



**JABATAN PERDANA MENTERI
JABATAN PERANGKAAN MALAYSIA**

PRODUKTIVITI BURUH

LABOUR PRODUCTIVITY

SUKU KEEMPAT 2021

FOURTH QUARTER 2021

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**

Diterbitkan dan dicetak oleh / *Published and printed by:*

Jabatan Perangkaan Malaysia

Department of Statistics, Malaysia

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ISSN: 2590-4426

KATA PENGANTAR

Penerbitan ini memaparkan statistik suku tahunan produktiviti buruh di Malaysia bagi suku tahun keempat 2021. Konsep produktiviti buruh yang digunakan merujuk kepada nisbah di 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 2017 hingga suku tahun keempat 2021. 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 tiga bahagian di dalam penerbitan ini. Bahagian pertama memaparkan ringkasan penemuan utama statistik produktiviti buruh. Jadual perangkaan terperinci dipaparkan di bahagian kedua. 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

Februari 2022

PREFACE

This publication presents quarterly labour productivity statistics in Malaysia for the fourth quarter of 2021. 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 2017 to the fourth quarter of 2021. 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 three 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. 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

February 2022

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RINGKASAN PENEMUAN

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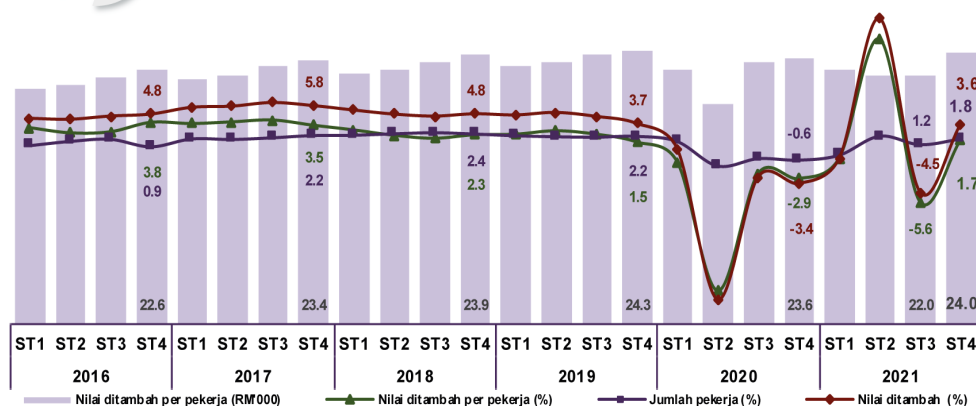
1



PRODUKTIVITI BURUH SUKU KEEMPAT 2021



PRODUKTIVITI BURUH, NILAI DITAMBAH PER PEKERJA



Produktiviti Buruh
(per pekerja)

ST4 2021
RM24,006
(1.7%)

Jumlah Pekerja
(‘000 orang)

ST4 2021
15,441
(1.8%)

Produktiviti buruh
meningkat 1.7% pada
ST4 2021 merekodkan
nilai ditambah per pekerja
RM24,006 per pekerja



ST4 2021
ST3 2021

Pertanian

RM13,498 2.9%
RM14,537 -2.6%



Perlombongan & Pertanian

RM311,151 -10.7%
RM276,330 -1.3%



Pembuatan

RM34,316 5.3%
RM31,356 -3.5%



Pembinaan

RM9,063 -11.2%
RM8,597 -18.8%



Perkhidmatan

RM22,565 1.0%
RM20,423 -6.2%

Produktiviti Buruh
(per jam bekerja)

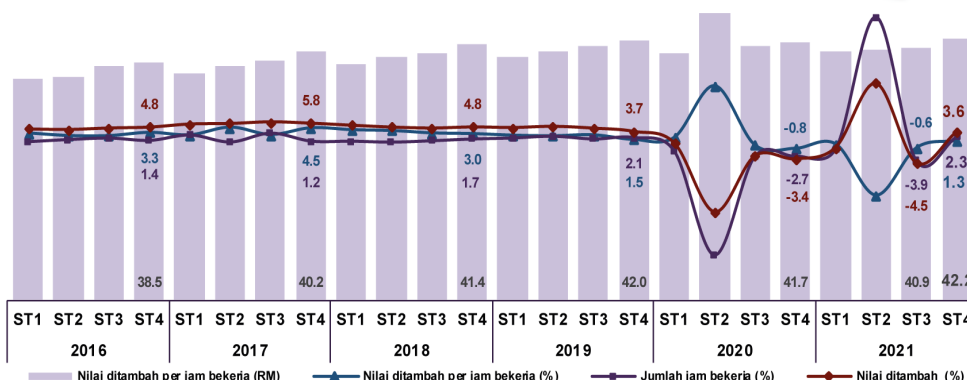
ST4 2021
RM42.2
(1.3%)

Jumlah Jam Bekerja
(juta jam)

ST4 2021
8,775
(2.3%)

Produktiviti buruh per jam bekerja
mencatatkan **peningkatan**
dengan **pertumbuhan 1.3%**
selepas merekodkan penurunan
marginal 0.6% pada
suku tahun sebelumnya

PRODUKTIVITI BURUH, NILAI DITAMBAH PER JAM BEKERJA



ST4 2021
ST3 2021

Pertanian

RM25.4 1.7%
RM27.6 -3.4%



Perlombongan & Pertanian

RM526.8 -9.3%
RM479.6 4.1%



Pembuatan

RM58.4 4.6%
RM57.3 2.3%



Pembinaan

RM15.5 -11.0%
RM16.9 -5.7%



Perkhidmatan

RM39.8 0.7%
RM37.7 -1.8%

Nota:

- 1) Produkiviti buruh per pekerja Jumlah pekerja ('000 orang) Produkiviti buruh per jam bekerja Jumlah jam bekerja (juta jam)
- 2) % merujuk kepada perubahan peralutan tahunan daripada suku yang sama tahun sebelumnya

Sumber: Produktiviti Buruh,
Suku Keempat 2021
Jabatan Perangkaan Malaysia



JABATAN PERDANA MENTERI
JABATAN PERANGKAAAN MALAYSIA

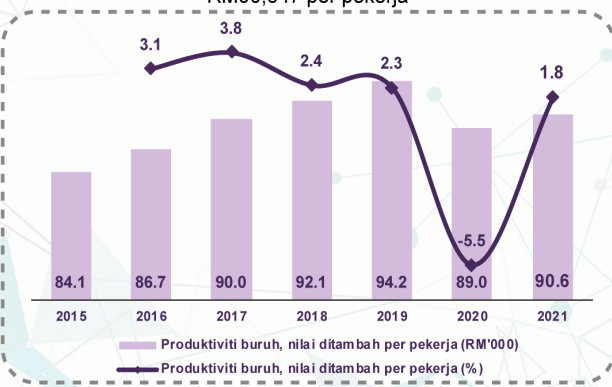


PRODUKTIVITI BURUH TAHUNAN 2021

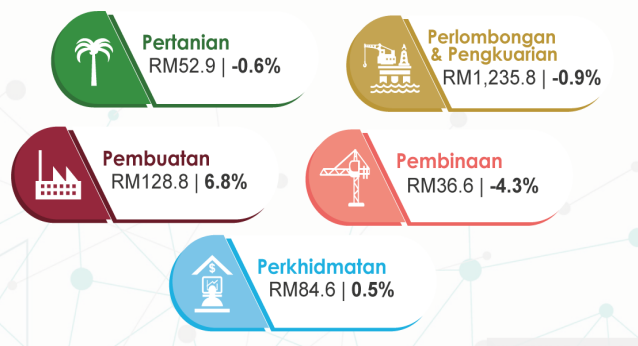


PRODUKTIVITI BURUH, NILAI DITAMBAH PER PEKERJA

Prestasi produktiviti buruh per pekerja bagi tahun 2021 **naik 1.8%** dengan merekodkan nilai ditambah per pekerja sebanyak RM90,647 per pekerja



Sektor **Pembuatan dan Perkhidmatan** meningkat manakala lain-lain sektor merekodkan penurunan produktiviti buruh per pekerja

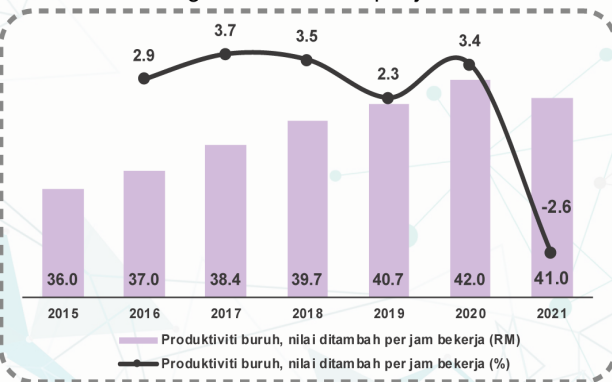


Nilai ('000) | Pertumbuhan

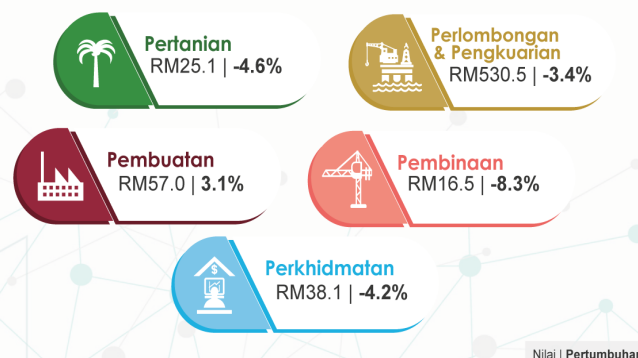


PRODUKTIVITI BURUH, NILAI DITAMBAH PER JAM BEKERJA

Nilai ditambah per jam bekerja **jatuh 2.6%** dengan nilai RM41.0 per jam



Produktiviti buruh per jam bekerja bagi semua sektor menurun kecuali **sektor Pembuatan** yang merekodkan peningkatan



Nilai | Pertumbuhan

PRODUKTIVITI BURUH TAHUNAN BAGI 9 SUBSEKTOR KEUTAMAAN

Nilai (RM)



Nilai (RM)

(%)

94,410

3.1



Agro-makanan

47.8

-1.2

304,665

10.1



Kimia dan Produk Kimia

132.9

9.0

93,999

9.0



Mesin dan Peralatan

40.6

4.6

198,437

12.0



Elektrik dan Elektronik

85.5

5.6

41,979

-1.7



Peruncitan dan Makanan & Minuman

18.8

-5.9

26,179

-29.7



Pelancongan

12.5

-32.8

380,788

3.7



Teknologi Maklumat & Komunikasi

164.2

-3.6

73,630

-5.6



Perkhidmatan Profesional

33.0

-13.1

64,201

8.7



Perniagaan Kesihatan Swasta

29.0

6.6

Nota:

1) Produktiviti buruh per pekerja Produktiviti buruh per jam bekerja

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

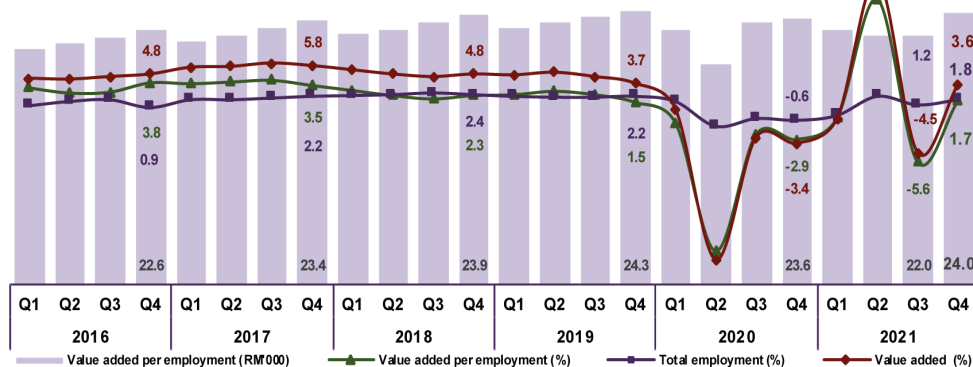
Sumber: Produktiviti Buruh,
Suku Keempat 2021
Jabatan Perangkaan Malaysia



LABOUR PRODUCTIVITY OF FOURTH QUARTER



LABOUR PRODUCTIVITY, VALUE ADDED PER EMPLOYMENT



Labour Productivity
(per person)

Total Employment
('000 persons)

Q4 2021
RM24,006
(1.7%)

Q4 2021
15,441
(1.8%)

Labour productivity picked up in Q4 2021 by 1.7% to record value added per employment at RM24,006 per person



Agriculture

RM13,498 2.9%
RM14,537 -2.6%



Mining & Quarrying

RM311,151 -10.7%
RM276,330 -1.3%



Manufacturing

RM34,316 5.3%
RM31,356 -3.5%



Construction

RM9,063 -11.2%
RM8,597 -18.8%



Services

RM22,565 1.0%
RM20,423 -6.2%

Labour Productivity
(per hour worked)

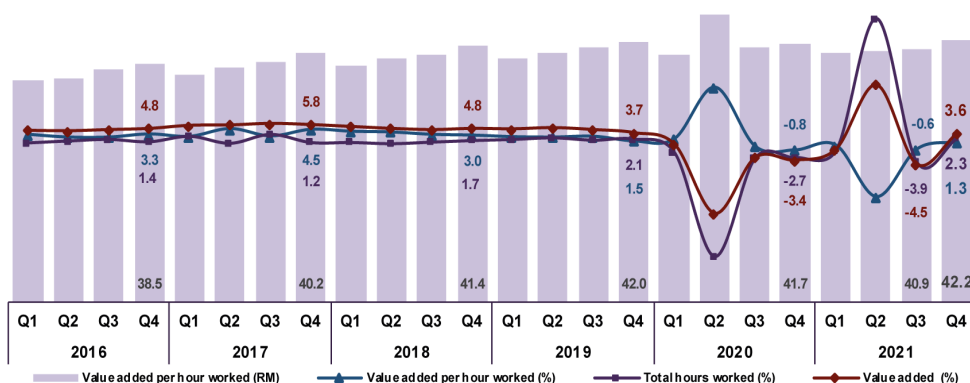
Total hours worked
(million hours)

Q4 2021
RM42.2
(1.3%)

Q4 2021
8,775
(2.3%)

Labour productivity per hour worked posted an increase with a growth of 1.3% after decreased marginally by 0.6% in the preceding quarter.

LABOUR PRODUCTIVITY, VALUE ADDED PER HOUR WORKED



Agriculture

RM25.4 1.7%
RM27.6 -3.4%



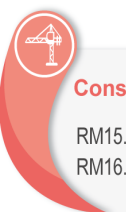
Mining & Quarrying

RM526.8 -9.3%
RM479.6 4.1%



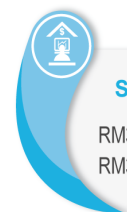
Manufacturing

RM58.4 4.6%
RM57.3 2.3%



Construction

RM15.5 -11.0%
RM16.9 -5.7%



Services

RM39.8 0.7%
RM37.7 -1.8%

Notes:

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

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

Source: Labour Productivity,
Fourth Quarter 2021
Department of Statistics Malaysia



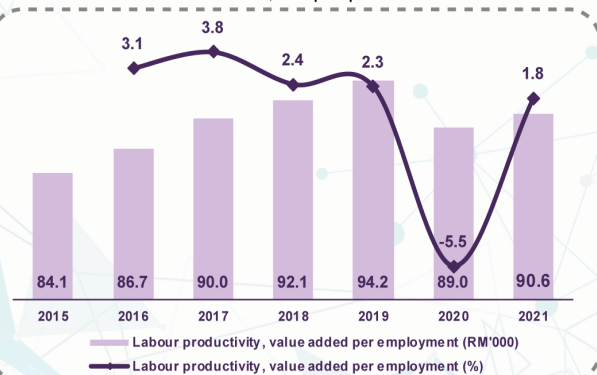
ANNUAL LABOUR PRODUCTIVITY 2021



LABOUR PRODUCTIVITY, VALUE ADDED PER EMPLOYMENT

The performance of labour productivity per employment for the year 2021 **rose by 1.8%** to record value added per employment of RM90,647 per person

Manufacturing and Services sectors increased while other sectors recorded a decline in labour productivity per employment



Agriculture
RM52.9 | -0.6%



Mining & Quarrying
RM1,235.8 | -0.9%



Manufacturing
RM128.8 | 6.8%



Construction
RM36.6 | -4.3%



Services
RM84.6 | 0.5%

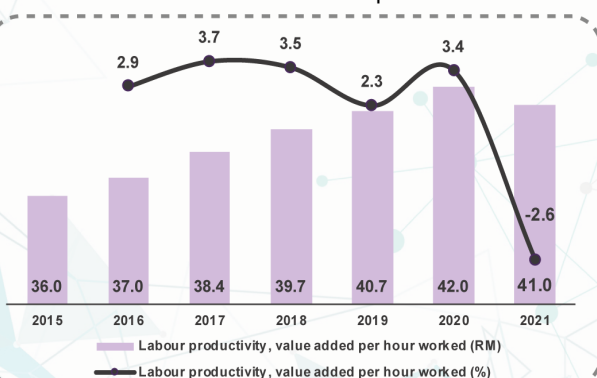
Level ('000) | Growth



LABOUR PRODUCTIVITY, VALUE ADDED PER HOUR WORKED

Value added per hour worked **declined by 2.6%** with a value of RM41.0 per hour

Labour productivity per hour worked for all sectors decreased except for **Manufacturing sector which posted an increase**



Agriculture
RM25.1 | -4.6%



Mining & Quarrying
RM530.5 | -3.4%



Manufacturing
RM57.0 | 3.1%



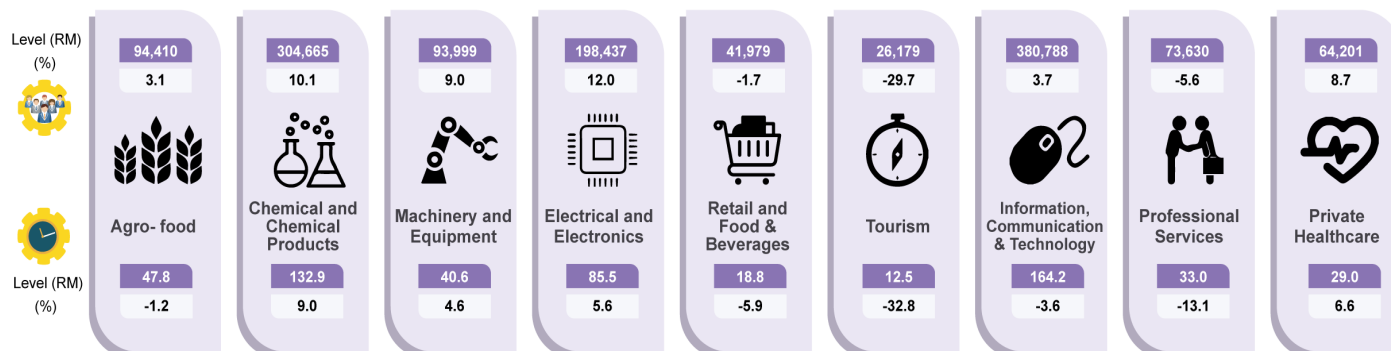
Construction
RM16.5 | -8.3%



Services
RM38.1 | -4.2%

Level | Growth

ANNUAL LABOUR PRODUCTIVITY BY 9 PRIORITY SUB-SECTORS



Notes:

- 1) Labour productivity per employment Labour productivity per hour worked
- 2) % refers to the annual percentage change from the same quarter of the previous year

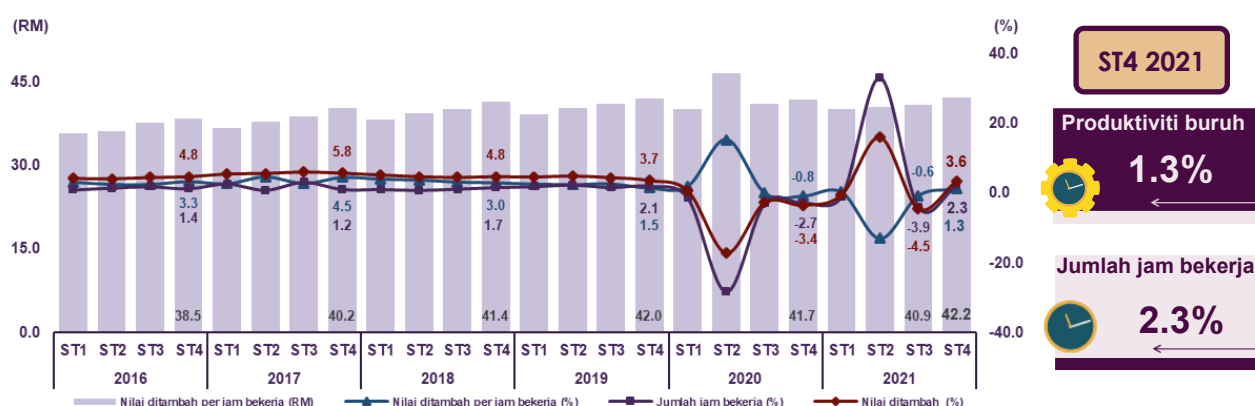
Source: Labour Productivity,
Fourth Quarter 2021
Department of Statistics Malaysia

PRESTASI PRODUKTIVITI BURUH SUKU KEEMPAT 2021

Produktiviti Buruh Malaysia

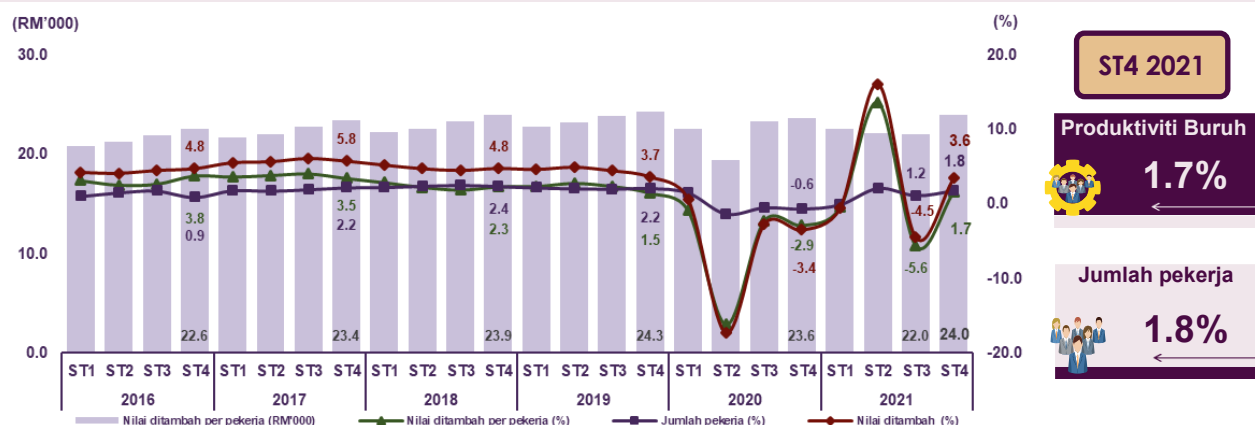
Produktiviti buruh Malaysia yang diukur sebagai nilai ditambah per jam bekerja mencatatkan peningkatan dengan pertumbuhan 1.3 peratus pada suku keempat 2021 selepas merekodkan penurunan marginal 0.6 peratus pada suku tahun sebelumnya seperti yang digambarkan pada **Carta 1**. Pada suku ini, ekonomi Malaysia melonjak 3.6 peratus (ST3 2021: -4.5%) dengan jumlah jam bekerja meningkat 2.3 peratus (ST3 2021: -3.9%).

Carta 1 : Produktiviti Buruh per Jam Bekerja dan Jumlah Jam Bekerja, Perubahan Peratusan Tahunan, ST1 2016 - ST4 2021



Sementara itu, produktiviti buruh yang digambarkan sebagai nisbah nilai ditambah per pekerja pada **ST4 2021** meningkat 1.7 peratus berbanding negatif 5.6 peratus pada ST3 2021. Pekerja meningkat 1.8 peratus (ST3 2021: 1.2%) seperti yang ditunjukkan dalam **Carta 2**.

Carta 2 : Produktiviti Buruh per Pekerja dan Jumlah Pekerja, Perubahan Peratusan Tahunan, ST1 2016 - ST4 2021



Dari segi nilai produktiviti buruh, **nilai ditambah per jam bekerja** ialah RM42.2 per jam pada **ST4 2021** (ST3 2021: RM40.9 per jam) manakala **nilai ditambah per pekerja** adalah RM24,006 per pekerja (ST3 2021: RM21,983 per pekerja).

Secara keseluruhan bagi tahun 2021, produktiviti buruh Malaysia mengikut nilai ditambah per jam bekerja menurun 2.6 peratus (2020: 3.4%) dengan nilai RM41.0 per jam (2020: RM42.0 per jam). Sebaliknya, produktiviti buruh yang diukur sebagai nilai ditambah per pekerja meningkat 1.8 peratus (2020: -5.5%) dengan nilai ditambah per pekerja adalah RM90,647 per pekerja (2020: RM89,022 per pekerja).

PERTANIAN

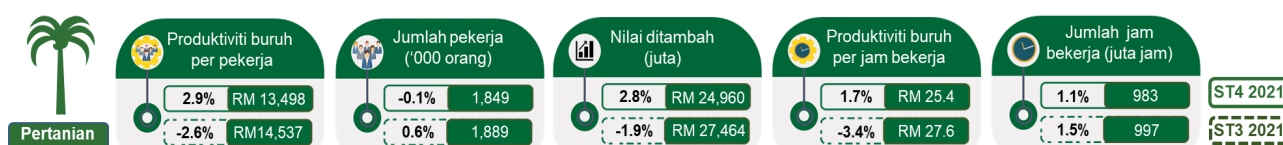
Pada suku ini, pertumbuhan produktiviti buruh dari segi nilai ditambah per jam bekerja bagi sektor Pertanian pulih kepada 1.7 peratus (ST3 2021:-3.4%) seperti yang digambarkan pada Paparan 1. Nilai ditambah dan jam bekerja sektor ini masing-masing berkembang sebanyak 2.8 peratus (ST3 2021: -1.9%) dan 1.1 peratus (ST3 2021: 1.5%).

Sementara itu, produktiviti buruh yang diukur sebagai nisbah nilai ditambah per pekerja meningkat semula 2.9 peratus berbanding negatif 2.6 peratus pada suku sebelumnya manakala pekerja jatuh 0.1 peratus (ST3 2021: 0.6%).

Dari segi nilai ditambah per jam bekerja bagi sektor ini pada ST4 2021 adalah RM25.4 per jam (ST3 2021: RM27.6 per jam) manakala nilai ditambah per pekerja adalah RM13,498 per pekerja (ST3 2021: RM14,537 per pekerja).

Produktiviti buruh mengikut nilai ditambah per jam bekerja menurun 4.6 peratus pada 2021 (2020: 1.9%) dengan nilai RM25.1 per jam (2020: RM26.3 per jam) manakala produktiviti buruh per pekerja turun marginal 0.6 peratus (2020: -1.8%) dengan nilai RM52,939 per pekerja (2020: RM53,254 per pekerja).

Paparan 1 : Produktiviti Buruh Sektor Pertanian, ST3 2021 - ST4 2021



PERLOMBONGAN DAN PENGKUARIAN

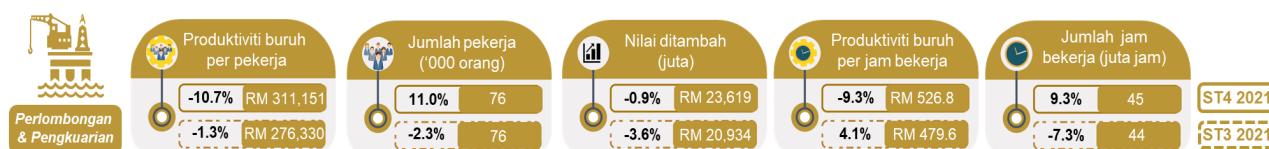
Produktiviti buruh per jam bekerja bagi sektor Perlombongan dan pengkuarian menguncup 9.3 peratus berbanding pertumbuhan positif 4.1 peratus pada suku tahun sebelumnya (Paparan 2). Pada suku ini, nilai ditambah mencatatkan penurunan yang lebih kecil iaitu 0.9 peratus (ST3 2021: -3.6%) manakala jam bekerja meningkat 9.3 peratus (ST3 2021: -7.3%).

Produktiviti buruh mengikut nilai ditambah per pekerja bagi sektor ini jatuh dua digit sebanyak 10.7 peratus berbanding negatif 1.3 peratus yang dicatatkan pada suku tahun sebelumnya. Di samping itu, pekerja merekodkan pertumbuhan dua digit sebanyak 11.0 peratus pada suku ini (ST3 2021: -2.3%).

Nilai ditambah per jam bekerja bagi sektor Perlombongan dan pengkuarian adalah RM526.8 per jam pada ST4 2021 (ST3 2021: RM479.6 per jam) manakala nilai ditambah per pekerja adalah RM311,151 per pekerja (ST3 2021: RM276,330 per pekerja).

Pada 2021, produktiviti buruh per jam bekerja terus merosot kepada 3.4 peratus berbanding negatif 1.3 peratus pada tahun sebelumnya dengan nilai RM530.5 per jam (2020: RM549.1 per jam) manakala produktiviti buruh per pekerja turun marginal sebanyak 0.9 peratus (2020: -8.5%) dengan nilai RM1,235,789 per pekerja (2020: RM1,247,616 per pekerja).

Paparan 2 : Produktiviti Buruh Sektor Perlombongan dan Pengkuarian, ST3 2021 - ST4 2021



PEMBUATAN

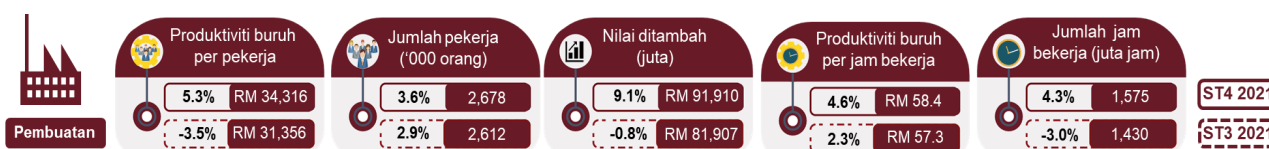
Pada ST4 2021, produktiviti buruh yang diukur sebagai nilai ditambah per jam bekerja di sektor Pembuatan meningkat 4.6 peratus (ST3 2021: 2.3%) seperti yang digambarkan pada Paparan 3. Nilai ditambah bagi sektor ini berkembang 9.1 peratus (ST3 2021: -0.8%) manakala jam bekerja naik 4.3 peratus (ST3 2021: -3.0%). Subsektor Produk elektrik, elektronik & optikal (9.8%) mencatatkan pertumbuhan tertinggi produktiviti buruh diikuti oleh subsektor Minuman & produk tembakau (8.6%); Produk mineral bukan logam, logam asas & produk logam yang direka (3.5%); serta Minyak dan lemak daripada sayuran & haiwan dan proses makanan (3.5%).

Pertumbuhan produktiviti buruh per pekerja bagi sektor Pembuatan melonjak 5.3 peratus (ST3 2021: -3.5%) manakala pekerja meningkat 3.6 peratus (ST3 2021: 2.9%).

Nilai produktiviti buruh yang diukur sebagai nilai ditambah per jam bekerja adalah RM58.4 per jam pada ST4 2021 (ST3 2021: RM57.3 per jam) manakala nilai ditambah per pekerja adalah RM34,316 per pekerja (ST3 2021: RM31,356 per pekerja).

Pertumbuhan produktiviti buruh yang digambarkan sebagai nilai ditambah per jam bekerja meningkat 3.1 peratus pada 2021 berbanding 7.0 peratus pada 2020 dengan nilai RM57.0 per jam (2020: RM55.3 per jam). Produktiviti buruh yang diukur sebagai nilai ditambah per pekerja meningkat 6.8 peratus (2020: -2.6%) dengan nilai RM128,836 per pekerja (2020: RM120,675 per pekerja).

Paparan 3 : Produktiviti Buruh Sektor Pembuatan, ST3 2021 - ST4 2021



PEMBINAAN

Sektor Pembinaan kekal merosot dengan negatif dua digit 11.0 peratus pada ST4 2021 (ST3 2021: -5.7%) bagi produktiviti buruh per jam bekerja seperti dipaparkan pada Paparan 4. Pertumbuhan nilai ditambah bagi sektor ini menguncup 12.2 peratus (ST3 2021: -20.6%) manakala jam bekerja jatuh 1.4 peratus (ST3 2021: -15.7%).

Pada suku ini, **produktiviti buruh mengikut nilai ditambah per pekerja bagi sektor ini kekal merosot sebanyak 11.2 peratus** (ST3 2021: -18.8%) manakala pekerja mencatatkan penurunan kecil iaitu 1.2 peratus berbanding negatif 2.1 peratus pada ST3 2021.

Nilai produktiviti buruh yang diukur sebagai nilai ditambah per jam bekerja adalah RM15.5 per jam (ST3 2021: RM16.9 per jam) manakala **nilai ditambah per pekerja adalah RM9,063 per pekerja** (ST3 2021: RM8,597 per pekerja).

Produktiviti buruh yang diukur sebagai nilai ditambah per jam bekerja pada 2021 jatuh 8.3 peratus (2020: -5.1%) dengan nilai RM16.5 per jam (2020: RM18.0 per jam) manakala **produktiviti buruh yang diukur sebagai nilai ditambah per pekerja jatuh 4.3 peratus** (2020: -15.7%) dengan nilai RM36,644 per pekerja (2020: RM38,279 per pekerja).

Paparan 4 : Produktiviti Buruh Sektor Pembinaan, ST3 2021 - ST4 2021



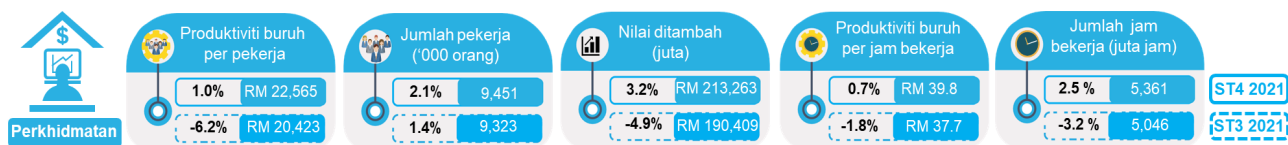
PERKHIDMATAN

Produktiviti buruh yang diukur sebagai nilai ditambah per jam bekerja bagi sektor Perkhidmatan meningkat marginal sebanyak 0.7 peratus (ST3 2021: -1.8%) seperti yang digambarkan dalam Paparan 5. Nilai ditambah sektor ini pulih 3.2 peratus (ST3 2021: -4.9%) manakala jam bekerja meningkat 2.5 peratus (ST3 2021: -3.2%). Pada suku ini, pertumbuhan tertinggi produktiviti buruh per jam bekerja dalam sektor Perkhidmatan direkodkan oleh Pengangkutan & penyimpanan (9.4%). Ini diikuti oleh subsektor Maklumat & komunikasi dan Kewangan & insurans yang masing-masing mencatatkan 4.8 peratus dan 3.5 peratus. **Produktiviti buruh per pekerja bagi sektor ini naik 1.0 peratus** (ST3 2021: -6.2%) manakala pekerja meningkat 2.1 peratus (ST3 2021: 1.4%).

Dari segi **nilai produktiviti buruh per jam bekerja pada ST4 2021 bagi sektor Perkhidmatan adalah RM39.8 per jam** (ST3 2021: RM37.7 per jam) manakala **nilai ditambah per pekerja adalah RM22,565 per pekerja** (ST3 2021: RM20,423 per pekerja).

Bagi tahun 2021, **produktiviti buruh yang digambarkan sebagai nisbah nilai ditambah kepada jam bekerja bagi sektor Perkhidmatan merekodkan penguncupan 4.2 peratus** (2020: 3.2%) dengan nilai RM38.1 per jam (2020: RM39.8 per jam) manakala **produktiviti buruh per pekerja mencatatkan peningkatan marginal 0.5 peratus** (2020: -6.0%) dengan nilai RM84,647 per pekerja (2020: RM84,266 per pekerja).

**Paparan 5 : Produktiviti Buruh Sektor Perkhidmatan,
ST3 2021 - ST4 2021**

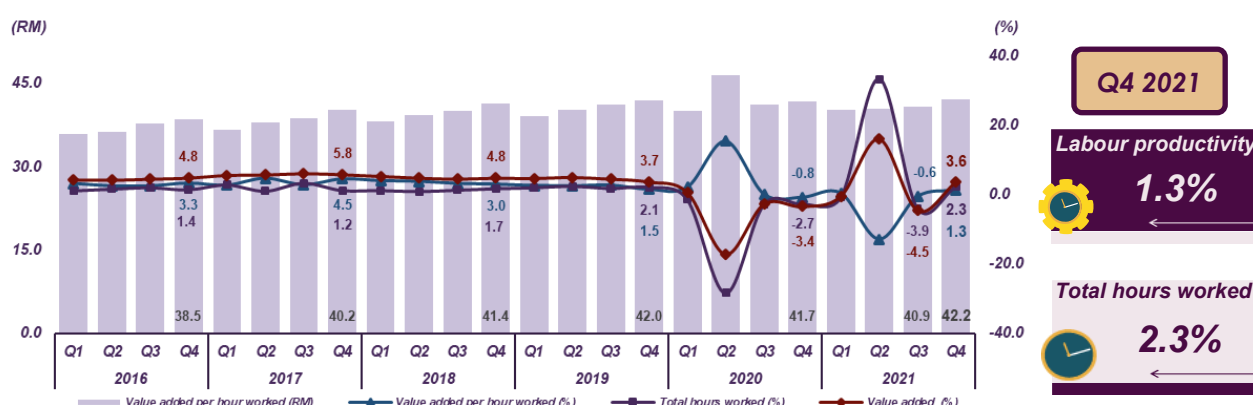


LABOUR PRODUCTIVITY PERFORMANCE OF FOURTH QUARTER 2021

Malaysia's Labour Productivity

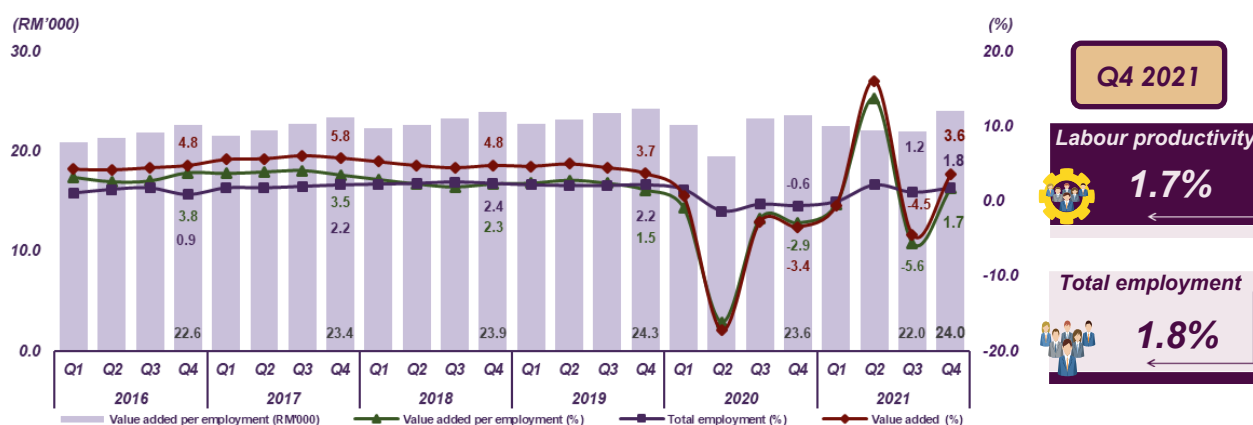
Malaysia's labour productivity as measured by value added per hour worked posted an increase with a growth of 1.3 per cent in the fourth quarter of 2021 after decreased marginally by 0.6 per cent in the preceding quarter as illustrated in **Chart 1**. During this quarter, Malaysia's economy turned around to 3.6 per cent (Q3 2021: -4.5%) with total hours worked increased by 2.3 per cent (Q3 2021: -3.9%).

Chart 1: Labour Productivity per Hour Worked and Total Hours Worked, Annual Percentage Change, Q1 2016 - Q4 2021



In the meantime, labour productivity expressed as the ratio of value added per employment picked up in Q4 2021 by 1.7 per cent as compared to negative 5.6 per cent in Q3 2021. Employment went up by 1.8 per cent (Q3 2021: 1.2%) as shown in **Chart 2**.

Chart 2: Labour Productivity per Employment and Total Employment, Annual Percentage Change, Q1 2016 - Q4 2021



In terms of labour productivity level, value added per hour worked was RM42.2 per hour in Q4 2021 (Q3 2021: RM40.9 per hour) while value added per employment was RM24,006 per person (Q3 2021: RM21,983 per person).

Overall for 2021, Malaysia's labour productivity by value added per hour worked decreased by 2.6 per cent (2020: 3.4%) with a value of RM41.0 per hour (2020: RM42.0 per hour). On the contrary, labour productivity measured as value added per employment rose 1.8 per cent (2020: -5.5%) with the value added per employment of RM90,647 per person (2020: RM89,022 per person).

AGRICULTURE

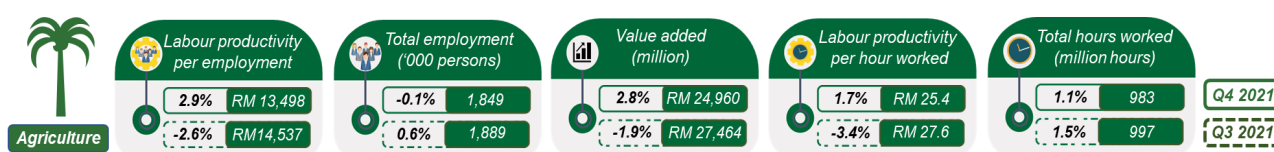
In this quarter, the growth of labour productivity in terms of value added per hour worked for Agriculture sector turned around to 1.7 per cent (Q3 2021: -3.4%) as depicted in Exhibit 1. The value added and hours worked of this sector expanded by 2.8 per cent (Q3 2021: -1.9%) and 1.1 per cent (Q3 2021: 1.5%) respectively.

Meanwhile, labour productivity expressed as the ratio of value added per employment rebounded to 2.9 per cent as against negative 2.6 per cent in the preceding quarter while employment declined 0.1 per cent (Q3 2021: 0.6%).

In terms of level, value added per hour worked for this sector was RM25.4 per hour in Q4 2021 (Q3 2021: RM27.6 per hour) while value added per employment was RM13,498 per person (Q3 2021: RM14,537 per person).

Labour productivity by value added per hour worked decreased 4.6 per cent in 2021 (2020: 1.9%) with a level of RM25.1 per hour (2020: RM26.3 per hour) while value added per employment declined marginally by 0.6 per cent (2020: -1.8%) with a level of RM52,939 per person (2020: RM53,254 per person).

**Exhibit 1 : Labour Productivity of Agriculture Sector,
Q3 2021 - Q4 2021**



MINING AND QUARRYING

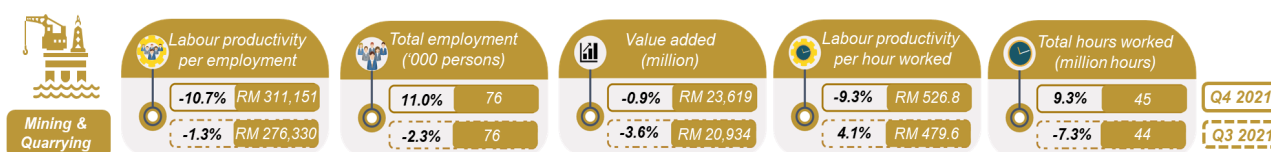
Labour productivity by value added per hour worked for Mining and quarrying sector contracted 9.3 per cent as compared to a positive growth of 4.1 per cent in the preceding quarter (Exhibit 2). During this quarter, value added posted a smaller decline of 0.9 per cent (Q3 2021: -3.6%) while hours worked improved to 9.3 per cent (Q3 2021: -7.3%).

Labour productivity by value added per employment for this sector decreased double-digit by 10.7 per cent as against negative 1.3 per cent registered in the previous quarter. In addition, employment recorded a double-digit growth of 11.0 per cent during the quarter (Q3 2021: -2.3%).

Value added per hour worked for Mining and quarrying sector was RM526.8 per hour in Q4 2021 (Q3 2021: RM479.6 per hour) while value added per employment was RM311,151 per person (Q3 2021: RM276,330 per person).

In 2021, labour productivity expressed as value added per hour worked declined further to 3.4 per cent as compared to negative 1.3 per cent in the previous year with a level of RM530.5 per hour (2020: RM549.1 per hour) while value added per employment decreased marginally by 0.9 per cent (2020: -8.5%) with a level of RM1,235,789 per person (2020: RM1,247,616 per person).

Exhibit 2 : Labour Productivity of Mining and Quarrying Sector, Q3 2021 - Q4 2021



MANUFACTURING

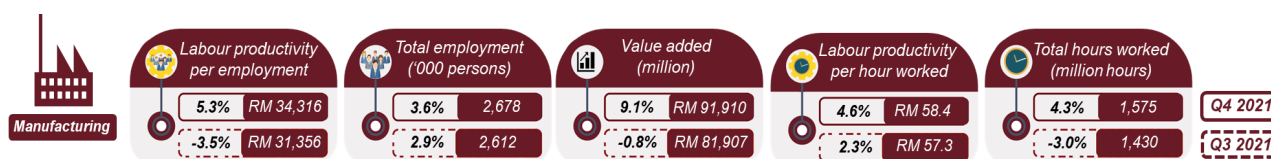
In Q4 2021, labour productivity as measured by value added per hour worked in Manufacturing sector improved 4.6 per cent (Q3 2021: 2.3%) as illustrated in Exhibit 3. Value added of this sector accelerated to 9.1 per cent (Q3 2021: -0.8%) while hours worked went up by 4.3 per cent (Q3 2021: -3.0%). Sub-sector of Electrical, electronic & optical products (9.8%) recorded the highest growth of labour productivity followed by Beverages & tobacco products (8.6%); Non-metallic mineral products, basic metal & fabricated metal products (3.5%); and Vegetable and animal oils & fats and food processing (3.5%) sub-sectors.

The growth of labour productivity in terms of value added per employment for Manufacturing sector rebounded to 5.3 per cent (Q3 2021: -3.5%) while employment increased 3.6 per cent (Q3 2021: 2.9%).

Level of labour productivity which measured as value added per hour worked was RM58.4 per hour in Q4 2021 (Q3 2021: RM57.3 per hour) while value added per employment was RM34,316 per person (Q3 2021: RM31,356 per person).

The growth of labour productivity expressed as value added per hour worked increased by 3.1 per cent in 2021 compared to 7.0 per cent in 2020 with a level of RM57.0 per hour (2020: RM55.3 per hour). The labour productivity measured as value added per employment turned around to 6.8 per cent (2020: -2.6%) with a level of RM128,836 per person (2020: RM120,675 per person).

Exhibit 3 : Labour Productivity of Manufacturing Sector, Q3 2021 - Q4 2021



CONSTRUCTION

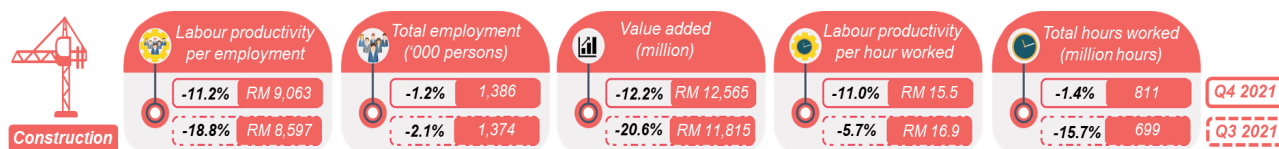
Construction sector remained sluggish with double-digit negative of 11.0 per cent in Q4 2021 (Q3 2021: -5.7%) for labour productivity by value added per hour worked as shown in **Exhibit 4**. The growth of value added in this sector contracted 12.2 per cent (Q3 2021: -20.6%) while hours worked decreased by 1.4 per cent (Q3 2021: -15.7%).

In this quarter, **labour productivity by value added per employment for this sector remained subdued by 11.2 per cent** (Q3 2021: -18.8%) while employment registering a mild decline of 1.2 per cent as opposed to negative 2.1 per cent in Q3 2021.

Level of labour productivity which measured as value added per hour worked was RM15.5 per hour (Q3 2021: RM16.9 per hour) while value added per employment was RM9,063 per person (Q3 2021: RM8,597 per person).

Labour productivity as measured by value added per hour worked in 2021 dropped by 8.3 per cent (2020: -5.1%) with a level of RM16.5 per hour (2020: RM18.0 per hour) while **labour productivity as measured by value added per employment fell 4.3 per cent** (2020: -15.7%) with a level of RM36,644 per person (2020: RM38,279 per person).

Exhibit 4 : Labour Productivity of Construction Sector, Q3 2021 - Q4 2021



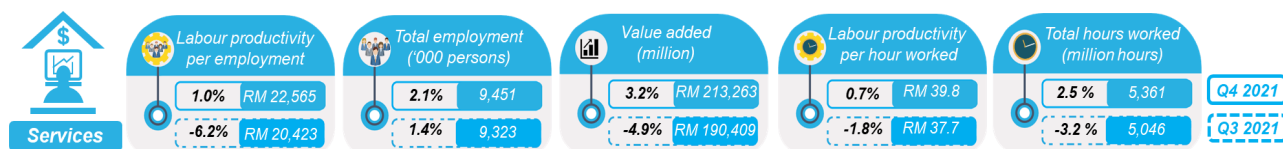
SERVICES

Labour productivity as measured by value added per hour worked for Services sector increased marginally by 0.7 per cent (Q3 2021: -1.8%) as portrayed in Exhibit 5. Value added of this sector turned around to 3.2 per cent (Q3 2021: -4.9%) while hours worked went up by 2.5 per cent (Q3 2021: -3.2%). During this quarter, the highest growth of labour productivity in Services sector was recorded by Transportation & storage (9.4%). This was followed by Information & communication and Finance & insurance sub-sectors which were 4.8 per cent and 3.5 per cent respectively. Measuring **labour productivity per employment for this sector, rose by 1.0 per cent** (Q3 2021: -6.2%) as employment increased 2.1 per cent (Q3 2021: 1.4%).

In terms of labour productivity level, **value added per hour worked in Q4 2021 for Services sector was RM39.8 per hour** (Q3 2021: RM37.7 per hour) while **value added per employment was RM22,565 per person** (Q3 2021: RM20,423 per person).

For the year 2021, labour productivity expressed as the ratio of value added to hours worked in Services sector recorded a contraction of 4.2 per cent (2020: 3.2%) with a level of RM38.1 per hour (2020: RM39.8 per hour) while **value added per employment posted a marginal increase of 0.5 per cent** (2020: -6.0%) with a level of RM84,647 per person (2020: RM84,266 per person).

**Exhibit 5 : Labour Productivity of Services Sector,
Q3 2021 - Q4 2021**



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JADUAL *TABLES*

2

1a Produktiviti buruh tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi, 2015 - 2021
Annual labour productivity, value added per hour worked by economic activity, 2015 - 2021

(RM)

Aktiviti ekonomi Economic activity		2015	2016	2017	2018	2019 ^e	2020 ^p	2021 ^p
1.	Pertanian Agriculture	25.2	25.1	25.6	25.7	25.8	26.3	25.1
2.	Perlombongan dan pengkuarian Mining and quarrying	541.2	553.6	540.2	558.3	556.3	549.1	530.5
3.	Pembuatan Manufacturing	45.5	47.2	48.9	50.5	51.7	55.3	57.0
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan Vegetable and animal oils & fats and food processing	29.3	27.8	30.0	30.9	30.4	32.6	31.1
3.2	Minuman dan produk tembakau Beverages and tobacco products	174.6	188.2	190.6	185.6	187.4	184.1	190.7
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	11.2	11.4	12.3	12.0	12.1	10.8	11.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	22.2	24.1	25.8	26.6	28.3	30.8	32.2
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	81.7	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 Non-metallic mineral products, basic metal and fabricated metal products	38.5	39.5	38.7	40.6	41.7	40.4	40.1
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	52.7	56.2	59.3	62.0	63.6	72.4	76.5
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	52.9	56.4	58.4	61.3	64.7	73.6	69.0
4.	Pembinaan Construction	15.1	16.5	17.6	18.3	19.0	18.0	16.5
5.	Perkhidmatan Services	33.5	34.3	35.7	37.5	38.6	39.8	38.1
5.1	Utiliti Utilities	137.5	139.8	147.0	151.7	156.8	167.8	164.4
5.2	Perdagangan borong dan runcit Wholesale and retail trade	35.3	35.2	36.2	38.3	39.8	40.9	39.3
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	11.7	12.2	12.7	12.9	13.1	10.9	9.0
5.4	Pengangkutan dan penyimpanan Transportation and storage	34.7	35.0	37.3	39.0	40.6	36.1	34.1
5.5	Maklumat dan komunikasi Information and communication	128.1	139.5	140.6	148.5	151.7	170.3	164.2
5.6	Kewangan dan insurans Finance and insurance	96.7	99.5	101.6	105.3	108.1	119.5	125.3
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	21.4	22.0	23.0	24.3	25.5	23.7	20.3
5.8	Perkhidmatan lain Other services	27.3	28.3	30.3	32.5	33.3	35.0	33.6
Produktiviti buruh Labour productivity		36.0	37.0	38.4	39.7	40.7	42.0	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 ^e	2020 ^p	2021 ^p
1.	Pertanian Agriculture	-0.3	1.7	0.7	0.2	1.9	-4.6
2.	Perlombongan dan pengkuarian Mining and quarrying	2.3	-2.4	3.3	-0.4	-1.3	-3.4
3.	Pembuatan Manufacturing	3.6	3.6	3.3	2.5	7.0	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	7.2	-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 products</i>	2.7	-2.0	4.8	2.8	-3.2	-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 Construction	9.4	6.7	3.8	3.8	-5.1	-8.3
5.	Perkhidmatan Services	2.3	4.3	5.0	2.8	3.2	-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	2.7	-4.0
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	4.5	3.5	2.0	1.5	-17.0	-17.6
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	0.8	6.6	4.3	4.3	-11.0	-5.7
5.5	Maklumat dan komunikasi <i>Information and communication</i>	8.9	0.8	5.6	2.1	12.3	-3.6
5.6	Kewangan dan insurans <i>Finance and insurance</i>	3.0	2.0	3.7	2.7	10.5	4.9
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	2.7	4.6	5.6	5.2	-7.4	-14.0
5.8	Perkhidmatan lain <i>Other services</i>	3.7	6.9	7.1	2.5	5.3	-4.1
Produktiviti buruh Labour productivity		2.9	3.7	3.5	2.3	3.4	-2.6

2a Produktiviti buruh tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, 2015 - 2021
Annual labour productivity, value added per employment by economic activity, 2015 - 2021

(RM)

Aktiviti ekonomi Economic activity		2015	2016	2017	2018	2019 ^e	2020 ^p	2021 ^p
1.	Pertanian Agriculture	51,984	52,940	54,102	54,040	54,229	53,254	52,939
2.	Perlombongan dan pengkuarian Mining and quarrying	1,303,562	1,380,564	1,313,956	1,367,042	1,363,694	1,247,616	1,235,789
3.	Pembuatan Manufacturing	110,305	114,548	119,011	121,860	123,881	120,675	128,836
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan Vegetable and animal oils & fats and food processing	65,564	62,823	68,302	68,713	69,312	69,105	67,374
3.2	Minuman dan produk tembakau Beverages and tobacco products	429,482	462,823	466,084	461,884	469,493	426,241	436,636
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	22,075	23,756	25,302	24,763	24,763	21,551	22,444
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	56,789	61,164	65,105	68,046	70,662	67,100	71,592
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	207,785	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 Non-metallic mineral products, basic metal and fabricated metal products	96,548	98,629	97,835	100,423	104,049	90,389	93,228
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	131,866	140,770	149,008	153,500	155,087	158,915	177,534
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	130,938	139,566	142,021	150,083	157,859	157,916	159,064
4.	Pembinaan Construction	36,496	39,714	42,422	43,859	45,421	38,279	36,644
5.	Perkhidmatan Services	79,095	80,645	84,102	87,050	89,599	84,266	84,647
5.1	Utiliti Utilities	321,008	338,274	349,476	357,091	370,405	362,620	367,930
5.2	Perdagangan borong dan runcit Wholesale and retail trade	86,376	85,845	88,410	92,767	95,968	89,165	88,620
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	27,610	28,387	29,749	30,006	30,557	22,549	19,882
5.4	Pengangkutan dan penyimpanan Transportation and storage	85,648	86,719	91,418	95,463	99,431	77,764	79,391
5.5	Maklumat dan komunikasi Information and communication	303,517	331,961	339,185	354,004	357,426	367,295	380,788
5.6	Kewangan dan insurans Finance and insurance	225,328	230,093	233,679	241,835	249,072	254,711	282,238
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	52,371	53,886	56,042	58,358	61,127	51,370	46,257
5.8	Perkhidmatan lain Other services	61,233	63,372	67,282	69,932	72,446	71,565	71,331
Produktiviti buruh Labour productivity		84,114	86,694	89,964	92,083	94,162	89,022	90,647

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 ^e	2020 ^p	2021 ^p
1.	Pertanian Agriculture	1.8	2.2	-0.1	0.3	-1.8	-0.6
2.	Perlombongan dan pengkuarian Mining and quarrying	5.9	-4.8	4.0	-0.2	-8.5	-0.9
3.	Pembuatan Manufacturing	3.8	3.9	2.4	1.7	-2.6	6.8
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan Vegetable and animal oils & fats and food processing	-4.2	8.7	0.6	0.9	-0.3	-2.5
3.2	Minuman dan produk tembakau Beverages and tobacco products	7.8	0.7	-0.9	1.6	-9.2	2.4
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	7.6	6.5	-2.1	0.001	-13.0	4.1
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	7.7	6.4	4.5	3.8	-5.0	6.7
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	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 Non-metallic mineral products, basic metal and fabricated metal products	2.2	-0.8	2.6	3.6	-13.1	3.1
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	6.8	5.9	3.0	1.0	2.5	11.7
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	6.6	1.8	5.7	5.2	0.04	0.7
4.	Pembinaan Construction	8.8	6.8	3.4	3.6	-15.7	-4.3
5.	Perkhidmatan Services	2.0	4.3	3.5	2.9	-6.0	0.5
5.1	Utiliti Utilities	5.4	3.3	2.2	3.7	-2.1	1.5
5.2	Perdagangan borong dan runcit Wholesale and retail trade	-0.6	3.0	4.9	3.5	-7.1	-0.6
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	2.8	4.8	0.9	1.8	-26.2	-11.8
5.4	Pengangkutan dan penyimpanan Transportation and storage	1.3	5.4	4.4	4.2	-21.8	2.1
5.5	Maklumat dan komunikasi Information and communication	9.4	2.2	4.4	1.0	2.8	3.7
5.6	Kewangan dan insurans Finance and insurance	2.1	1.6	3.5	3.0	2.3	10.8
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	2.9	4.0	4.1	4.7	-16.0	-10.0
5.8	Perkhidmatan lain Other services	3.5	6.2	3.9	3.6	-1.2	-0.3
Produktiviti buruh Labour productivity		3.1	3.8	2.4	2.3	-5.5	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 ^e	2020 ^p	2021 ^p
1.	Agro-makanan <i>Agro-food</i>	44.8	45.3	46.0	48.4	47.8
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	115.7	119.0	119.3	121.9	132.9
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	18.6	12.5
7.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	140.6	148.5	151.7	170.3	164.2
8.	Perkhidmatan profesional <i>Professional services</i>	33.3	35.5	37.6	37.9	33.0
9.	Penjagaan kesihatan swasta <i>Private healthcare</i>	25.8	27.1	27.8	27.2	29.0
Produktiviti buruh <i>Labour productivity</i>		35.0	36.5	37.3	39.0	38.4

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 Economic activity		2017	2018	2019 ^e	2020 ^p	2021 ^p
1.	Agro-makanan Agro-food	1.6	1.1	1.6	5.2	-1.2
2.	Kimia dan produk kimia Chemicals and chemical products	3.0	2.8	0.3	2.2	9.0
3.	Mesin dan peralatan Machinery and equipment	-1.1	6.3	2.6	6.7	4.6
4.	Elektrik dan elektronik Electrical and electronics	6.8	4.2	2.8	15.9	5.6
5.	Peruncitan dan makanan & minuman Retail and food & beverages	5.0	5.6	3.7	-1.5	-5.9
6.	Pelancongan Tourism	2.7	6.6	4.9	-39.1	-32.8
7.	Teknologi, maklumat dan komunikasi (ICT) Information, communication and technology (ICT)	0.8	5.6	2.1	12.3	-3.6
8.	Perkhidmatan profesional Professional services	8.9	6.5	5.9	0.9	-13.1
9.	Penjagaan kesihatan swasta Private healthcare	-2.0	4.8	2.7	-2.4	6.6
Produktiviti buruh Labour productivity		3.9	4.2	2.2	4.6	-1.6

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 ^e	2020 ^p	2021 ^p
1.	Agro-makanan <i>Agro-food</i>	88,789	89,145	91,319	91,538	94,410
2.	Kimia dan produk kimia <i>Chemicals and chemical products</i>	291,100	294,621	288,306	276,827	304,665
3.	Mesin dan peralatan <i>Machinery and equipment</i>	84,547	87,834	88,408	86,229	93,999
4.	Elektrik dan elektronik <i>Electrical and electronics</i>	163,835	168,258	170,471	177,210	198,437
5.	Peruncitan dan makanan & minuman <i>Retail and food & beverages</i>	44,371	46,309	47,827	42,710	41,979
6.	Pelancongan <i>Tourism</i>	66,895	70,379	74,149	37,258	26,179
7.	Teknologi, maklumat dan komunikasi (ICT) <i>Information, communication and technology (ICT)</i>	339,185	354,004	357,426	367,295	380,788
8.	Perkhidmatan profesional <i>Professional services</i>	76,928	81,831	86,803	77,995	73,630
9.	Penjagaan kesihatan swasta <i>Private healthcare</i>	61,332	63,121	64,436	59,059	64,201
Produktiviti buruh <i>Labour productivity</i>		82,606	85,107	86,672	82,265	84,944

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 Economic activity		2017	2018	2019 ^e	2020 ^p	2021 ^p
1.	Agro-makanan Agro-food	2.0	0.4	2.4	0.2	3.1
2.	Kimia dan produk kimia Chemicals and chemical products	3.7	1.2	-2.1	-4.0	10.1
3.	Mesin dan peralatan Machinery and equipment	1.8	3.9	0.7	-2.5	9.0
4.	Elektrik dan elektronik Electrical and electronics	6.6	2.7	1.3	4.0	12.0
5.	Peruncitan dan makanan & minuman Retail and food & beverages	5.7	4.4	3.3	-10.7	-1.7
6.	Pelancongan Tourism	4.2	5.2	5.4	-49.8	-29.7
7.	Teknologi, maklumat dan komunikasi (ICT) Information, communication and technology (ICT)	2.2	4.4	1.0	2.8	3.7
8.	Perkhidmatan profesional Professional services	6.4	6.4	6.1	-10.1	-5.6
9.	Penjagaan kesihatan swasta Private healthcare	-0.2	2.9	2.1	-8.3	8.7
Produktiviti buruh Labour productivity		4.5	3.0	1.8	-5.1	3.3

Aktiviti ekonomi <i>Economic activity</i>		2017			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	24.5	23.5	27.3	26.9
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	503.2	539.4	505.2	627.2
3.	Pembuatan <i>Manufacturing</i>	45.9	49.5	49.6	50.5
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	24.7	30.4	30.8	34.5
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	163.5	222.7	195.7	181.1
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	11.2	13.2	12.7	12.0
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	25.5	27.2	25.2	25.3
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	80.6	83.8	89.7	86.5
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	34.8	42.4	39.9	37.9
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	61.2	58.4	57.8	59.7
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	52.1	58.6	59.5	63.0
4.	Pembinaan <i>Construction</i>	18.1	17.1	18.5	16.9
5.	Perkhidmatan <i>Services</i>	33.7	35.3	35.9	38.0
5.1	Utiliti <i>Utilities</i>	138.2	151.3	152.7	146.5
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	33.5	34.5	37.5	39.3
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	12.1	12.8	12.6	13.2
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	35.1	37.9	38.1	38.3
5.5	Maklumat dan komunikasi <i>Information and communication</i>	146.7	140.8	137.9	137.6
5.6	Kewangan dan insurans <i>Finance and insurance</i>	100.4	100.2	99.8	105.8
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	22.8	24.5	21.4	23.4
5.8	Perkhidmatan lain <i>Other services</i>	27.7	29.0	30.5	34.3
	Produktiviti buruh <i>Labour productivity</i>	36.7	37.9	38.8	40.2

5a

Quarterly labour productivity, value added per hour worked by economic activity, Q1 2017 - Q4 2021

(RM)

2018				2019 ^o				2020 ^p				2021 ^p			
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
24.1	24.3	27.8	26.7	24.9	24.8	28.3	25.2	23.2	28.8	28.5	25.0	23.0	24.3	27.6	25.4
545.1	577.8	497.1	621.0	551.7	574.0	487.9	619.3	567.5	607.4	460.9	580.9	552.5	564.1	479.6	526.8
48.1	50.8	50.9	52.0	49.8	52.0	52.4	52.6	50.8	59.9	56.0	55.8	55.0	57.4	57.3	58.4
28.7	31.1	30.9	32.8	28.3	30.6	30.9	31.8	27.1	41.5	34.2	29.4	27.4	32.8	33.7	30.4
160.3	212.2	190.5	178.4	156.9	213.0	198.3	181.5	158.2	149.8	219.9	206.1	193.3	208.3	137.5	223.9
10.6	12.8	12.7	12.0	11.2	13.5	12.5	11.5	11.0	9.0	11.4	11.4	11.5	11.2	10.8	11.5
26.7	26.3	26.7	26.8	29.3	28.2	28.1	27.8	30.1	32.5	30.3	30.8	33.9	33.2	30.4	31.4
82.0	86.4	90.8	89.9	86.6	88.1	94.4	93.4	90.3	95.4	97.3	98.3	94.1	97.5	108.1	101.1
37.3	44.1	41.9	39.0	37.8	46.0	43.5	39.7	38.7	40.2	42.6	39.9	39.2	40.5	39.4	41.3
64.7	61.5	59.0	62.9	66.5	62.4	61.2	64.2	69.6	84.7	68.8	70.6	77.5	75.5	75.3	77.5
51.8	62.9	62.8	67.2	55.5	66.0	66.7	70.2	55.3	89.2	74.2	83.2	62.0	71.9	56.8	83.9
18.1	18.0	19.3	17.8	19.0	18.7	19.7	18.6	18.7	18.1	17.9	17.4	17.1	16.7	16.9	15.5
35.8	36.9	37.8	39.5	36.9	37.8	38.9	40.6	38.3	44.3	38.4	39.5	37.7	37.3	37.7	39.8
148.8	154.0	153.4	150.7	153.8	159.6	158.5	155.5	163.3	195.0	158.9	160.8	163.9	160.0	169.5	164.3
35.4	36.4	39.6	41.7	37.5	37.7	41.0	43.1	38.4	41.1	41.2	43.1	39.1	37.5	37.9	42.5
12.6	13.0	12.7	13.3	12.6	13.1	13.1	13.6	12.7	11.2	10.1	9.6	9.3	8.8	8.1	9.6
36.5	39.8	40.2	39.4	38.3	41.3	41.7	41.3	37.9	36.4	36.2	34.1	32.2	33.1	33.6	37.3
149.7	152.5	151.4	140.8	155.2	156.3	153.4	142.7	160.2	236.7	156.1	151.7	166.2	164.7	167.3	159.0
107.8	100.3	104.6	108.6	107.7	105.0	107.7	112.0	115.1	126.9	116.0	121.4	126.3	124.9	124.4	125.6
23.2	24.8	23.8	25.2	24.5	26.1	25.3	26.4	25.2	27.5	21.8	21.2	21.2	20.4	19.6	20.1
30.7	31.3	32.1	35.9	31.4	32.0	33.1	36.7	33.2	40.0	32.5	35.6	32.0	32.3	34.4	35.6
38.2	39.3	40.0	41.4	39.2	40.3	41.1	42.0	40.0	46.5	41.1	41.7	40.2	40.5	40.9	42.2

5b Produktiviti buruh suku tahunan, nilai ditambah per jam bekerja mengikut aktiviti ekonomi, ST1 2017 - ST4 2021:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

(%)

Aktiviti ekonomi <i>Economic activity</i>		2017			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	2.3	-5.0	2.9	7.2
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-7.0	2.7	-9.1	5.4
3.	Pembuatan <i>Manufacturing</i>	-0.1	5.3	4.7	4.5
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	-2.6	10.3	9.1	16.2
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	-4.1	6.8	-2.7	5.5
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	3.4	7.9	9.6	9.3
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	5.1	12.0	5.4	5.9
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	-0.2	1.7	2.9	-1.8
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>	-7.8	-2.2	2.3	-0.3
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	3.5	10.1	4.2	4.3
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	5.0	-0.3	7.2	3.0
4.	Pembinaan <i>Construction</i>	13.4	8.9	2.9	2.2
5.	Perkhidmatan <i>Services</i>	2.6	6.7	2.4	5.5
5.1	Utiliti <i>Utilities</i>	3.3	3.1	7.1	7.1
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	1.3	5.1	1.0	3.3
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	3.7	6.4	0.5	3.4
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	6.4	7.1	5.4	7.4
5.5	Maklumat dan komunikasi <i>Information and communication</i>	1.1	2.0	1.5	-1.2
5.6	Kewangan dan insurans <i>Finance and insurance</i>	0.04	5.0	-0.3	3.3
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	2.9	15.3	-2.5	4.0
5.8	Perkhidmatan lain <i>Other services</i>	3.8	6.0	7.6	10.7
	Produktiviti buruh <i>Labour productivity</i>	2.7	4.7	2.8	4.5

5b

Quarterly labour productivity, value added per hour worked by economic activity, Q1 2017 - Q4 2021:
Percentage change from corresponding quarter of preceding year

(%)

2018				2019 ^e				2020 ^p				2021 ^p			
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
-1.7	3.5	1.9	-0.7	3.3	2.1	1.6	-5.7	-6.9	16.1	0.9	-0.8	-0.7	-15.6	-3.4	1.7
8.3	7.1	-1.6	-1.0	1.2	-0.6	-1.9	-0.3	2.9	5.8	-5.5	-6.2	-2.6	-7.1	4.1	-9.3
4.8	2.6	2.7	3.0	3.4	2.5	2.9	1.2	2.1	15.2	7.0	6.1	8.1	-4.2	2.3	4.6
16.0	2.2	0.2	-5.0	-1.3	-1.6	0.03	-2.8	-4.1	35.8	10.8	-7.7	1.1	-20.9	-1.6	3.5
-1.9	-4.7	-2.6	-1.5	-2.1	0.4	4.1	1.7	0.8	-29.7	10.9	13.6	22.1	39.0	-37.5	8.6
-5.1	-3.2	0.1	-0.4	4.9	5.7	-1.7	-4.2	-1.4	-33.2	-8.9	-0.5	4.6	24.2	-5.5	0.9
4.5	-3.1	6.1	5.8	9.8	6.9	5.1	3.8	2.7	15.4	7.9	10.7	12.7	2.1	0.4	2.0
1.7	3.1	1.2	3.8	5.6	1.9	4.0	3.9	4.2	8.3	3.1	5.4	4.3	2.1	11.0	2.8
7.0	4.2	5.0	2.9	1.4	4.2	3.8	1.8	2.4	-12.5	-2.0	0.5	1.3	0.7	-7.6	3.5
5.8	5.3	2.1	5.3	2.8	1.4	3.8	2.1	4.6	35.8	12.4	9.9	11.4	-10.9	9.4	9.8
-0.7	7.3	5.5	6.7	7.1	4.9	6.2	4.5	-0.4	35.2	11.3	18.5	12.1	-19.4	-23.5	0.8
-0.1	4.9	4.7	5.5	4.9	3.9	1.7	4.6	-1.6	-3.1	-8.9	-6.7	-8.6	-7.8	-5.7	-11.0
6.4	4.5	5.2	3.9	3.0	2.5	3.0	2.6	3.7	17.1	-1.3	-2.7	-1.5	-15.9	-1.8	0.7
7.7	1.7	0.5	2.9	3.3	3.6	3.3	3.2	6.2	22.2	0.3	3.4	0.4	-18.0	6.7	2.1
5.7	5.6	5.7	6.1	5.9	3.6	3.4	3.4	2.4	8.9	0.5	-0.05	1.8	-8.8	-8.0	-1.3
4.4	2.2	0.9	0.5	0.01	0.2	2.7	2.9	0.7	-14.4	-23.0	-29.8	-26.3	-21.2	-20.1	0.4
4.1	5.0	5.3	3.1	4.7	3.7	3.8	4.7	-0.9	-11.9	-13.2	-17.5	-15.1	-9.0	-7.3	9.4
2.0	8.3	9.8	2.3	3.7	2.4	1.3	1.3	3.3	51.5	1.8	6.3	3.7	-30.4	7.2	4.8
7.4	0.1	4.8	2.7	-0.1	4.7	3.0	3.2	6.9	20.9	7.7	8.3	9.7	-1.6	7.2	3.5
1.8	1.2	11.5	7.9	5.5	4.9	6.0	4.5	2.8	5.6	-13.7	-19.5	-15.8	-25.7	-10.2	-5.3
11.1	7.6	4.9	4.6	2.1	2.5	3.1	2.1	5.8	24.7	-1.7	-3.0	-3.7	-19.2	5.7	0.1
4.0	3.8	3.2	3.0	2.6	2.5	2.7	1.5	2.1	15.4	0.1	-0.8	0.4	-12.9	-0.6	1.3

6a Produktiviti buruh suku tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, ST1 2017 - ST4 2021

Aktiviti ekonomi <i>Economic activity</i>		2017			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	12,795	12,464	14,743	14,096
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	312,191	319,685	307,406	382,759
3.	Pembuatan <i>Manufacturing</i>	28,317	29,940	30,172	30,571
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	14,560	17,153	17,907	18,689
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	99,625	133,384	122,191	110,934
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	5,761	7,097	6,412	6,061
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	16,561	16,593	15,947	15,999
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	50,751	53,106	57,080	57,550
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>	22,328	26,667	25,234	23,624
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	39,099	36,407	36,177	37,330
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	31,888	35,349	35,732	38,763
4.	Pembinaan <i>Construction</i>	10,794	10,265	11,171	10,221
5.	Perkhidmatan <i>Services</i>	20,013	20,685	21,224	22,173
5.1	Utiliti <i>Utilities</i>	83,424	89,516	90,399	86,332
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	20,452	21,143	22,748	24,098
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	7,217	7,298	7,463	7,757
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	21,611	23,066	23,499	23,284
5.5	Maklumat dan komunikasi <i>Information and communication</i>	86,920	85,736	83,870	82,870
5.6	Kewangan dan insurans <i>Finance and insurance</i>	57,417	57,294	57,764	61,186
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	13,777	14,825	13,227	14,293
5.8	Perkhidmatan lain <i>Other services</i>	15,787	16,202	17,046	18,291
	Produktiviti buruh <i>Labour productivity</i>	21,646	22,077	22,830	23,396

6a

Quarterly labour productivity, value added per employment by economic activity, Q1 2017 - Q4 2021

(RM)

2018				2019 ^e				2020 ^p				2021 ^p			
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
12,655	12,757	14,560	14,049	13,139	13,031	14,840	13,202	11,997	13,224	14,918	13,115	12,104	12,793	14,537	13,498
329,958	339,544	308,787	395,290	345,243	344,414	296,837	382,677	340,807	282,712	280,029	348,371	326,435	322,554	276,330	311,151
29,259	30,378	30,867	31,337	29,834	31,113	31,343	31,576	29,763	25,738	32,497	32,583	31,401	31,700	31,356	34,316
15,735	17,095	17,705	18,150	16,063	17,490	17,753	17,991	15,292	18,768	18,750	16,320	14,727	17,537	17,972	17,099
97,460	132,360	121,122	110,826	98,771	135,055	124,166	111,647	95,922	74,608	134,341	122,558	110,240	116,152	79,029	131,438
5,617	6,734	6,356	6,076	5,659	6,795	6,302	6,020	5,591	4,065	5,823	6,038	5,838	5,404	5,277	5,908
17,504	17,177	16,765	16,609	18,142	17,903	17,479	17,148	18,239	12,573	18,065	18,045	19,328	17,833	15,772	18,622
52,723	54,020	58,176	58,854	53,713	54,795	58,620	59,091	54,624	47,228	58,505	59,151	56,183	57,428	63,853	61,915
22,865	27,174	26,119	24,273	23,832	28,328	26,964	24,930	23,715	17,051	25,281	24,278	23,458	22,876	21,662	25,164
40,765	37,130	36,913	38,754	40,948	37,836	37,378	38,958	41,066	34,752	41,030	41,975	45,465	42,589	42,567	46,862
32,215	37,814	38,275	41,406	33,968	39,964	40,529	43,081	33,406	29,552	44,295	50,345	36,587	41,166	30,683	50,394
10,879	10,689	11,543	10,755	11,406	11,099	11,794	11,132	10,805	6,580	10,591	10,201	9,920	9,057	8,597	9,063
20,946	21,213	22,058	22,809	21,561	21,865	22,667	23,485	21,680	18,429	21,779	22,332	21,156	20,481	20,423	22,565
86,966	90,683	91,594	87,901	90,968	94,159	94,443	90,901	94,018	84,990	92,417	91,127	93,419	89,233	89,679	95,529
21,597	21,914	23,960	25,288	22,442	22,651	24,779	26,091	22,413	17,418	23,979	25,350	22,383	20,797	20,803	24,585
7,362	7,317	7,506	7,803	7,450	7,463	7,644	7,982	7,115	4,521	5,510	5,318	5,168	4,772	4,459	5,479
22,560	23,959	24,547	24,426	23,429	25,009	25,582	25,445	22,238	13,906	21,486	19,889	18,911	19,091	19,045	22,300
90,965	90,687	89,317	83,503	92,694	91,000	89,735	84,510	94,654	92,376	91,377	89,160	96,315	95,045	96,034	93,486
61,313	57,662	60,045	62,903	62,482	59,773	61,771	65,092	64,539	56,246	64,965	69,060	71,644	70,090	68,624	71,884
14,088	14,871	14,371	15,029	14,705	15,565	15,061	15,797	14,848	11,507	12,583	12,377	12,271	11,560	10,759	11,660
16,734	16,903	17,536	18,759	17,329	17,574	18,104	19,439	17,805	16,756	17,962	19,021	17,214	17,250	17,624	19,226
22,276	22,580	23,268	23,943	22,811	23,213	23,826	24,297	22,613	19,467	23,290	23,603	22,513	22,128	21,983	24,006

6b Produktiviti buruh suku tahunan, nilai ditambah per pekerja mengikut aktiviti ekonomi, ST1 2017 - ST4 2021:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

(%)

Aktiviti ekonomi <i>Economic activity</i>		2017			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	2.3	-2.5	4.5	4.7
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	-9.4	-3.9	-9.2	4.8
3.	Pembuatan <i>Manufacturing</i>	3.2	4.3	5.2	3.0
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	3.7	12.1	11.1	7.9
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	-1.2	3.1	-0.1	1.4
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	4.9	7.4	7.5	6.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	9.9	7.3	5.2	3.4
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	-0.03	1.4	3.5	3.0
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	-2.6	-1.9	0.8	0.4
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	5.6	7.7	6.7	3.6
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	7.9	-2.2	4.9	-2.5
4.	Pembinaan <i>Construction</i>	12.8	8.6	4.8	1.5
5.	Perkhidmatan <i>Services</i>	3.4	5.3	3.7	4.8
5.1	Utiliti <i>Utilities</i>	2.2	2.1	4.7	4.3
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	1.7	5.3	1.7	3.3
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	5.8	5.9	3.6	3.9
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	5.5	5.5	5.2	5.5
5.5	Maklumat dan komunikasi <i>Information and communication</i>	0.7	3.9	3.8	0.3
5.6	Kewangan dan insurans <i>Finance and insurance</i>	0.8	3.2	-0.5	2.8
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	1.9	11.5	-1.2	4.4
5.8	Perkhidmatan lain <i>Other services</i>	5.4	3.3	8.6	7.5
Produktiviti buruh <i>Labour productivity</i>		3.7	3.9	4.1	3.5

6b

Quarterly labour productivity, value added per employment by economic activity, Q1 2017 - Q4 2021:
Percentage change from corresponding quarter of preceding year

(%)

2018				2019 ^e				2020 ^p				2021 ^p			
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
-1.1	2.3	-1.2	-0.3	3.8	2.1	1.9	-6.0	-8.7	1.5	0.5	-0.7	0.9	-3.3	-2.6	2.9
5.7	6.2	0.4	3.3	4.6	1.4	-3.9	-3.2	-1.3	-17.9	-5.7	-9.0	-4.2	14.1	-1.3	-10.7
3.3	1.5	2.3	2.5	2.0	2.4	1.5	0.8	-0.2	-17.3	3.7	3.2	5.5	23.2	-3.5	5.3
8.1	-0.3	-1.1	-2.9	2.1	2.3	0.3	-0.9	-4.8	7.3	5.6	-9.3	-3.7	-6.6	-4.1	4.8
-2.2	-0.8	-0.9	-0.1	1.3	2.0	2.5	0.7	-2.9	-44.8	8.2	9.8	14.9	55.7	-41.2	7.2
-2.5	-5.1	-0.9	0.2	0.7	0.9	-0.8	-0.9	-1.2	-40.2	-7.6	0.3	4.4	32.9	-9.4	-2.1
5.7	3.5	5.1	3.8	3.6	4.2	4.3	3.2	0.5	-29.8	3.4	5.2	6.0	41.8	-12.7	3.2
3.9	1.7	1.9	2.3	1.9	1.4	0.8	0.4	1.7	-13.8	-0.2	0.1	2.9	21.6	9.1	4.7
2.4	1.9	3.5	2.7	4.2	4.2	3.2	2.7	-0.5	-39.8	-6.2	-2.6	-1.1	34.2	-14.3	3.6
4.3	2.0	2.0	3.8	0.4	1.9	1.3	0.5	0.3	-8.2	9.8	7.7	10.7	22.6	3.7	11.6
1.0	7.0	7.1	6.8	5.4	5.7	5.9	4.0	-1.7	-26.1	9.3	16.9	9.5	39.3	-30.7	0.1
0.8	4.1	3.3	5.2	4.8	3.8	2.2	3.5	-5.3	-40.7	-10.2	-8.4	-8.2	37.6	-18.8	-11.2
4.7	2.5	3.9	2.9	2.9	3.1	2.8	3.0	0.6	-15.7	-3.9	-4.9	-2.4	11.1	-6.2	1.0
4.2	1.3	1.3	1.8	4.6	3.8	3.1	3.4	3.4	-9.7	-2.1	0.2	-0.6	5.0	-3.0	4.8
5.6	3.6	5.3	4.9	3.9	3.4	3.4	3.2	-0.1	-23.1	-3.2	-2.8	-0.1	19.4	-13.2	-3.0
2.0	0.3	0.6	0.6	1.2	2.0	1.8	2.3	-4.5	-39.4	-27.9	-33.4	-27.4	5.5	-19.1	3.0
4.4	3.9	4.5	4.9	3.9	4.4	4.2	4.2	-5.1	-44.4	-16.0	-21.8	-15.0	37.3	-11.4	12.1
4.7	5.8	6.5	0.8	1.9	0.3	0.5	1.2	2.1	1.5	1.8	5.5	1.8	2.9	5.1	4.9
6.8	0.6	3.9	2.8	1.9	3.7	2.9	3.5	3.3	-5.9	5.2	6.1	11.0	24.6	5.6	4.1
2.3	0.3	8.7	5.2	4.4	4.7	4.8	5.1	1.0	-26.1	-16.5	-21.7	-17.4	0.5	-14.5	-5.8
6.0	4.3	2.9	2.6	3.6	4.0	3.2	3.6	2.7	-4.7	-0.8	-2.1	-3.3	3.0	-1.9	1.1
2.9	2.3	1.9	2.3	2.4	2.8	2.4	1.5	-0.9	-16.1	-2.3	-2.9	-0.4	13.7	-5.6	1.7

7a

KDNK tahunan mengikut aktiviti ekonomi pada harga malar 2015, 2015 - 2021
Annual GDP by economic activity at constant 2015 prices, 2015 - 2021

(RM juta/ RM million)

Aktiviti ekonomi Economic activity		2015	2016	2017	2018	2019 ^e	2020 ^p	2021 ^p
1.	Pertanian Agriculture	97,539	93,977	99,509	99,637	101,580	99,367	99,186
2.	Perlombongan dan pengkuarian Mining and quarrying	103,059	105,368	105,838	103,557	102,897	91,993	92,654
3.	Pembuatan Manufacturing	262,379	273,899	290,464	304,843	316,283	307,924	337,295
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan Vegetable and animal oils & fats and food processing	25,142	25,568	28,420	29,468	30,448	30,975	31,622
3.2	Minuman dan produk tembakau Beverages and tobacco products	7,597	8,110	8,598	8,819	9,181	7,687	7,731
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	4,923	5,264	5,682	5,927	6,251	5,419	5,864
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	17,786	18,770	19,657	20,570	21,685	20,074	21,435
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	78,306	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 Non-metallic mineral products, basic metal and fabricated metal products	31,572	32,907	34,516	36,224	37,716	32,817	34,211
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	70,244	75,555	81,218	86,317	89,133	91,438	104,819
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	26,810	26,007	27,374	29,098	30,887	29,429	29,923
4.	Pembinaan Construction	55,382	59,508	63,522	66,194	66,453	53,556	50,767
5.	Perkhidmatan Services	643,883	680,561	723,361	772,990	820,857	775,717	790,421
5.1	Utiliti Utilities	31,710	33,412	34,396	36,109	38,297	37,802	38,771
5.2	Perdagangan borong dan runcit Wholesale and retail trade	184,023	195,707	209,885	227,166	242,704	228,015	231,700
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	36,219	38,831	41,748	45,502	49,889	36,668	32,634
5.4	Pengangkutan dan penyimpanan Transportation and storage	42,057	44,463	47,212	50,208	53,631	41,902	42,473
5.5	Maklumat dan komunikasi Information and communication	62,303	67,301	73,113	79,110	84,327	89,378	95,021
5.6	Kewangan dan insurans Finance and insurance	78,633	80,722	84,532	89,088	93,353	95,858	105,676
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	51,431	54,965	59,132	63,745	68,842	58,395	51,968
5.8	Perkhidmatan lain Other services	157,507	165,160	173,343	182,061	189,813	187,698	192,178
tambah Duti import plus Import duties		14,699	16,000	18,076	16,546	16,240	15,324	15,656
KDNK pada harga pembeli GDP at purchasers' prices		1,176,941	1,229,312	1,300,769	1,363,766	1,424,310	1,343,880	1,385,978

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 ^e	2020 ^p	2021 ^p
1.	Pertanian Agriculture	-3.7	5.9	0.1	2.0	-2.2	-0.2
2.	Perlombongan dan pengkuarian Mining and quarrying	2.2	0.4	-2.2	-0.6	-10.6	0.7
3.	Pembuatan Manufacturing	4.4	6.0	5.0	3.8	-2.6	9.5
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan Vegetable and animal oils & fats and food processing	1.7	11.2	3.7	3.3	1.7	2.1
3.2	Minuman dan produk tembakau Beverages and tobacco products	6.8	6.0	2.6	4.1	-16.3	0.6
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	6.9	7.9	4.3	5.5	-13.3	8.2
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	5.5	4.7	4.6	5.4	-7.4	6.8
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	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 Non-metallic mineral products, basic metal and fabricated metal products	4.2	4.9	4.9	4.1	-13.0	4.2
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	7.6	7.5	6.3	3.3	2.6	14.6
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	-3.0	5.3	6.3	6.1	-4.7	1.7
4.	Pembinaan Construction	7.4	6.7	4.2	0.4	-19.4	-5.2
5.	Perkhidmatan Services	5.7	6.3	6.9	6.2	-5.5	1.9
5.1	Utiliti Utilities	5.4	2.9	5.0	6.1	-1.3	2.6
5.2	Perdagangan borong dan runcit Wholesale and retail trade	6.3	7.2	8.2	6.8	-6.1	1.6
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	7.2	7.5	9.0	9.6	-26.5	-11.0
5.4	Pengangkutan dan penyimpanan Transportation and storage	5.7	6.2	6.3	6.8	-21.9	1.4
5.5	Maklumat dan komunikasi Information and communication	8.0	8.6	8.2	6.6	6.0	6.3
5.6	Kewangan dan insurans Finance and insurance	2.7	4.7	5.4	4.8	2.7	10.2
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	6.9	7.6	7.8	8.0	-15.2	-11.0
5.8	Perkhidmatan lain Other services	4.9	5.0	5.0	4.3	-1.1	2.4
tambah Duti import plus Import duties		8.8	13.0	-8.5	-1.8	-5.6	2.2
KDNK pada harga pembeli GDP at purchasers' prices		4.4	5.8	4.8	4.4	-5.6	3.1

8a KDNK suku tahunan mengikut aktiviti ekonomi pada harga malar 2015, ST1 2017 - ST4 2021

(RM juta/ RM million)

Aktiviti ekonomi <i>Economic activity</i>		2017			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	22,608	23,644	27,266	25,990
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	26,845	26,187	25,500	27,305
3.	Pembuatan <i>Manufacturing</i>	69,022	72,242	73,442	75,758
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	6,118	6,984	7,440	7,878
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	1,835	2,451	2,258	2,055
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	1,299	1,553	1,434	1,396
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	5,040	5,007	4,791	4,819
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	19,788	20,521	22,067	22,621
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>	7,868	9,326	8,935	8,388
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	21,136	19,617	19,722	20,742
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	5,939	6,782	6,794	7,859
4.	Pembinaan <i>Construction</i>	15,832	15,253	16,431	16,006
5.	Perkhidmatan <i>Services</i>	172,090	176,593	183,517	191,161
5.1	Utiliti <i>Utilities</i>	8,340	8,592	8,744	8,720
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	48,641	50,558	54,099	56,587
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	9,982	10,131	10,413	11,222
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	11,452	11,560	11,826	12,375
5.5	Maklumat dan komunikasi <i>Information and communication</i>	17,667	18,374	18,739	18,334
5.6	Kewangan dan insurans <i>Finance and insurance</i>	20,523	20,650	21,143	22,215
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	14,303	14,713	14,685	15,431
5.8	Perkhidmatan lain <i>Other services</i>	41,183	42,015	43,867	46,278
	tambah Duti import <i>plus Import duties</i>	4,348	4,312	4,509	4,908
	KDNK pada harga pembeli <i>GDP at purchasers' prices</i>	310,744	318,231	330,664	341,129

8a

Quarterly GDP by economic activity at constant 2015 prices, Q1 2017 - Q4 2021

(RM juta/ RM million)

2018				2019 ^e				2020 ^p				2021 ^p			
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
23,298	23,292	27,089	25,958	24,709	24,267	28,084	24,520	22,595	24,493	28,007	24,273	22,631	24,130	27,464	24,960
26,189	25,853	24,238	27,277	26,151	26,593	23,557	26,597	25,387	21,070	21,711	23,825	24,110	23,992	20,934	23,619
72,643	75,745	77,131	79,324	75,627	79,005	79,922	81,729	76,681	64,508	82,529	84,206	81,779	81,699	81,907	91,910
6,680	7,296	7,619	7,874	7,020	7,623	7,807	7,997	6,803	8,322	8,383	7,468	6,783	8,146	8,429	8,265
1,860	2,532	2,329	2,098	1,946	2,643	2,416	2,177	1,919	1,287	2,349	2,132	2,001	1,994	1,403	2,333
1,385	1,616	1,476	1,450	1,450	1,710	1,558	1,534	1,495	993	1,419	1,511	1,534	1,394	1,353	1,582
5,242	5,176	5,094	5,057	5,530	5,460	5,386	5,308	5,601	3,643	5,389	5,441	5,854	5,104	4,733	5,744
20,751	21,311	22,932	23,425	21,385	22,002	23,570	24,025	22,202	19,067	24,068	24,747	23,821	24,405	27,102	26,363
8,285	9,811	9,400	8,728	8,620	10,234	9,793	9,069	8,616	6,134	9,156	8,912	8,723	8,186	7,874	9,428
22,370	20,810	20,966	22,171	23,189	21,648	21,598	22,698	23,662	19,739	23,577	24,459	26,166	24,935	25,245	28,472
6,069	7,193	7,315	8,522	6,486	7,684	7,795	8,921	6,382	5,323	8,189	9,535	6,897	7,535	5,768	9,722
16,604	15,985	17,206	16,399	16,704	16,161	16,968	16,620	15,391	8,976	14,872	14,318	13,797	12,589	11,815	12,565
183,367	188,290	196,947	204,386	195,220	199,918	208,572	217,147	201,291	167,453	200,298	206,674	196,701	190,048	190,409	213,263
8,709	9,024	9,217	9,158	9,322	9,603	9,705	9,668	9,797	8,746	9,561	9,698	9,875	9,341	9,395	10,161
51,979	54,324	59,307	61,556	55,781	58,034	63,287	65,603	57,008	44,541	61,799	64,668	57,703	53,872	54,591	65,533
10,770	11,049	11,391	12,293	11,806	12,094	12,464	13,524	11,999	7,146	8,778	8,744	8,424	7,799	7,329	9,082
12,103	12,291	12,616	13,200	12,902	13,157	13,471	14,101	12,551	7,268	11,232	10,851	10,521	9,972	9,861	12,118
19,104	19,938	20,296	19,773	20,492	21,191	21,521	21,123	21,871	22,209	22,670	22,628	23,248	23,522	24,084	24,167
22,032	21,636	22,345	23,075	23,048	22,675	23,316	24,314	24,169	21,325	24,607	25,757	26,895	26,286	25,699	26,796
15,387	15,893	15,840	16,625	16,567	17,180	17,089	18,006	17,128	12,809	14,337	14,121	13,819	12,967	12,008	13,174
43,284	44,135	45,935	48,707	45,302	45,985	47,718	50,809	46,768	43,409	47,315	50,206	46,217	46,288	47,442	52,233
4,995	4,272	3,074	4,204	3,988	4,072	4,155	4,025	3,355	3,245	4,159	4,565	3,995	4,045	3,260	4,355
327,096	333,438	345,685	357,547	342,398	350,017	361,257	370,638	344,699	289,745	351,576	357,860	343,014	336,503	335,789	370,672

8b

KDNK suku tahunan mengikut aktiviti ekonomi pada harga malar 2015, ST1 2017 - ST4 2021:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

(%)

Aktiviti ekonomi <i>Economic activity</i>		2017			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	6.6	4.5	3.3	9.4
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	1.0	-0.5	2.3	-0.9
3.	Pembuatan <i>Manufacturing</i>	5.9	6.0	7.0	5.3
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	8.5	12.1	12.7	10.9
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	8.6	6.4	4.1	5.5
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	7.1	7.4	8.9	8.4
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	9.1	5.4	3.1	1.5
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	3.1	3.2	5.1	4.6
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>	3.8	4.1	6.7	4.9
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	7.6	8.8	8.3	5.5
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	6.8	3.5	7.7	3.6
4.	Pembinaan <i>Construction</i>	6.8	8.3	6.2	5.9
5.	Perkhidmatan <i>Services</i>	5.9	6.4	6.6	6.3
5.1	Utiliti <i>Utilities</i>	2.3	2.2	2.9	4.3
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	6.5	7.8	7.6	7.1
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	7.3	7.4	7.6	7.7
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	6.1	6.3	6.4	6.0
5.5	Maklumat dan komunikasi <i>Information and communication</i>	8.4	8.8	9.0	8.3
5.6	Kewangan dan insurans <i>Finance and insurance</i>	3.6	5.2	4.3	5.8
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	7.4	7.7	7.6	7.7
5.8	Perkhidmatan lain <i>Other services</i>	5.0	4.6	5.7	4.6
	tambah Duti import <i>plus Import duties</i>	8.5	12.0	16.6	14.7
	KDNK pada harga pembeli <i>GDP at purchasers' prices</i>	5.6	5.7	6.1	5.8

8b

Quarterly GDP by economic activity at constant 2015 prices, Q1 2017 - Q4 2021:
Percentage change from corresponding quarter of preceding year

(%)

2018				2019 ^e				2020 ^p				2021 ^p			
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
3.1	-1.5	-0.7	-0.1	6.1	4.2	3.7	-5.5	-8.6	0.9	-0.3	-1.0	0.2	-1.5	-1.9	2.8
-2.4	-1.3	-5.0	-0.1	-0.1	2.9	-2.8	-2.5	-2.9	-20.8	-7.8	-10.4	-5.0	13.9	-3.6	-0.9
5.2	4.9	5.0	4.7	4.1	4.3	3.6	3.0	1.4	-18.3	3.3	3.0	6.6	26.6	-0.8	9.1
9.2	4.5	2.4	-0.1	5.1	4.5	2.5	1.6	-3.1	9.2	7.4	-6.6	-0.3	-2.1	0.5	10.7
1.4	3.3	3.2	2.1	4.6	4.4	3.7	3.8	-1.4	-51.3	-2.8	-2.1	4.3	54.9	-40.2	9.4
6.6	4.1	2.9	3.8	4.7	5.8	5.5	5.8	3.1	-41.9	-8.9	-1.5	2.6	40.4	-4.7	4.7
4.0	3.4	6.3	4.9	5.5	5.5	5.7	5.0	1.3	-33.3	0.1	2.5	4.5	40.1	-12.2	5.6
4.9	3.8	3.9	3.6	3.1	3.2	2.8	2.6	3.8	-13.3	2.1	3.0	7.3	28.0	12.6	6.5
5.3	5.2	5.2	4.1	4.0	4.3	4.2	3.9	-0.1	-40.1	-6.5	-1.7	1.2	33.5	-14.0	5.8
5.8	6.1	6.3	6.9	3.7	4.0	3.0	2.4	2.0	-8.8	9.2	7.8	10.6	26.3	7.1	16.4
2.2	6.0	7.7	8.4	6.9	6.8	6.6	4.7	-1.6	-30.7	5.0	6.9	8.1	41.6	-29.6	2.0
4.9	4.8	4.7	2.5	0.6	1.1	-1.4	1.3	-7.9	-44.5	-12.4	-13.9	-10.4	40.3	-20.6	-12.2
6.6	6.6	7.3	6.9	6.5	6.2	5.9	6.2	3.1	-16.2	-4.0	-4.8	-2.3	13.5	-4.9	3.2
4.4	5.0	5.4	5.0	7.0	6.4	5.3	5.6	5.1	-8.9	-1.5	0.3	0.8	6.8	-1.7	4.8
6.9	7.4	9.6	8.8	7.3	6.8	6.7	6.6	2.2	-23.3	-2.4	-1.4	1.2	21.0	-11.7	1.3
7.9	9.1	9.4	9.5	9.6	9.5	9.4	10.0	1.6	-40.9	-29.6	-35.3	-29.8	9.1	-16.5	3.9
5.7	6.3	6.7	6.7	6.6	7.0	6.8	6.8	-2.7	-44.8	-16.6	-23.0	-16.2	37.2	-12.2	11.7
8.1	8.5	8.3	7.9	7.3	6.3	6.0	6.8	6.7	4.8	5.3	7.1	6.3	5.9	6.2	6.8
7.4	4.8	5.7	3.9	4.6	4.8	4.3	5.4	4.9	-6.0	5.5	5.9	11.3	23.3	4.4	4.0
7.6	8.0	7.9	7.7	7.7	8.1	7.9	8.3	3.4	-25.4	-16.1	-21.6	-19.3	1.2	-16.2	-6.7
5.1	5.0	4.7	5.2	4.7	4.2	3.9	4.3	3.2	-5.6	-0.8	-1.2	-1.2	6.6	0.3	4.0
14.9	-0.9	-31.8	-14.3	-20.2	-4.7	35.2	-4.3	-15.9	-20.3	0.1	13.4	19.1	24.6	-21.6	-4.6
5.3	4.8	4.5	4.8	4.7	5.0	4.5	3.7	0.7	-17.2	-2.7	-3.4	-0.5	16.1	-4.5	3.6

9a Jumlah jam bekerja tahunan mengikut aktiviti ekonomi, 2015 - 2021
Annual total hours worked by economic activity, 2015 - 2021

(Juta jam/ Million hours)

Aktiviti ekonomi Economic activity		2015	2016	2017	2018	2019 ^e	2020 ^p	2021 ^p
1.	Pertanian Agriculture	3,871	3,740	3,893	3,870	3,938	3,779	3,954
2.	Perlombongan dan pengkuarian Mining and quarrying	190	190	196	185	185	168	175
3.	Pembuatan Manufacturing	5,763	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	858	921	947	955	1,001	950	1,018
3.2	Minuman dan produk tembakau Beverages and tobacco products	44	43	45	48	49	42	41
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	440	461	463	494	515	504	521
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	802	779	762	772	765	653	665
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	959	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 metal products	820	832	891	893	904	813	853
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	1,333	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	507	461	468	475	477	400	434
4.	Pembinaan Construction	3,666	3,601	3,601	3,616	3,498	2,972	3,072
5.	Perkhidmatan Services	19,216	19,860	20,242	20,599	21,286	19,483	20,722
5.1	Utiliti Utilities	231	239	234	238	244	225	236
5.2	Perdagangan borong dan runcit Wholesale and retail trade	5,215	5,556	5,802	5,934	6,092	5,571	5,894
5.3	Makanan & minuman dan penginapan Food & beverage and accommodation	3,093	3,174	3,297	3,524	3,807	3,370	3,641
5.4	Pengangkutan dan penyimpanan Transportation and storage	1,211	1,269	1,264	1,289	1,320	1,159	1,246
5.5	Maklumat dan komunikasi Information and communication	486	483	520	533	556	525	579
5.6	Kewangan dan insurans Finance and insurance	813	811	832	846	863	802	843
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	2,406	2,503	2,573	2,626	2,695	2,469	2,555
5.8	Perkhidmatan lain Other services	5,761	5,826	5,719	5,610	5,708	5,363	5,727
Jumlah jam bekerja Total hours worked		32,707	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 ^e	2020 ^p	2021 ^p
1.	Pertanian Agriculture	-3.4	4.1	-0.6	1.8	-4.0	4.6
2.	Perlombongan dan pengkuarian Mining and quarrying	-0.04	2.9	-5.3	-0.3	-9.4	4.2
3.	Pembuatan Manufacturing	0.8	2.4	1.6	1.3	-9.0	6.3
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan Vegetable and animal oils & fats and food processing	7.3	2.8	0.8	4.8	-5.1	7.1
3.2	Minuman dan produk tembakau Beverages and tobacco products	-1.0	4.7	5.3	3.1	-14.8	-2.9
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	4.6	0.4	6.8	4.3	-2.3	3.6
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	-2.9	-2.2	1.3	-0.9	-14.7	1.8
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	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 Non-metallic mineral products, basic metal and fabricated metal products	1.5	7.1	0.2	1.3	-10.1	4.8
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	0.8	1.9	1.6	0.7	-10.0	8.6
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	-9.1	1.6	1.3	0.5	-16.2	8.4
4.	Pembinaan Construction	-1.8	0.01	0.4	-3.3	-15.0	3.4
5.	Perkhidmatan Services	3.4	1.9	1.8	3.3	-8.5	6.4
5.1	Utiliti Utilities	3.6	-2.1	1.7	2.6	-7.7	4.7
5.2	Perdagangan borong dan runcit Wholesale and retail trade	6.5	4.4	2.3	2.7	-8.6	5.8
5.3	Makanan & minuman dan penginapan Food and beverages and accommodation	2.6	3.9	6.9	8.0	-11.5	8.1
5.4	Pengangkutan dan penyimpanan Transportation and storage	4.8	-0.4	1.9	2.5	-12.2	7.5
5.5	Maklumat dan komunikasi Information and communication	-0.8	7.7	2.5	4.4	-5.6	10.3
5.6	Kewangan dan insurans Finance and insurance	-0.3	2.6	1.7	2.0	-7.1	5.1
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	4.0	2.8	2.0	2.6	-8.4	3.5
5.8	Perkhidmatan lain Other services	1.1	-1.8	-1.9	1.7	-6.0	6.8
Jumlah jam bekerja Total hours worked		1.5	2.0	1.3	2.1	-8.7	5.8

10a

Jumlah jam bekerja suku tahunan mengikut aktiviti ekonomi, ST1 2017 - ST4 2021

(Juta jam/ Million hours)

Aktiviti ekonomi <i>Economic activity</i>		2017			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	922	1,006	999	966
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	53	49	50	44
3.	Pembuatan <i>Manufacturing</i>	1,503	1,459	1,481	1,501
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	247	230	241	228
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	11	11	12	11
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	116	118	113	116
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	197	184	190	190
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	245	245	246	261
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>	226	220	224	221
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	346	336	341	347
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	114	116	114	125
4.	Pembinaan <i>Construction</i>	874	890	890	948
5.	Perkhidmatan <i>Services</i>	5,107	5,003	5,106	5,026
5.1	Utiliti <i>Utilities</i>	60	57	57	60
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	1,453	1,465	1,444	1,441
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	828	794	824	851
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	326	305	310	323
5.5	Maklumat dan komunikasi <i>Information and communication</i>	120	130	136	133
5.6	Kewangan dan insurans <i>Finance and insurance</i>	204	206	212	210
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	627	600	687	659
5.8	Perkhidmatan lain <i>Other services</i>	1,488	1,446	1,436	1,348
Jumlah jam bekerja <i>Total hours worked</i>		8,459	8,407	8,526	8,485

10a

Quarterly total hours worked by economic activity, Q1 2017 - Q4 2021

(Juta jam/ Million hours)

2018				2019 ^e				2020 ^p				2021 ^p			
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
966	958	973	973	993	977	993	975	975	849	982	972	983	991	997	983
48	45	49	44	47	46	48	43	45	35	47	41	44	43	44	45
1,510	1,491	1,515	1,526	1,520	1,518	1,526	1,554	1,509	1,077	1,473	1,510	1,488	1,424	1,430	1,575
233	235	247	240	248	249	253	251	251	201	245	254	247	248	250	272
12	12	12	12	12	12	12	12	12	9	11	10	10	10	10	10
130	127	116	121	130	127	125	134	136	110	125	133	133	125	126	138
197	197	191	189	189	194	192	191	186	112	178	177	173	154	156	183
253	247	253	261	247	250	250	257	246	200	247	252	253	250	251	261
222	222	224	224	228	223	225	228	223	152	215	223	223	202	200	228
346	338	356	353	349	347	353	354	340	233	343	347	338	330	335	368
117	114	116	127	117	116	117	127	115	60	110	115	111	105	102	116
917	888	890	920	880	864	862	891	824	495	830	823	809	754	699	811
5,116	5,104	5,210	5,169	5,290	5,287	5,358	5,351	5,257	3,780	5,213	5,232	5,214	5,101	5,046	5,361
59	59	60	61	61	60	61	62	60	45	60	60	60	58	55	62
1,468	1,491	1,497	1,478	1,488	1,537	1,545	1,522	1,485	1,083	1,501	1,501	1,476	1,436	1,442	1,541
856	847	893	928	938	925	952	992	947	639	871	913	902	884	910	945
331	309	314	335	337	319	323	341	331	200	310	318	327	301	294	325
128	131	134	140	132	136	140	148	136	94	145	149	140	143	144	152
204	216	214	212	214	216	216	217	210	168	212	212	213	211	207	213
663	640	665	659	676	659	676	683	680	466	658	665	651	635	613	655
1,408	1,412	1,433	1,357	1,443	1,435	1,444	1,386	1,408	1,086	1,456	1,412	1,445	1,433	1,381	1,468
8,558	8,486	8,636	8,632	8,730	8,693	8,788	8,815	8,611	6,236	8,545	8,579	8,538	8,312	8,214	8,775

10b

Jumlah jam bekerja suku tahunan mengikut aktiviti ekonomi, ST1 2017 - ST4 2021:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

(%)

Aktiviti ekonomi Economic activity		2017			
		I	II	III	IV
1.	Pertanian Agriculture	4.2	10.1	0.4	2.1
2.	Perlombongan dan pengkuarian Mining and quarrying	8.6	-3.1	12.6	-5.9
3.	Pembuatan Manufacturing	6.1	0.6	2.2	0.8
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan Vegetable and animal oils & fats and food processing	11.4	1.7	3.3	-4.5
3.2	Minuman dan produk tembakau Beverages and tobacco products	13.3	-0.4	6.9	0.1
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	3.6	-0.5	-0.6	-0.8
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	3.8	-5.9	-2.2	-4.2
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	3.2	1.5	2.2	6.5
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	12.5	6.4	4.4	5.2
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	4.0	-1.2	3.9	1.1
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	1.8	3.8	0.5	0.6
4.	Pembinaan Construction	-5.8	-0.6	3.2	3.5
5.	Perkhidmatan Services	3.1	-0.3	4.1	0.8
5.1	Utiliti Utilities	-1.0	-0.9	-3.9	-2.6
5.2	Perdagangan borong dan runcit Wholesale and retail trade	5.1	2.5	6.5	3.7
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	3.4	0.9	7.1	4.2
5.4	Pengangkutan dan penyimpanan Transportation and storage	-0.3	-0.8	0.9	-1.3
5.5	Maklumat dan komunikasi Information and communication	7.3	6.7	7.4	9.6
5.6	Kewangan dan insurans Finance and insurance	3.5	0.1	4.6	2.4
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	4.4	-6.6	10.3	3.5
5.8	Perkhidmatan lain Other services	1.2	-1.4	-1.7	-5.5
Jumlah jam bekerja Total hours worked		2.8	1.0	3.3	1.2

10b

Quarterly total hours worked by economic activity, Q1 2017 - Q4 2021:
Percentage change from corresponding quarter of preceding year

(%)

2018				2019 ^e				2020 ^p				2021 ^p			
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
4.8	-4.9	-2.5	0.6	2.7	2.1	2.0	0.2	-1.7	-13.1	-1.1	-0.3	0.8	16.7	1.5	1.1
-10.0	-7.8	-3.4	0.9	-1.3	3.5	-1.0	-2.2	-5.6	-25.1	-2.4	-4.5	-2.5	22.6	-7.3	9.3
0.5	2.2	2.2	1.6	0.7	1.8	0.7	1.9	-0.7	-29.1	-3.4	-2.9	-1.4	32.3	-3.0	4.3
-5.8	2.2	2.2	5.3	6.5	6.2	2.4	4.5	1.1	-19.6	-3.1	1.2	-1.3	23.8	2.2	7.0
3.4	8.4	6.0	3.6	6.9	3.9	-0.4	2.0	-2.2	-30.8	-12.3	-13.8	-14.6	11.4	-4.4	0.7
12.4	7.5	2.8	4.2	-0.2	0.2	7.4	10.5	4.6	-13.0	0.01	-0.9	-1.8	13.0	0.9	3.8
-0.4	6.7	0.2	-0.9	-3.9	-1.4	0.6	1.1	-1.4	-42.2	-7.3	-7.4	-7.3	37.1	-12.5	3.5
3.1	0.7	2.7	-0.3	-2.4	1.3	-1.2	-1.3	-0.4	-20.0	-1.0	-2.2	2.9	25.3	1.4	3.6
-1.6	1.0	0.2	1.1	2.6	0.1	0.4	2.1	-2.4	-31.5	-4.6	-2.3	-0.1	32.5	-6.9	2.2
0.1	0.7	4.2	1.5	0.8	2.6	-0.8	0.3	-2.4	-32.8	-2.9	-2.0	-0.7	41.8	-2.2	6.0
2.9	-1.1	2.0	1.6	-0.3	1.8	0.4	0.2	-1.2	-48.8	-5.6	-9.8	-3.6	75.7	-7.9	1.2
5.0	-0.1	-0.03	-2.9	-4.1	-2.7	-3.1	-3.2	-6.4	-42.7	-3.8	-7.7	-1.9	52.2	-15.7	-1.4
0.2	2.0	2.0	2.9	3.4	3.6	2.8	3.5	-0.6	-28.5	-2.7	-2.2	-0.8	34.9	-3.2	2.5
-3.0	3.2	4.9	2.0	3.6	2.7	1.9	2.3	-1.0	-25.5	-1.7	-3.0	0.4	30.2	-7.9	2.6
1.1	1.7	3.7	2.6	1.3	3.1	3.2	3.0	-0.2	-29.5	-2.8	-1.4	-0.6	32.6	-3.9	2.6
3.4	6.7	8.4	9.0	9.6	9.2	6.6	6.9	0.9	-31.0	-8.5	-7.9	-4.7	38.5	4.5	3.5
1.5	1.3	1.4	3.5	1.8	3.3	2.8	2.0	-1.9	-37.3	-4.0	-6.8	-1.3	50.7	-5.3	2.1
6.0	0.2	-1.4	5.4	3.5	3.8	4.7	5.4	3.4	-30.8	3.5	0.8	2.5	52.2	-0.9	1.9
-0.02	4.6	0.9	1.2	4.7	0.1	1.3	2.1	-1.9	-22.2	-2.0	-2.2	1.5	25.3	-2.6	0.5
5.6	6.7	-3.2	-0.1	2.1	3.0	1.8	3.7	0.5	-29.4	-2.8	-2.6	-4.2	36.3	-6.7	-1.5
-5.4	-2.4	-0.2	0.7	2.5	1.6	0.8	2.1	-2.4	-24.3	0.8	1.9	2.6	31.9	-5.2	3.9
1.2	0.9	1.3	1.7	2.0	2.4	1.8	2.1	-1.4	-28.3	-2.8	-2.7	-0.8	33.3	-3.9	2.3

11a Pekerja tahunan mengikut aktiviti ekonomi, 2015 - 2021
Annual employment by economic activity, 2015 - 2021

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Aktiviti ekonomi Economic activity		2015	2016	2017	2018	2019 ^e	2020 ^p	2021 ^p
1.	Pertanian Agriculture	1,876	1,775	1,839	1,844	1,873	1,866	1,874
2.	Perlombongan dan pengkuarian Mining and quarrying	79	76	81	76	75	74	75
3.	Pembuatan Manufacturing	2,379	2,391	2,441	2,502	2,553	2,552	2,618
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan Vegetable and animal oils & fats and food processing	383	407	416	429	439	448	469
3.2	Minuman dan produk tembakau Beverages and tobacco products	18	18	18	19	20	18	18
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	223	222	225	239	252	251	261
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	313	307	302	302	307	299	299
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	377	381	389	395	402	410	425
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	327	334	353	361	362	363	367
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	533	537	545	562	575	575	590
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	205	186	193	194	196	186	188
4.	Pembinaan Construction	1,517	1,498	1,497	1,509	1,463	1,399	1,385
5.	Perkhidmatan Services	8,141	8,439	8,601	8,880	9,161	9,206	9,338
5.1	Utiliti Utilities	99	99	98	101	103	104	105
5.2	Perdagangan borong dan runcit Wholesale and retail trade	2,130	2,280	2,374	2,449	2,529	2,557	2,615
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	1,312	1,368	1,403	1,516	1,633	1,626	1,641
5.4	Pengangkutan dan penyimpanan Transportation and storage	491	513	516	526	539	539	535
5.5	Maklumat dan komunikasi Information and communication	205	203	216	223	236	243	250
5.6	Kewangan dan insurans Finance and insurance	349	351	362	368	375	376	374
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	982	1,020	1,055	1,092	1,126	1,137	1,123
5.8	Perkhidmatan lain Other services	2,572	2,606	2,576	2,603	2,620	2,623	2,694
Jumlah pekerja Total employment		13,992	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 ^e	2020 ^p	2021 ^p
1.	Pertanian Agriculture	-5.4	3.6	0.2	1.6	-0.4	0.4
2.	Perlombongan dan pengkuarian Mining and quarrying	-3.5	5.5	-6.0	-0.4	-2.3	1.7
3.	Pembuatan Manufacturing	0.5	2.1	2.5	2.1	-0.1	2.6
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan Vegetable and animal oils & fats and food processing	6.1	2.2	3.1	2.4	2.0	4.7
3.2	Minuman dan produk tembakau Beverages and tobacco products	-0.9	5.3	3.5	2.4	-7.8	-1.8
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	-0.6	1.4	6.6	5.5	-0.4	3.9
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	-2.0	-1.6	0.1	1.5	-2.5	0.1
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	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 Non-metallic mineral products, basic metal and fabricated metal products	2.0	5.7	2.2	0.5	0.2	1.1
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	0.8	1.6	3.2	2.2	0.1	2.6
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	-9.0	3.4	0.6	0.9	-4.8	0.9
4.	Pembinaan Construction	-1.3	-0.1	0.8	-3.1	-4.4	-1.0
5.	Perkhidmatan Services	3.7	1.9	3.2	3.2	0.5	1.4
5.1	Utiliti Utilities	-0.01	-0.4	2.7	2.2	0.8	1.1
5.2	Perdagangan borong dan runcit Wholesale and retail trade	7.0	4.1	3.2	3.3	1.1	2.2
5.3	Makanan & minuman dan penginapan Food & beverages and accommodation	4.3	2.6	8.1	7.7	-0.4	0.9
5.4	Pengangkutan dan penyimpanan Transportation and storage	4.4	0.7	1.8	2.6	-0.1	-0.7
5.5	Maklumat dan komunikasi Information and communication	-1.2	6.3	3.7	5.6	3.1	2.5
5.6	Kewangan dan insurans Finance and insurance	0.5	3.1	1.8	1.7	0.4	-0.5
5.7	Hartanah dan perkhidmatan perniagaan Real estate and business services	3.9	3.4	3.5	3.1	0.9	-1.2
5.8	Perkhidmatan lain Other services	1.3	-1.1	1.1	0.6	0.1	2.7
Jumlah pekerja Total employment		1.3	2.0	2.4	2.1	-0.2	1.3

12a Pekerja suku tahunan mengikut aktiviti ekonomi, ST1 2017 - ST4 2021

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Aktiviti ekonomi <i>Economic activity</i>		2017			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	1,767	1,897	1,849	1,844
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	86	82	83	71
3.	Pembuatan <i>Manufacturing</i>	2,438	2,413	2,434	2,478
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	420	407	415	422
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	18	18	18	19
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	226	219	224	230
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	304	302	300	301
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	390	386	387	393
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>	352	350	354	355
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	541	539	545	556
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	186	192	190	203
4.	Pembinaan <i>Construction</i>	1,467	1,486	1,471	1,566
5.	Perkhidmatan <i>Services</i>	8,599	8,537	8,647	8,621
5.1	Utiliti <i>Utilities</i>	100	96	97	101
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2,378	2,391	2,378	2,348
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	1,383	1,388	1,395	1,447
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	530	501	503	531
5.5	Maklumat dan komunikasi <i>Information and communication</i>	203	214	223	221
5.6	Kewangan dan insurans <i>Finance and insurance</i>	357	360	366	363
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	1,038	992	1,110	1,080
5.8	Perkhidmatan lain <i>Other services</i>	2,609	2,593	2,573	2,530
Jumlah pekerja <i>Total employment</i>		14,356	14,415	14,484	14,581

12a

Quarterly employment by economic activity, Q1 2017 - Q4 2021

('000)

2018				2019 ^e				2020 ^p				2021 ^p			
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
1,841	1,826	1,861	1,848	1,881	1,862	1,892	1,857	1,883	1,852	1,877	1,851	1,870	1,886	1,889	1,849
79	76	78	69	76	77	79	70	74	75	78	68	74	74	76	76
2,483	2,493	2,499	2,531	2,535	2,539	2,550	2,588	2,576	2,506	2,540	2,584	2,604	2,577	2,612	2,678
425	427	430	434	437	436	440	444	445	443	447	458	461	464	469	483
19	19	19	19	20	20	19	19	20	17	17	17	18	17	18	18
247	240	232	239	256	252	247	255	267	244	244	250	263	258	256	268
299	301	304	305	305	305	308	310	307	290	298	302	303	286	300	308
394	395	394	398	398	402	402	407	406	404	411	418	424	425	424	426
362	361	360	360	362	361	363	364	363	360	362	367	372	358	363	375
549	560	568	572	566	572	578	583	576	568	575	583	576	585	593	608
188	190	191	206	191	192	192	207	191	180	185	189	189	183	188	193
1,526	1,495	1,491	1,525	1,464	1,456	1,439	1,493	1,424	1,364	1,404	1,404	1,391	1,390	1,374	1,386
8,754	8,876	8,928	8,961	9,054	9,143	9,202	9,246	9,284	9,087	9,197	9,255	9,298	9,279	9,323	9,451
100	100	101	104	102	102	103	106	104	103	103	106	106	105	105	106
2,407	2,479	2,475	2,434	2,486	2,562	2,554	2,514	2,544	2,557	2,577	2,551	2,578	2,590	2,624	2,666
1,463	1,510	1,517	1,575	1,585	1,621	1,631	1,694	1,686	1,580	1,593	1,644	1,630	1,634	1,643	1,658
536	513	514	540	551	526	527	554	564	523	523	546	556	522	518	543
210	220	227	237	221	233	240	250	231	240	248	254	241	247	251	259
359	375	372	367	369	379	377	374	374	379	379	373	375	375	374	373
1,092	1,069	1,102	1,106	1,127	1,104	1,135	1,140	1,154	1,113	1,139	1,141	1,126	1,122	1,116	1,130
2,587	2,611	2,620	2,597	2,614	2,617	2,636	2,614	2,627	2,591	2,634	2,639	2,685	2,683	2,692	2,717
14,684	14,767	14,857	14,933	15,010	15,078	15,162	15,255	15,243	14,884	15,096	15,162	15,237	15,207	15,275	15,441

12b Pekerja suku tahunan mengikut aktiviti ekonomi, ST1 2017 - ST4 2021:
Perubahan peratusan dari suku tahun yang sama tahun sebelumnya

(%)

Aktiviti ekonomi <i>Economic activity</i>		2017			
		I	II	III	IV
1.	Pertanian <i>Agriculture</i>	4.2	7.2	-1.2	4.5
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	11.4	3.6	12.7	-5.4
3.	Pembuatan <i>Manufacturing</i>	2.7	1.6	1.7	2.2
3.1	Minyak dan lemak daripada sayuran & haiwan dan proses makanan <i>Vegetable and animal oils & fats and food processing</i>	4.7	-0.001	1.4	2.8
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	9.9	3.2	4.2	4.1
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	2.1	-0.1	1.4	2.0
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	-0.7	-1.8	-2.1	-1.9
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	3.1	1.8	1.5	1.5
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	6.5	6.1	5.9	4.5
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	1.9	1.0	1.5	1.8
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	-1.0	5.8	2.6	6.3
4.	Pembinaan <i>Construction</i>	-5.3	-0.3	1.2	4.3
5.	Perkhidmatan <i>Services</i>	2.4	1.1	2.8	1.5
5.1	Utiliti <i>Utilities</i>	0.1	0.1	-1.7	0.04
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	4.7	2.4	5.8	3.7
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	1.4	1.4	3.9	3.7
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	0.6	0.7	1.1	0.4
5.5	Maklumat dan komunikasi <i>Information and communication</i>	7.6	4.8	5.0	8.0
5.6	Kewangan dan insurans <i>Finance and insurance</i>	2.7	1.9	4.8	3.0
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	5.4	-3.5	8.9	3.1
5.8	Perkhidmatan lain <i>Other services</i>	-0.4	1.2	-2.6	-2.7
Jumlah pekerja <i>Total employment</i>		1.8	1.8	2.0	2.2

12b

Quarterly employment by economic activity, Q1 2017 - Q4 2021:
Percentage change from corresponding quarter of preceding year

(%)

2018				2019 ^e				2020 ^p				2021 ^p			
I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
4.2	-3.7	0.6	0.2	2.2	2.0	1.7	0.5	0.1	-0.5	-0.8	-0.4	-0.7	1.8	0.6	-0.1
-7.7	-7.0	-5.4	-3.3	-4.6	1.4	1.1	0.7	-1.7	-3.5	-2.3	-1.6	-0.8	-0.2	-2.3	11.0
1.9	3.3	2.7	2.1	2.1	1.8	2.0	2.3	1.6	-1.3	-0.4	-0.2	1.1	2.8	2.9	3.6
1.0	4.8	3.6	2.9	3.0	2.1	2.2	2.5	1.8	1.7	1.7	3.0	3.5	4.7	4.9	5.6
3.7	4.1	4.1	2.2	3.2	2.3	1.2	3.0	1.5	-11.9	-10.1	-10.8	-9.3	-0.5	1.6	2.0
9.3	9.7	3.8	3.6	3.9	4.9	6.4	6.8	4.4	-2.9	-1.4	-1.7	-1.7	5.6	5.2	7.0
-1.6	-0.1	1.1	1.1	1.8	1.2	1.4	1.7	0.7	-5.0	-3.2	-2.6	-1.4	-1.2	0.6	2.3
0.9	2.1	2.0	1.3	1.2	1.8	2.0	2.2	2.1	0.5	2.3	2.9	4.3	5.3	3.2	1.8
2.8	3.2	1.6	1.3	-0.2	0.1	0.9	1.2	0.4	-0.4	-0.3	0.9	2.4	-0.5	0.4	2.1
1.5	4.0	4.2	3.0	3.2	2.1	1.7	1.8	1.7	-0.7	-0.6	0.01	-0.1	3.1	3.2	4.3
1.2	-0.9	0.5	1.5	1.3	1.1	0.6	0.6	0.1	-6.3	-3.9	-8.5	-1.3	1.6	1.7	1.9
4.1	0.6	1.3	-2.6	-4.0	-2.6	-3.5	-2.1	-2.7	-6.3	-2.4	-6.0	-2.4	1.9	-2.1	-1.2
1.8	4.0	3.3	3.9	3.4	3.0	3.1	3.2	2.5	-0.6	-0.1	0.1	0.1	2.1	1.4	2.1
0.2	3.7	4.0	3.2	2.3	2.5	2.1	2.1	1.7	0.9	0.7	0.1	1.4	1.7	1.3	-0.1
1.2	3.7	4.1	3.7	3.3	3.4	3.2	3.3	2.3	-0.2	0.9	1.5	1.4	1.3	1.8	4.5
5.8	8.8	8.8	8.9	8.3	7.3	7.5	7.6	6.4	-2.5	-2.3	-3.0	-3.3	3.4	3.2	0.8
1.2	2.4	2.1	1.7	2.6	2.6	2.5	2.6	2.5	-0.7	-0.7	-1.6	-1.4	-0.1	-0.9	-0.4
3.3	2.6	1.7	7.0	5.3	5.9	5.5	5.6	4.5	3.2	3.4	1.5	4.5	2.9	1.1	1.9
0.5	4.1	1.7	1.0	2.7	1.1	1.4	1.8	1.5	-0.1	0.3	-0.2	0.2	-1.1	-1.1	-0.1
5.2	7.7	-0.7	2.5	3.2	3.3	2.9	3.0	2.4	0.8	0.4	0.1	-2.4	0.8	-2.0	-1.0
-0.8	0.7	1.8	2.6	1.1	0.2	0.6	0.7	0.5	-1.0	-0.1	1.0	2.2	3.6	2.2	2.9
2.3	2.4	2.6	2.4	2.2	2.1	2.1	2.2	1.6	-1.3	-0.4	-0.6	-0.04	2.2	1.2	1.8

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NOTA TEKNIKAL

TECHNICAL NOTES



3

PENGENALAN

Penerbitan ini membentangkan statistik produktiviti buruh suku tahunan bagi tempoh suku pertama 2017 hingga suku keempat 2021 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*.

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.

KONSEP DAN DEFINISI

Konsep produktiviti boleh didefinisikan nisbah output (barangan dan perkhidmatan) kepada input (jumlah jam bekerja dan pekerja). 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 selari dengan keperluan Rancangan Malaysia Kesebelas.

PRODUKTIVITI BURUH

Produktiviti buruh merujuk kepada kecekapan dan keberkesanan setiap pekerja untuk menjana nilai ditambah atau output keseluruhan. Ia dikira menggunakan nisbah nilai ditambah kepada jumlah jam bekerja atau pekerja mengikut sektor di Malaysia. Faktor-faktor lain yang mempengaruhi nilai ditambah seperti aset dan teknologi tidak boleh diukur melalui kaedah ini.



Produktiviti Buruh per jam bekerja

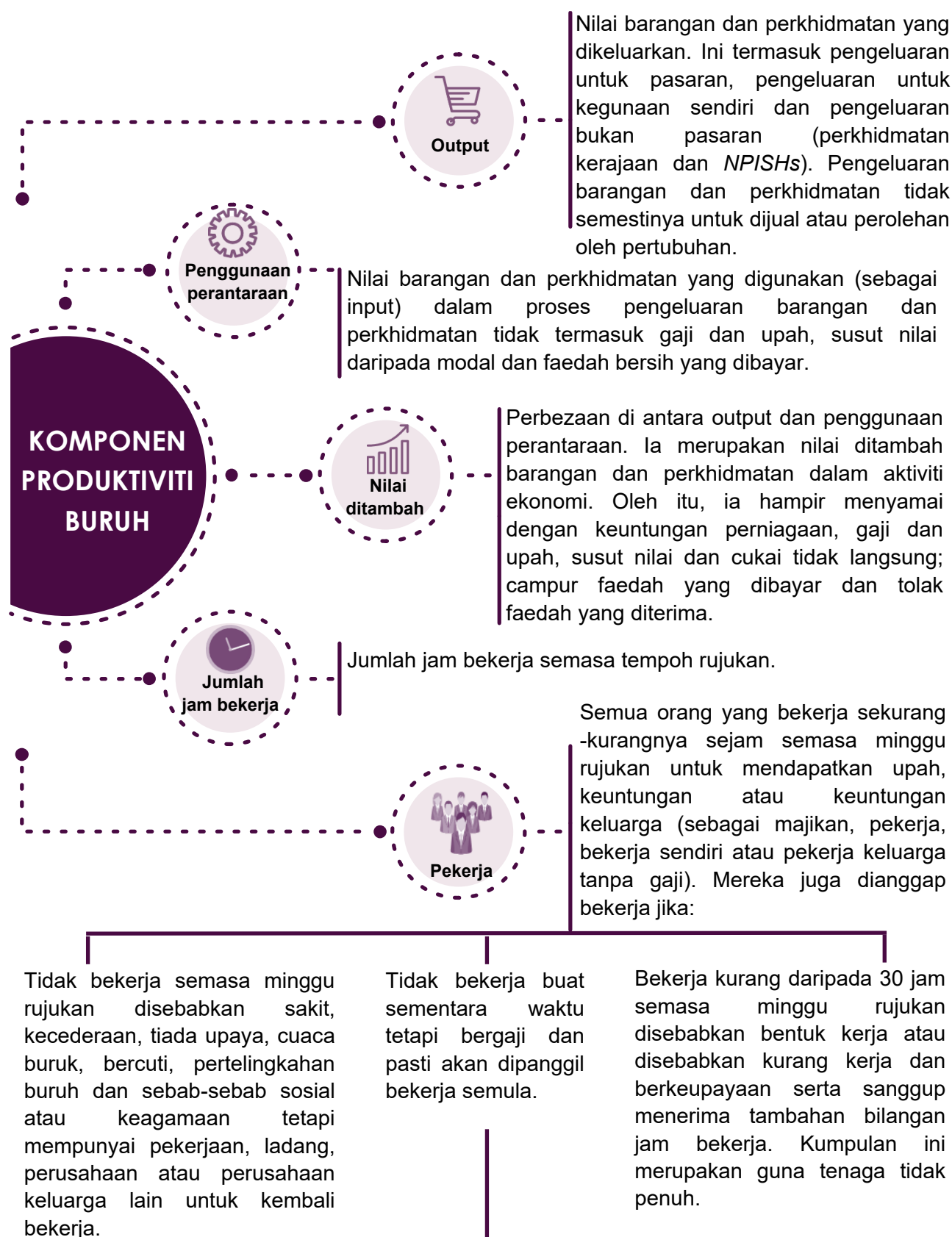
$$= \frac{\text{Nilai ditambah}}{\text{Jumlah jam bekerja}}$$



Produktiviti Buruh per pekerja

$$= \frac{\text{Nilai ditambah}}{\text{Jumlah pekerja}}$$

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 perubahan peratus bagi tujuan analisis. **Nilai produktiviti buruh dalam penerbitan ini adalah bagi rujukan sahaja dan sebarang analisis perbandingan perlu dibuat secara berhati-hati.**



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**.

KAEDAH AM PENGANGGARAN PRODUKTIVITI BURUH

Penganggaran produktiviti buruh suku tahunan diukur menggunakan kaedah Produktiviti Faktor Tunggal. Anggaran ini dibuat berdasarkan maklumat nilai ditambah dengan jumlah jam bekerja dan pekerja mengikut industri. Nilai ditambah yang digunakan adalah nilai pada harga malar di mana ia merujuk kepada nilai barangan dan perkhidmatan pada harga asas tahun 2015. Sementara itu, jumlah jam bekerja ialah agregat sebenar jam bekerja pada tempoh rujukan bagi pekerja dan bekerja sendiri. Pekerja merujuk kepada keseluruhan pekerja pada tempoh rujukan.

Kaedah penganggaran data pekerja adalah berdasarkan penyesuaian maklumat isi rumah Statistik Tenaga Buruh dan Statistik Guna Tenaga Sektor Informal dan maklumat pertumbuhan daripada Perangkaan Pembuatan Bulanan, Statistik Perkhidmatan Suku Tahunan, Statistik Guna Tenaga Suku Tahunan, Banci Ekonomi dan Statistik Ekonomi Tahunan.

Produktiviti buruh diperoleh daripada nisbah di antara nilai ditambah pada harga malar dengan jumlah jam bekerja atau pekerja. Maklumat tambahan berkaitan penganggaran produktiviti buruh boleh diperoleh dari www.dosm.gov.my.

PRODUKTIVITI BURUH, NILAI DITAMBAH PER JAM BEKERJA

Produktiviti buruh per jam bekerja ditakrifkan sebagai nisbah output (barangan dan perkhidmatan) kepada input (jumlah jam bekerja). Produktiviti buruh per jumlah jam bekerja mencerminkan jumlah output yang dihasilkan dalam tempoh sejam berdasarkan kategori pekerja sama ada sepenuh masa, separuh masa atau bekerja sendiri. Berdasarkan manual *Measuring Productivity* oleh OECD, pengukuran input produktiviti faktor tunggal yang paling sesuai adalah berasaskan jumlah jam bekerja.

$$\text{Jumlah jam bekerja} = \text{Purata jam bekerja} \times \text{Pekerja}$$

Purata jam bekerja ditakrifkan sebagai jumlah jam bekerja bagi seorang pekerja. Pekerja merujuk kepada jumlah keseluruhan pekerja pada akhir tempoh rujukan tidak termasuk pekerja yang tidak bekerja semasa tempoh rujukan disebabkan sakit, kecederaan, ketidakupayaan, cuaca buruk, cuti, pertikaian buruh dan sebab sosial/ agama. Jumlah jam bekerja untuk keseluruhan pekerja pada tempoh rujukan iaitu agregat jam bekerja sebenar bagi tempoh satu suku tahunan ialah hasil darab pekerja dengan purata jam bekerja seminggu yang kemudiannya didarabkan dengan 13 minggu.

PRODUKTIVITI BURUH, NILAI DITAMBAH PER PEKERJA

Produktiviti buruh mengikut pekerja diukur sebagai nisbah output (barangan dan perkhidmatan) kepada input (pekerja). Pekerja merujuk kepada semua orang yang bekerja untuk upah atau keuntungan (atau bayaran bukan tunai) dan orang yang tidak hadir bekerja untuk sementara waktu kerana sakit, bersalin, cuti, latihan atau kerana pertikaian buruh; dan pekerja keluarga tanpa gaji yang bekerja sekurang-kurangnya selama satu jam dalam seminggu.

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 dikenalpasti 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.

KONSEP DAN DEFINISI

9 subsektor keutamaan telah dikenal pasti antaranya peruncitan dan makanan & minuman; elektrik dan elektronik; kimia dan produk kimia; agro-makanan; perkhidmatan profesional; pelancongan; teknologi, maklumat dan komunikasi; mesin dan peralatan; dan penjagaan kesihatan swasta. 9 subsektor ini dipilih kerana telah menyumbang 30 peratus kepada Keluaran Dalam Negeri Kasar (KDNK) Malaysia dan 40 peratus kepada jumlah pekerja.

Subsektor ini diberi keutamaan berdasarkan kriteria berikut:

- Jumlah sumbangan kepada KDNK
- Jumlah sumbangan kepada tenaga buruh
- Peluang untuk penambahbaikan produktiviti
- Kesan pengganda yang tinggi
- Ketersediaan untuk melaksanakan penambahbaikan dalam produktiviti

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



Peruncitan dan makanan & minuman



Perkhidmatan profesional



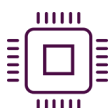
Teknologi, maklumat dan komunikasi



Penjagaan kesihatan swasta



Pelancongan



Elektrik dan elektronik



Mesin dan peralatan



Kimia dan produk kimia



Agro-makanan

SKOP DAN LIPUTAN

Produktiviti buruh disusun mengikut jenis aktiviti ekonomi berasaskan Piawaian Klasifikasi Industri Malaysia 2008 Ver. 1.0.

SUMBER DATA

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

Keluaran Dalam Negeri Kasar		Statistik Guna Tenaga Suku Tahunan		Perangkaan Pembuatan Bulanan		Banci Ekonomi	
	Statistik Tenaga Buruh		Statistik Guna Tenaga Sektor Informal		Statistik Perkhidmatan Suku Tahunan		Statistik Ekonomi Tahunan

PEMBUNDARAN

Perjumlahan komponen mungkin berbeza dengan angka jumlah besar disebabkan pembundaran.

SIMBOL DAN SINGKATAN

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

PENERBITAN DAN SEMAKAN STATISTIK

Statistik produktiviti buruh bermula dari suku pertama 2017 hingga suku keempat 2021 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 statistik produktiviti buruh adalah tertakluk kepada semakan statistik nilai ditambah, jam bekerja dan pekerja.

INTRODUCTION

This publication presents the quarterly statistics of labour productivity for the period of the first quarter of 2017 to the fourth quarter of 2021 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.

Measuring labour productivity per hours worked provides a better picture of productivity developments in the economy against labour productivity per employment, as it eliminates differences in the full time/part time composition of the workers.

CONCEPT AND DEFINITION

The concept of productivity can be defined as output (goods and services) ratio to input (total hours worked and employment). 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.

LABOUR PRODUCTIVITY

Labour productivity refers to the efficiency and effectiveness of each employee to generate value added or overall output. It is calculated by using the ratio of value added to the total hours worked or employment by sector in Malaysia. Other factors that influenced value added such as assets and technologies cannot be measured through this method.



**Labour Productivity
per hours worked**

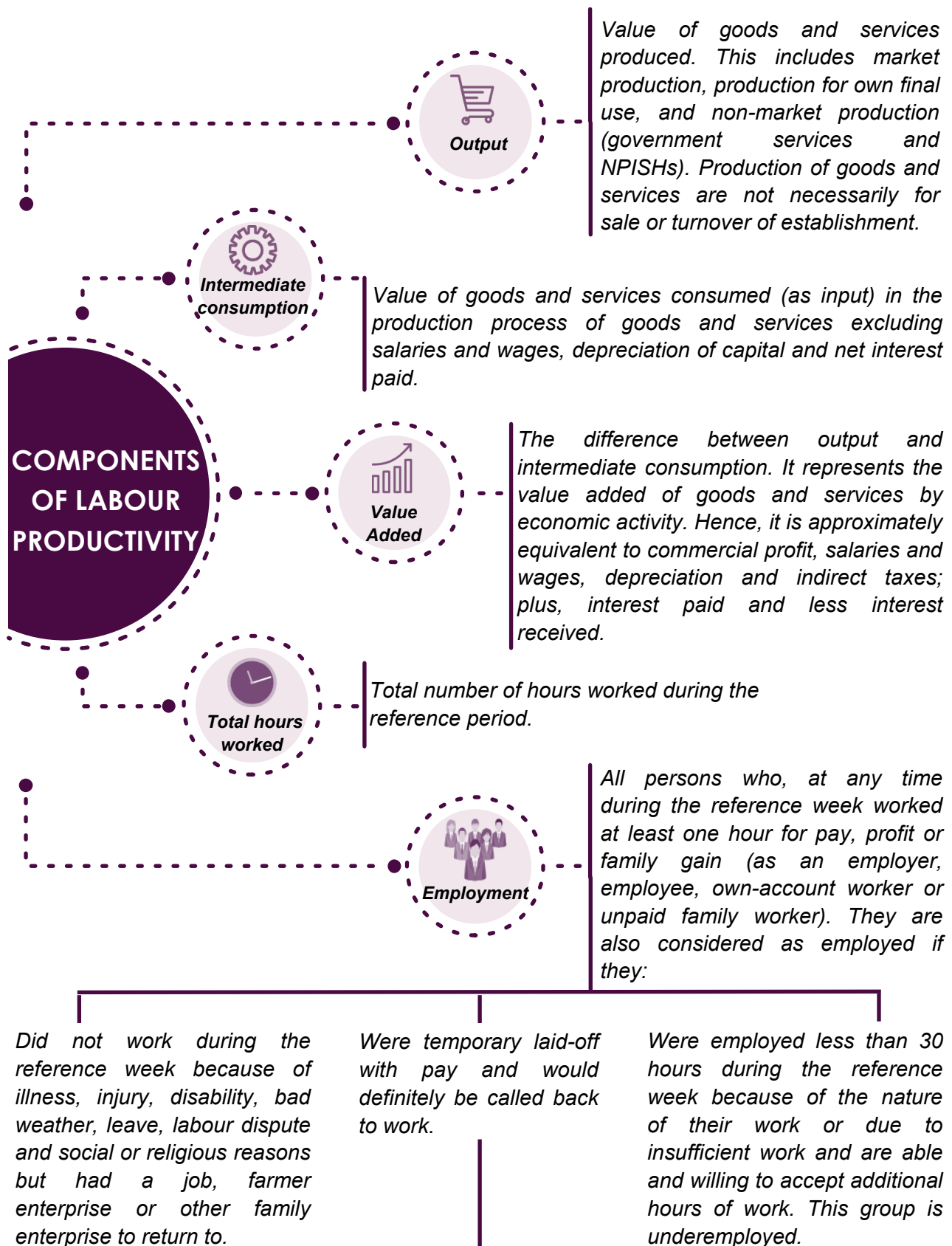
$$= \frac{\text{Value added}}{\text{Total hours worked}}$$



**Labour Productivity
per employment**

$$= \frac{\text{Value added}}{\text{Total employment}}$$

*The use of the Single Factor Productivity method affect 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 is for reference only and any comparative analysis should be made with caution.***



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**.

GENERAL APPROACH OF LABOUR PRODUCTIVITY ESTIMATION

Quarterly labour productivity estimation is measured using the Single Factor Productivity method. This estimates is based on information of value added with total hours worked and total employment by industry. The value added used at constant prices where it refers to the value of goods and services at 2015 prices. Meanwhile, total hours worked are the aggregate number of hours actually worked during the period in employees and self-employment jobs. Total employment refers to the overall number of employees in the reference period.

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.

Labour productivity is derived from the ratio of the value added at constant prices with the total hours worked and total employment. Additional information regarding labour productivity estimation can be obtained from www.dosm.gov.my.

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. Based on the Measuring Productivity manual by the OECD, the most appropriate single factor productivity input measurement is based on the number of hours worked.

$$\text{Total hours worked} = \text{Average hours worked} \times \text{Employment}$$

Average hours worked is defined as the total number of hours worked divided by the number of people in employment. Employment refers to the overall number of employees at the end of the reference period excluding the employees who did not work during the reference period because of illness, injury, disability, bad weather, leave, labour dispute and social/ religion reason. Total hours worked for all employment during the reference period are the aggregate number of hours actually worked for a quarter which is the result of multiplying employment with the average weekly hours times 13 weeks.

LABOUR PRODUCTIVITY, VALUE ADDED PER EMPLOYMENT

Labour productivity per employment is measured as output (goods and services) per input ratio (employment). Employment included 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.

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.

CONCEPT AND DEFINITION

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:

- Contribution to GDP
- Share of workforce
- Opportunity for productivity improvement
- High multiplier effect
- Readiness to implement productivity improvement

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



Retail and food & beverages (F&B)



Professional services



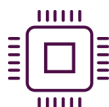
Information, communication and technology (ICT)



Private healthcare



Tourism



Electrical and electronics (E&E)



Machinery and equipment



Chemical and chemical products



Agro-food

SCOPE AND COVERAGE

Labour productivity is compiled by kind of economic activity based on Malaysia Standard Industrial Classification 2008 Ver. 1.0.

DATA SOURCES

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

Gross Domestic		Quarterly Employment		Monthly Manufacturing		Economic Census	
	Labour Force Statistics		Informal Sector Workforce		Quarterly Services Statistics		Annual Economic Statistics

ROUNDING

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

SYMBOLS AND ABBREVIATIONS

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

PUBLICATION AND REVISION OF STATISTICS

Labour productivity statistics from the first quarter 2017 to fourth quarter 2021 are compiled based on estimates of Gross Domestic Product, hours worked and employment. Statistics of value added has been revised based on the GDP base year 2015. 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.

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