Produktiviti buruh <i>Labour productivity</i>	100	103	107	111	114	119	117

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Produktiviti buruh tahunan, indeks produktiviti buruh per pekerja mengikut 9 subsektor keutamaan (2015=100), 2015- 2021
 Annual labour productivity, index of labour productivity per employment by 9 priority sub-sectors (2015=100), 2015 - 2021

	Aktiviti ekonomi <i>Economic activity</i>	2015	2016	2017	2018	2019	2020 ^e	2021 ^p
1.	Agro-makanan <i>Agro-food</i>	100	102	106	105	107	107	111
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	100	106	110	111	109	104	115
3.	Mesin dan peralatan <i>Machinery and equipment</i>	100	106	108	112	113	110	120
4.	Elektrik dan elektronik <i>Electrical and electronics</i>	100	107	114	117	119	123	138
5.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	100	101	106	111	115	103	101
6.	Pelancongan <i>Tourism</i>	100	101	105	111	117	58	42
7.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	100	109	112	117	118	121	125
8.	Perkhidmatan professional <i>Professional services</i>	100	106	113	120	127	115	108
9.	Penjagaan kesihatan swasta <i>Private healthcare</i>	100	105	105	108	110	101	110
	Produktiviti buruh <i>Labour productivity</i>	100	103	107	110	112	107	110

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Produktiviti buruh suku tahunan, indeks produktiviti buruh per jam bekerja mengikut aktiviti ekonomi (2015=100),
ST1 2015 - ST1 2022

Aktiviti ekonomi <i>Economic activity</i>	2015				2016				2017			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
1. Pertanian <i>Agriculture</i>	90	95	112	103	95	98	105	100	97	93	108	107
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	106	106	100	90	100	97	103	110	93	100	93	116
3. Pembuatan <i>Manufacturing</i>	95	100	101	103	101	103	104	106	101	109	109	111
3.1 Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	84	105	107	104	87	94	96	101	84	104	105	118
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	77	117	115	95	98	119	115	98	94	128	112	104
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	94	109	99	98	97	109	104	98	100	118	114	107
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	98	102	100	101	110	109	108	108	115	123	114	114
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	95	96	105	104	99	101	107	108	99	103	110	106
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>	92	108	104	96	98	113	101	99	90	110	104	98
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	105	94	97	104	112	101	105	109	116	111	110	113
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	85	104	96	114	94	111	105	116	99	111	113	119
4. Pembinaan <i>Construction</i>	103	93	102	102	106	104	119	109	120	113	122	112
5. Perkhidmatan <i>Services</i>	96	98	103	104	98	99	105	108	101	105	107	114
5.1 Utiliti <i>Utilities</i>	94	102	105	99	97	107	104	99	101	110	111	107
5.2 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	93	99	105	104	94	93	105	108	95	98	106	111
5.3 Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	97	99	102	102	99	102	107	109	103	109	108	113
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	94	98	104	104	95	102	104	103	101	109	110	110
5.5 Maklumat dan komunikasi <i>Information and communication</i>	96	99	105	99	113	108	106	109	115	110	108	107
5.6 Kewangan dan insurans <i>Finance and insurance</i>	99	101	99	102	104	99	104	106	104	104	103	109
5.7 Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	98	97	104	100	104	100	103	105	107	115	100	109
5.8 Perkhidmatan lain <i>Other services</i>	95	96	100	110	98	100	104	113	101	106	112	126
Produktiviti buruh <i>Labour productivity</i>	96	98	102	103	99	100	105	107	102	105	108	112

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Quarterly labour productivity, index of labour productivity per hour worked by economic activity (2015=100), Q1 2015 - Q1 2022

2018				2019				2020 ^e				2021 ^p				2022 ^p
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
94	96	112	106	99	99	112	100	92	114	113	99	91	96	109	101	91
103	99	100	103	102	106	90	115	105	114	86	108	103	103	90	98	98
108	110	114	115	109	114	115	116	112	132	123	122	121	126	126	128	121
93	107	111	109	97	104	105	109	93	142	117	100	94	112	115	104	87
100	125	112	98	90	122	114	104	91	86	126	118	111	119	79	128	110
99	111	104	112	100	121	112	102	98	81	102	102	103	100	96	103	99
133	119	117	120	132	127	127	126	136	147	137	139	153	150	137	142	154
103	103	114	114	106	108	116	114	111	117	119	120	115	119	132	124	110
100	115	110	101	98	119	113	103	100	104	111	104	102	105	102	107	105
124	114	118	118	126	118	116	122	132	161	131	134	147	143	143	147	159
104	116	121	138	105	125	126	133	105	169	140	157	117	136	107	159	112
132	115	128	122	126	124	130	123	123	120	119	115	113	111	112	103	103
105	110	115	117	110	113	116	121	114	132	115	118	113	111	113	119	114
105	112	114	111	112	116	116	113	119	142	116	117	119	117	123	120	118
98	105	113	117	106	107	116	122	109	117	117	122	111	106	107	121	108
106	110	115	118	107	111	112	116	108	95	86	81	79	75	68	83	90
112	107	118	121	110	119	120	119	110	105	105	99	93	96	97	108	113
103	122	121	115	121	122	120	111	125	185	122	118	130	128	130	124	129
107	110	107	112	111	109	111	116	119	132	120	126	131	129	129	130	128
109	112	116	117	114	122	118	123	118	129	102	99	99	96	92	94	105
108	115	119	124	115	117	121	134	122	146	119	130	117	118	126	130	120
106	108	113	115	109	112	114	117	111	129	114	116	112	112	114	118	112

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Produktiviti buruh suku tahunan, indeks produktiviti buruh per pekerja mengikut aktiviti ekonomi
(2015=100), ST1 2015 - ST1 2022

Aktiviti ekonomi <i>Economic activity</i>	2015				2016				2017			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
1. Pertanian <i>Agriculture</i>	90	94	110	106	96	98	109	104	98	96	113	108
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	105	108	93	95	106	102	104	112	96	98	94	117
3. Pembuatan <i>Manufacturing</i>	95	101	101	103	100	104	104	108	103	109	109	111
3.1 Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	83	107	106	103	86	93	98	106	89	105	109	114
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	80	115	107	98	94	121	114	102	93	124	114	103
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	92	110	100	98	99	120	108	103	104	129	116	110
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	96	102	101	101	106	109	107	109	117	117	112	113
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	95	97	103	105	98	101	106	108	98	102	110	111
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	110	101	95	95	113	104	97	93	110	105	98
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	105	94	97	103	112	103	103	109	119	110	110	113
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	85	105	96	114	90	110	104	121	97	108	109	118
4. Pembinaan <i>Construction</i>	102	93	102	103	105	104	117	110	118	113	122	112
5. Perkhidmatan <i>Services</i>	96	99	102	103	98	99	104	107	101	105	107	112
5.1 Utiliti <i>Utilities</i>	94	102	103	101	102	109	108	103	104	112	113	108
5.2 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	93	99	104	104	93	93	104	108	95	98	105	112
5.3 Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	97	100	101	102	99	100	104	108	105	106	108	112
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	94	98	104	104	96	102	104	103	101	108	110	109
5.5 Maklumat dan komunikasi <i>Information and communication</i>	95	100	105	99	114	109	107	109	115	113	111	109
5.6 Kewangan dan insurans <i>Finance and insurance</i>	99	99	99	103	101	99	103	106	102	102	103	109
5.7 Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	99	98	103	101	103	102	102	105	105	113	101	109
5.8 Perkhidmatan lain <i>Other services</i>	96	97	100	107	98	102	103	111	103	106	111	119
Produktiviti buruh <i>Labour productivity</i>	96	99	102	104	99	101	104	108	103	105	109	111

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Quarterly labour productivity, index of labour productivity per employment by economic activity
(2015=100), Q1 2015 - Q1 2022

2018				2019				2020 ^e				2021 ^p				2022 ^p
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
97	98	112	108	101	100	114	102	92	101	115	101	93	98	112	104	94
101	104	95	121	106	105	91	118	105	88	87	108	101	98	86	96	97
106	110	112	114	108	113	114	115	108	93	118	118	114	115	114	124	117
96	104	108	111	98	107	108	110	93	114	114	99	90	107	110	104	89
91	123	113	103	92	126	116	104	89	69	125	114	103	108	74	122	107
102	122	115	110	103	123	114	109	101	74	106	109	106	98	96	107	105
123	121	118	117	128	126	123	121	128	89	127	127	136	126	111	131	142
101	104	112	113	103	105	113	114	105	91	113	114	108	111	123	119	105
95	113	108	101	99	117	112	103	98	71	105	100	97	95	90	104	100
124	113	112	118	124	115	113	118	125	105	124	127	138	129	129	142	153
98	116	117	126	104	122	124	132	102	90	135	154	112	126	94	154	110
119	117	127	118	125	122	129	122	118	72	116	112	109	100	94	100	102
106	107	112	115	109	111	115	119	110	93	110	113	107	104	103	114	111
108	113	114	110	113	117	118	113	117	106	115	114	117	111	112	119	119
100	101	111	117	104	105	115	121	104	81	111	118	104	96	96	114	103
107	106	109	113	108	108	111	115	103	65	79	77	74	69	64	80	89
105	112	115	114	109	117	119	119	105	65	101	93	89	90	89	105	111
120	120	118	110	122	120	118	111	125	122	120	117	127	125	126	123	129
109	102	107	112	111	106	110	116	115	100	116	123	127	124	122	128	127
108	114	110	115	112	119	115	121	113	88	96	95	94	88	82	89	102
109	110	115	123	113	115	118	127	116	109	117	125	113	113	115	126	117
106	107	111	114	108	110	113	116	108	93	111	112	107	105	105	114	110

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Indeks jam bekerja tahunan mengikut aktiviti ekonomi (2015=100), 2015 - 2021
Annual hours worked index by economic activity (2015=100), 2015 - 2021

Aktiviti ekonomi <i>Economic activity</i>		2015	2016	2017	2018	2019	2020 ^e	2021 ^p
1.	Pertanian <i>Agriculture</i>	100	97	101	100	102	98	102
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	100	100	103	97	97	88	92
3.	Pembuatan <i>Manufacturing</i>	100	101	103	105	106	97	103
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	100	107	110	111	117	111	119
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	100	99	104	109	113	96	93
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	100	105	105	112	117	114	118
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	100	97	95	96	95	81	83
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	100	101	104	106	105	99	106
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated</i>	100	101	109	109	110	99	104
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	100	101	103	104	105	95	103
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	100	91	92	94	94	79	86
4.	Pembinaan <i>Construction</i>	100	98	98	99	95	81	84
5.	Perkhidmatan <i>Services</i>	100	103	105	107	111	101	108
5.1	Utiliti <i>Utilities</i>	100	104	101	103	106	98	102
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	100	107	111	114	117	107	113
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	100	103	107	114	123	109	118
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	100	105	104	106	109	96	103
5.5	Maklumat dan komunikasi <i>Information and communication</i>	100	99	107	110	114	108	119
5.6	Kewangan dan insurans <i>Finance and insurance</i>	100	100	102	104	106	99	104
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	100	104	107	109	112	103	106
5.8	Perkhidmatan lain <i>Other services</i>	100	101	99	97	99	93	99
Jumlah jam bekerja <i>Total hours worked</i>		100	102	104	105	107	98	103

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Indeks pekerja tahunan mengikut aktiviti ekonomi (2015=100), 2015 - 2021
Annual employment index by economic activity (2015=100), 2015 - 2021

Aktiviti ekonomi Economic activity		2015	2016	2017	2018	2019	2020 ^e	2021 ^p
1.	Pertanian <i>Agriculture</i>	100	95	98	98	100	99	100
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	100	97	102	96	95	93	95
3.	Pembuatan <i>Manufacturing</i>	100	101	103	105	107	107	110
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	100	106	109	112	115	117	122
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	100	99	104	108	111	102	100
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	100	99	101	107	113	113	117
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	100	98	96	97	98	96	96
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	100	101	103	105	107	109	113
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	102	108	110	111	111	112
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	100	101	102	106	108	108	111
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	100	91	94	95	96	91	92
4.	Pembinaan <i>Construction</i>	100	99	99	99	96	92	91
5.	Perkhidmatan <i>Services</i>	100	104	106	109	113	113	115
5.1	Utiliti <i>Utilities</i>	100	100	100	102	105	106	107
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	100	107	111	115	119	120	123
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	100	104	107	116	124	124	125
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	100	104	105	107	110	110	109
5.5	Maklumat dan komunikasi <i>Information and communication</i>	100	99	105	109	115	119	122
5.6	Kewangan dan insurans <i>Finance and insurance</i>	100	101	104	106	107	108	107
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	100	104	107	111	115	116	114
5.8	Perkhidmatan lain <i>Other services</i>	100	101	100	101	102	102	105
Jumlah pekerja <i>Total employment</i>		100	101	103	106	108	108	109

Aktiviti ekonomi <i>Economic activity</i>	2015				2016				2017			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
1. Pertanian <i>Agriculture</i>	98	104	101	96	91	94	103	98	95	104	103	100
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	98	94	95	113	103	105	94	97	112	102	106	91
3. Pembuatan <i>Manufacturing</i>	100	100	99	101	98	101	101	103	104	101	103	104
3.1 Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	101	101	98	100	104	105	109	111	115	107	113	106
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	108	97	93	102	91	102	99	104	103	101	106	104
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	97	101	101	101	102	107	103	107	105	107	102	106
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	100	99	100	101	95	98	97	99	98	92	95	95
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	101	100	98	101	99	101	101	102	102	102	103	109
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	100	98	101	98	101	105	103	110	107	109	108
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	99	100	100	100	100	102	99	103	104	101	102	104
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	99	101	99	101	88	88	90	98	90	91	90	98
4. Pembinaan <i>Construction</i>	96	100	101	102	101	98	94	100	95	97	97	103
5. Perkhidmatan <i>Services</i>	100	99	98	102	103	104	102	104	106	104	106	105
5.1 Utiliti <i>Utilities</i>	103	98	96	102	106	99	103	106	105	98	99	103
5.2 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	101	97	98	104	106	110	104	107	111	112	111	110
5.3 Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	100	98	97	105	104	102	100	106	107	103	107	110
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	103	99	97	101	108	101	102	108	108	101	102	107
5.5 Maklumat dan komunikasi <i>Information and communication</i>	101	100	98	102	92	101	104	100	99	107	112	110
5.6 Kewangan dan insurans <i>Finance and insurance</i>	101	98	99	102	97	101	100	101	100	101	104	103
5.7 Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	99	102	95	104	100	107	104	106	104	100	114	110
5.8 Perkhidmatan lain <i>Other services</i>	100	102	101	98	102	102	101	99	103	100	100	94
Jumlah jam bekerja <i>Total hours worked</i>	100	100	99	101	101	102	101	103	103	103	104	104

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Quarterly hours worked index by economic activity (2015=100), Q1 2018 - Q1 2022

2018				2019				2020 ^e				2021 ^p				2022 ^p
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
100	99	101	100	103	101	103	101	101	88	101	100	102	102	103	102	102
101	94	102	92	100	97	101	90	94	73	99	86	92	89	92	94	95
105	104	105	106	105	105	106	108	105	75	102	105	103	99	99	109	110
109	109	115	112	116	116	118	117	117	93	114	118	115	116	117	127	130
107	110	112	108	114	114	112	110	112	79	98	95	95	88	94	96	101
118	115	105	110	118	115	113	122	123	100	113	121	121	113	114	125	132
98	98	95	94	94	97	96	95	93	56	89	88	86	77	78	91	91
106	103	105	109	103	104	104	107	103	83	103	105	106	104	105	109	110
108	108	109	109	111	109	110	111	109	74	105	109	109	99	97	111	111
104	101	107	106	105	104	106	106	102	70	103	104	101	99	101	110	108
92	90	92	100	92	92	92	100	91	47	87	90	88	83	80	91	94
100	97	97	100	96	94	94	97	90	54	91	90	88	82	76	89	90
107	106	108	108	110	110	112	111	109	79	109	109	109	106	105	112	114
101	102	104	105	105	104	106	108	104	78	104	105	104	101	96	107	110
113	114	115	113	114	118	118	117	114	83	115	115	113	110	111	118	121
111	110	116	120	121	120	123	128	122	83	113	118	117	114	118	122	126
109	102	104	111	111	105	107	113	109	66	103	105	108	99	97	107	112
105	107	110	115	109	112	115	122	112	77	119	123	115	117	118	125	123
100	106	105	104	105	106	106	107	103	83	104	104	105	104	102	105	106
110	106	110	109	112	110	112	113	113	77	109	111	108	106	102	109	112
98	98	99	94	100	100	100	96	98	75	101	98	100	99	96	102	104
105	104	106	106	107	106	107	108	105	76	105	105	104	102	100	107	109

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Indeks pekerja suku tahunan mengikut aktiviti ekonomi (2015=100), ST1 2015 - ST1 2022

Aktiviti ekonomi <i>Economic activity</i>	2015				2016				2017			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
1. Pertanian <i>Agriculture</i>	99	104	103	94	90	94	100	94	94	101	99	98
2. Perombongan dan pengkuarian <i>Mining and quarrying</i>	99	92	101	107	98	100	93	95	109	104	105	90
3. Pembuatan <i>Manufacturing</i>	100	99	100	101	100	100	101	102	102	101	102	104
3.1 Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	102	99	98	101	105	106	107	107	110	106	108	110
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	103	99	100	99	95	101	100	101	104	104	104	105
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	100	99	100	101	99	98	99	101	101	98	100	103
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	101	99	99	100	98	98	98	98	97	96	96	96
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic</i>	100	99	100	101	100	101	101	103	103	103	103	104
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	99	101	102	101	101	102	104	108	107	108	109
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	100	100	100	101	100	100	101	102	101	101	102	104
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	99	100	99	102	92	89	90	93	91	94	93	99
4. Pembinaan <i>Construction</i>	98	100	101	101	102	98	96	99	97	98	97	103
5. Perkhidmatan <i>Services</i>	100	99	99	102	103	104	103	104	106	105	106	106
5.1 Utiliti <i>Utilities</i>	102	99	99	101	101	97	100	102	101	97	98	102
5.2 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	102	96	99	104	107	110	106	106	112	112	112	110
5.3 Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	100	97	99	104	104	104	102	106	105	106	106	110
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	103	99	97	101	107	101	101	108	108	102	102	108
5.5 Maklumat dan komunikasi <i>Information and communication</i>	101	99	98	101	92	100	104	100	99	104	109	108
5.6 Kewangan dan insurans <i>Finance and insurance</i>	102	99	99	100	100	101	100	101	102	103	105	104
5.7 Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	99	102	96	103	100	105	104	107	106	101	113	110
5.8 Perkhidmatan lain <i>Other services</i>	99	100	100	101	102	100	103	101	101	101	100	98
Jumlah pekerja <i>Total employment</i>	100	100	100	101	101	101	101	102	103	103	104	104

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Quarterly employment index by economic activity (2015=100), Q1 2015 - Q1 2022

2018				2019				2020 ^e				2021 ^p				2022 ^p
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
98	97	99	98	100	99	101	99	100	99	100	99	100	101	101	99	99
100	96	99	87	96	98	100	88	94	94	98	87	93	94	96	96	96
104	105	105	106	107	107	107	109	108	105	107	109	109	108	110	113	114
111	111	112	113	114	114	115	116	116	116	117	119	120	121	122	126	127
108	108	109	107	111	111	110	110	113	98	99	98	103	97	100	100	104
111	108	104	107	115	113	111	114	120	110	109	112	118	116	115	120	125
96	96	97	97	97	97	98	99	98	93	95	96	97	91	96	98	99
104	105	105	106	106	107	107	108	108	107	109	111	113	113	113	113	115
111	110	110	110	111	110	111	111	111	110	111	112	114	109	111	115	116
103	105	107	107	106	107	108	109	108	107	108	109	108	110	111	114	113
92	93	93	101	93	94	94	101	93	88	90	93	92	89	92	94	96
101	99	98	100	97	96	95	98	94	90	93	92	92	92	91	91	91
108	109	110	110	111	112	113	114	114	112	113	114	114	114	115	116	117
101	101	102	105	104	103	104	108	105	104	105	108	107	106	106	108	108
113	116	116	114	117	120	120	118	119	120	121	120	121	122	123	125	127
112	115	116	120	121	124	124	129	129	120	121	125	124	125	125	126	129
109	104	105	110	112	107	107	113	115	106	106	111	113	106	105	111	114
102	107	111	115	108	113	117	122	113	117	121	124	118	121	122	126	123
103	108	107	105	106	109	108	107	107	109	109	107	108	107	107	107	107
111	109	112	113	115	112	116	116	117	113	116	116	115	114	114	115	116
101	102	102	101	102	102	102	102	102	101	102	103	104	104	105	106	106
105	106	106	107	107	108	108	109	109	106	108	108	109	109	109	110	111

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NOTA TEKNIKAL

Technical Notes



PENGENALAN

Penerbitan ini membentangkan statistik produktiviti buruh suku tahunan bagi tempoh suku pertama 2018 hingga suku pertama 2022 mengikut jenis aktiviti ekonomi. Statistik ini disusun berdasarkan konsep dan panduan yang digariskan dalam **System of National Accounts 2008, United Nations** dan **The Organisation for Economic Co-operation and Development (OECD) Manual: Measuring Productivity**.

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



SKOP DAN LIPUTAN

Produktiviti buruh meliputi lima sektor iaitu Pertanian, Perlombongan & pengkuarian, Pembuatan, Pembinaan dan Perkhidmatan berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver.1.0 yang 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 sektor Pembuatan dan Perkhidmatan boleh diperincikan kepada lapan subsektor.

Klasifikasi Aktiviti Ekonomi mengikut MSIC 2008 Ver. 1.0

SEKTOR	MSIC	KETERANGAN
Pertanian	A	Pertanian, perhutanan dan perikanan
Perlombongan dan pengkuarian	B	Perlombongan dan pengkuarian
Pembuatan	C	Pembuatan
	10	Minyak & 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 & 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 boleh didefinisikan nisbah output (barangan dan perkhidmatan) kepada input (pekerja jumlah jam atau bekerja). Ia merujuk kepada kecekapan dan keberkesanan setiap pekerja untuk menjana nilai ditambah atau output keseluruhan.

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 pelbagai faktor**. *Malaysia Productivity Blueprint* (MPB) telah menggariskan penggunaan input buruh sebagai indikator produktiviti sementara itu, 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 ianya mungkin tidak merujuk kepada jumlah sebenar pengeluaran bagi seorang pekerja. Pengguna disarankan menggunakan data indeks dan perubahan peratus bagi tujuan analisis. Nilai produktiviti buruh dalam penerbitan ini adalah sebagai rujukan sahaja dan sebarang analisis perbandingan perlu dibuat secara berhati-hati.

Nilai ditambah

Merujuk kepada perbezaan di 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

Merujuk kepada semua orang yang bekerja sekurang-kurangnya sejam semasa minggu rujukan untuk mendapatkan upah, keuntungan atau keuntungan keluarga (sebagai majikan, pekerja, pekerja 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, ladang, perusahaan 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 dan 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 mana dia telah bekerja paling lama dianggap sebagai pekerjaan utamanya.

Jumlah jam bekerja

Merujuk kepada agregat sebenar jam bekerja dalam tempoh rujukan. Ia adalah hasil darab daripada purata jam bekerja dengan pekerja. Pekerja 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.

$$THW = AHW \times EmpHW$$

di mana:

THW

jumlah jam bekerja

AHW

purata jam bekerja

EmpHW

jumlah pekerja mengikut jam bekerja

Produktiviti buruh per pekerja

Produktiviti buruh per pekerja ditakrifkan sebagai nisbah output (barangan dan perkhidmatan) kepada input (pekerja). Ia 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 selama satu jam dalam seminggu. Pekerja merujuk kepada keseluruhan pekerja termasuk mereka yang tidak bekerja pada akhir tempoh rujukan kerana sakit, kecederaan, hilang upaya, cuaca buruk, cuti, pertikaian buruh dan sebab sosial atau agama.

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

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). Ia 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 selama satu jam dalam seminggu. Pekerja 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.

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

di mana:

LPHW produktiviti buruh per jam bekerja
VA nilai ditambah
HW jumlah jam bekerja

Indeks produktiviti buruh

Indeks produktiviti buruh (LPI) adalah 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 atau jumlah jam bekerja). LPI diukur pada tempoh rujukan berbanding tahun asas 2015, (2015=100).

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

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 atau nilai ditambah per jumlah jam bekerja mengikut aktiviti ekonomi. Pengukuran produktiviti buruh per jam bekerja memberikan gambaran yang lebih baik berkenaan perkembangan produktiviti di dalam ekonomi berbanding produktiviti buruh per pekerja kerana elemen perbezaan komposisi pekerja sepenuh masa/separuh masa telah dihapuskan. Maklumat tambahan berkaitan penganggaran produktiviti buruh boleh diperoleh dari www.dosm.gov.my.

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

Kaedah penganggaran data pekerja adalah berdasarkan data banci dan survei yang dijalankan oleh DOSM serta data pentadbiran daripada pelbagai agensi. Anggaran suku tahunan dan tahunan meliputi keseluruhan pekerja mengikut aktiviti ekonomi. 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. Perlu diingatkan bahawa anggaran pekerja mengikut aktiviti ekonomi tidak berdasarkan Survei Tenaga Buruh kerana komponen pekerja produktiviti buruh telah mengambil kira penyelarasan sumber data penawaran dan permintaan buruh.

9 SUBSEKTOR KEUTAMAAN

Salah satu strategi nasional untuk memacu pertumbuhan dan perkembangan ekonomi secara berterusan adalah melalui kerjasama industri di Malaysia. Oleh itu, kerajaan telah melancarkan **Malaysia Productivity Blueprint (MPB)** pada Mei 2017 sebagai sebahagian daripada Rancangan Malaysia ke-11. Terdapat 9 subsektor keutamaan yang dikenal pasti dan melalui MPB juga boleh menunjukkan potensi pertumbuhan yang tinggi untuk negara. 9 subsektor keutamaan mengikut kategori tiga sektor utama ekonomi ialah sektor Perkhidmatan, Pembuatan dan Pertanian.

9 subsektor keutamaan telah dikenal pasti iaitu Agro-makanan; Kimia dan produk kimia; Elektrik dan elektronik; Mesin dan peralatan; Peruncitan dan makanan & minuman; Pelancongan; Teknologi, maklumat dan Komunikasi; Perkhidmatan profesional; dan Penjagaan kesihatan swasta. Pemilihan 9 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:



9 subsektor keutamaan untuk memacu pelaksanaan inisiatif produktiviti seperti yang digariskan oleh (MPB) adalah seperti berikut:



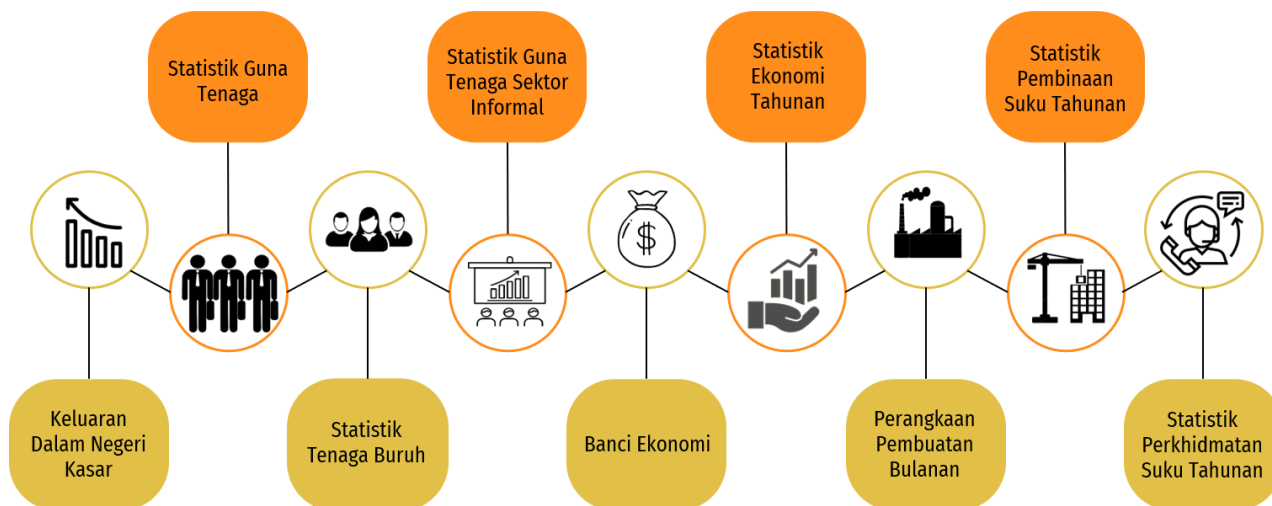
Klasifikasi 9 subsektor keutamaan yang telah ditentukan menggunakan MSIC 2008 Ver. 1.0 adalah seperti yang ditunjukkan di bawah.

Klasifikasi 9 subsektor keutamaan menggunakan MSIC 2008 Ver. 1.0

MSIC	KETERANGAN
AGRO MAKANAN	
011	Penanaman tanaman tidak kekal
012	Penanaman tanaman kekal*
013	Pembiakan tumbuhan
014	Pengeluaran ternakan
015	Pertanian campuran
03	Perikanan dan akuakultur
	* 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
JENTERA DAN PERALATAN	
28	Pembuatan jentera dan peralatan t.t.t.l.
PERUNCITAN, MAKANAN DAN MINUMAN	
47	Perdagangan runcit, kecuali kenderaan bermotor dan motosikal
56	Aktiviti perkhidmatan makanan dan minuman
PELANCONGAN	
55	Penginapan
TEKNOLOGI MAKLUMAT DAN KOMUNIKASI (ICT)	
58	Aktiviti penerbitan
59	Aktiviti penerbitan wayang gambar, penerbitan 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
PENJAGAAN KESIHATAN SWASTA	
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
PERKHIDMATAN PROFESIONAL	
86	Aktiviti kesihatan kemanusiaan

SUMBER DATA

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



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

PEMBUNDARAN

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

SIMBOL DAN SINGKATAN

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

PENERBITAN DAN SEMAKAN STATISTIK

Statistik produktiviti buruh yang dilaporkan dalam penerbitan ini bermula dari suku pertama 2018 hingga suku pertama 2022 disusun berdasarkan anggaran Keluaran Dalam Negeri Kasar, jam bekerja dan pekerja. Statistik pekerja telah diselaraskan berdasarkan data terkini banci dan survei yang dilaksanakan oleh Jabatan. Semakan semula statistik produktiviti buruh adalah tertakluk kepada semakan statistik nilai ditambah, jam bekerja dan pekerja.

INTRODUCTION

This publication presents the quarterly statistics of labor productivity from the first quarter of 2018 to the first quarter of 2022 by economic activity. These statistics are compiled based on the concepts and guidelines outlined in the System of National Accounts 2008, United Nations and The Organisation for Economic Co-operation and Development (OECD) Manual: Measuring Productivity.

Statistics available in this publication are annual values and 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 will be available to the public starting in the first quarter of 2022.

SCOPE AND COVERAGE

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

Classification of Economic Activity according to MSIC 2008 Ver. 1.0

SECTOR	MSIC	DESCRIPTION
Agriculture	A	Agriculture, forestry & fishing
Mining & Quarrying	B	Mining & 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 *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

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 the 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 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

The difference between output and intermediate consumption. It represents the value added of goods and services by economic activity. Hence, it is approximately equivalent to commercial profit, salaries and wages, depreciation and indirect taxes; plus, interest paid and less interest received.

Employment

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, farmer 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 are 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 number of hours worked during the reference period. It is defined as the product of the average hours worked and the number of people in employment. Employment refers to is 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/ religion reason.

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

whereas:

THW	total hour worked
AHW	average hours worked
EmpHW	employment

Labour productivity value added per employment

Labour productivity per employment is measured as output (goods and services) per input ratio (employment). It is defined as the output produced by persons who worked for pay or profit (or pay in kind) and persons who were temporarily absent from work due to illness, maternity, holiday, training or labour dispute; and unpaid family workers who worked for at least one hour within a week. Employment refers to is 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/ religion reason.

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

whereas:

LPE	labour productivity per employment
VA	value added
Emp	total employment

Labour productivity value added per hour worked

Labour productivity per hour worked is defined as the ratio of output (goods and services) to input (total working hours). Labour productivity by number of working hours reflects the amount of output produced within an hour based on the category of employees either in full time, part time or self-employed. Employment refers to is 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/ religion reason.

whereas:

$$\text{LPHW} = \frac{\text{VA}}{\text{HW}}$$

LPHW	labour productivity per hours worked
VA	value added
HW	total hours worked

Labour productivity index

Index of labour productivity (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).

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

where as:

LP_i index of labour productivity

O_i output index (added value)

I_i input index (employment or total hour 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 with total hours worked and total employment by industry. Measurement of labour productivity per hour worked provides a better picture of the development of productivity in the economy than labour productivity per employee 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 used at constant prices where it refers to the value of goods and services at 2015 prices. Total employment refers to the overall number of employees in the reference period. Meanwhile, total hours worked are the aggregate number of hours actually worked during the period in employees and self-employment jobs.

The methodology of estimating employment data are based on the calibration of household information namely Labour Force Statistics and Informal Sector Workforce Statistics and information of establishment from Monthly Manufacturing Statistics, Quarterly Services Statistics, Quarterly Employment Statistics, Economic Census and Annual Economic Statistics.

9 PRIORITY SUB-SECTORS

Unlocking greater productivity within industry in Malaysia is one of the national strategies to drive continuous economic growth and expansion. In line with this, the Government launched the Malaysia Productivity Blueprint (MPB) in May 2017 as part of the 11th Malaysia Plan. Within the MPB, 9 priority sub-sectors were identified as presenting high potential growth for the country. The 9 priority sub-sectors are under three main economic sectors namely Services, Manufacturing and Agriculture.

9 priority sub-sectors are identified as retail and food & beverages (F&B); electrical and electronics (E&E); chemicals and chemical products; agro-food; professional services; tourism; information, communication and technology (ICT); machinery and equipment; and private healthcare. Combined, the 9 priority sub-sectors selected contribute 30 per cent of Malaysia's Gross Domestic Product (GDP) and 40 per cent of total employment. These sub-sectors are prioritised based on the following criteria:



9 priority sub-sectors to drive the implementation of productivity initiatives as outlined by the Malaysia Productivity Blueprint (MPB) are as follows:



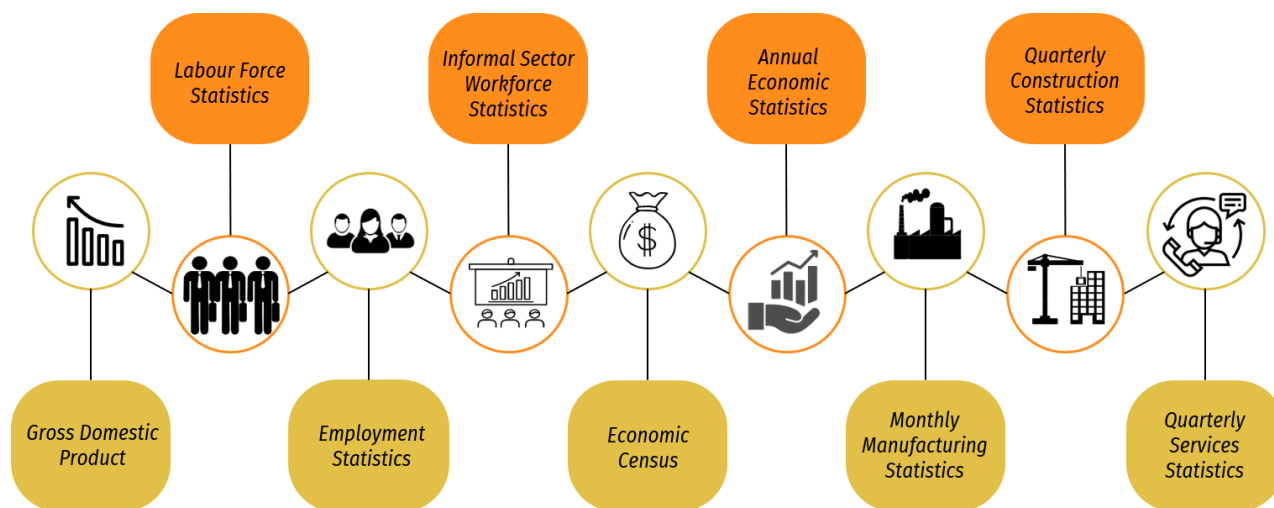
Labour productivity is compiled by kind of economic activity based on Malaysia Standard Industrial Classification 2008 Ver. 1.0 as shown in table below.

Classification of 9 priority sub-sectors using MSIC 2008 Ver. 1.0

MSIC	DESCRIPTION
AGRO-FOOD	
011	<i>Growing of non-perennial crops</i>
012	<i>Growing of perennial crops*</i>
013	<i>Plant propagation</i>
014	<i>Animal production</i>
015	<i>Mixed farming</i>
03	<i>Fishing & aquaculture</i>
	<i>* exclude: 01261, 01262, 01273, 01281, 01291, 01292, 01295</i>
CHEMICALS AND CHEMICAL PRODUCTS	
20	<i>Manufacture of chemicals and chemical products</i>
ELECTRICAL AND ELECTRONICS	
26	<i>Manufacture of computer, electronic and optical products</i>
27	<i>Manufacture of electrical equipment</i>
MACHINERY AND EQUIPMENT	
28	<i>Manufacture of machinery and equipment n.e.c.</i>
RETAIL AND FOOD & BEVERAGES	
47	<i>Retail trade, except of motor vehicles and motorcycles</i>
56	<i>Food and beverage service activities</i>
TOURISM	
55	<i>Accommodation</i>
INFORMATION, COMMUNICATION AND TECHNOLOGY (ICT)	
58	<i>Publishing activities</i>
59	<i>Motion picture, video and television programme production, sound recording and music publishing activities</i>
60	<i>Programming and broadcasting activities</i>
61	<i>Telecommunications</i>
62	<i>Computer programming, consultancy and related activities</i>
63	<i>Information service activities</i>
PRIVATE HEALTHCARE	
69	<i>Legal and accounting activities</i>
70	<i>Activities of head offices; management consultancy activities</i>
71	<i>Architectural and engineering activities; technical testing and analysis</i>
72	<i>Scientific research and development</i>
73	<i>Advertising and market research</i>
74	<i>Other professional, scientific and technical activities</i>
75	<i>Veterinary activities</i>
PROFESSIONAL SERVICES	
86	<i>Human health activities</i>

DATA SOURCES

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



ROUNDING

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

SYMBOLS AND ABBREVIATIONS

&	: and	ST	: quarter	e	: estimate
%	: percentage	KDNK	: Gross Domestic Product	p	: preliminary
RM	: Ringgit Malaysia	NPISHs	: Non-Profit Institutions Serving Households	OECD	: Organisation for Economic Co-operation and Development
MPB : Malaysia Productivity Blueprint					

PUBLICATION AND REVISION OF STATISTICS

Labour productivity statistics from the first quarter 2018 to first quarter 2022 are compiled based on 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 the Department. Revision of statistics on labour productivity are subject to any revision on the statistics of value added, hours worked and employment.

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

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