



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

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AKAUN NEGARA
NATIONAL ACCOUNTS

**KELUARAN DALAM
NEGERI KASAR**
GROSS DOMESTIC PRODUCT

SUKU KETIGA
THIRD QUARTER **2023**

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA



**KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA**

KELUARAN DALAM NEGERI KASAR SUKU TAHUNAN

QUARTERLY GROSS DOMESTIC PRODUCT

Suku Ketiga **2023**
Third Quarter

Dikeluarkan pada: **17 November 2023**
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Pemakluman

DOSM telah melancarkan OpenDOSM NextGen sebagai medium yang menyediakan katalog data dan visualisasi bagi memudahkan pengguna menganalisis pelbagai data. OpenDOSM NextGen ialah platform perkongsian data sumber terbuka dan boleh diakses melalui portal <https://open.dosm.gov.my>.

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

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

Announcement

DOSM has launched OpenDOSM NextGen as a medium that provides a catalogue of data and visualisation to facilitate users in analysing various data. OpenDOSM NextGen is an open source data sharing platform and accessible through <https://open.dosm.gov.my> portal.

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

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

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Tiada bahagian daripada terbitan ini boleh diterbitkan semula, disimpan untuk pengeluaran atau ditukar dalam apa-apa bentuk atau alat apa jua pun kecuali setelah mendapat kebenaran daripada Jabatan Perangkaan Malaysia. Pengguna yang mengeluarkan sebarang maklumat dari terbitan ini sama ada yang asal atau diolah semula hendaklah meletakkan kenyataan berikut:

“Sumber: Jabatan Perangkaan Malaysia”.

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KATA PENGANTAR

Penerbitan Keluaran Dalam Negeri Kasar (KDNK), Malaysia membentangkan anggaran suku tahunan Akaun pengeluaran dan perbelanjaan negara bagi suku ketiga 2023. Anggaran suku tahunan bagi tempoh 2020 hingga 2022 juga diliputi dalam penerbitan ini. Laporan ini merangkumi anggaran statistik akaun negara suku tahunan mengikut aktiviti ekonomi dan jenis perbelanjaan pada harga semasa dan harga malar tahun asas 2015.

Perangkaan suku tahunan ini telah diselaras berdasarkan data muktamad bagi suku pertama hingga suku keempat tahun 2020. Manakala, data suku pertama 2021 hingga suku keempat 2022 telah disemak semula sejajar dengan semakan data tahunan bagi tahun tersebut. Penyusunan KDNK ini telah mengguna pakai saranan daripada Sistem Akaun Negara 2008.

Ringkasan penemuan ekonomi Malaysia bagi suku ketiga 2023 disediakan dalam bahagian pertama penerbitan ini, diikuti dengan siri data KDNK dan nota teknikal untuk rujukan pengguna. Sementara itu, metodologi, sumber data dan glosari berkaitan penerbitan ini boleh diperolehi daripada portal Jabatan.

Jabatan Perangkaan Malaysia (DOSM) merakamkan penghargaan atas kerjasama semua pihak dalam membekalkan data yang diperlukan dan menyumbang kepada kejayaan penerbitan ini. Sebarang maklum balas dan cadangan ke arah penambahbaikan penerbitan ini pada masa hadapan amatlah dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN

Ketua Perangkawan Malaysia

November 2023

PREFACE

The publication of Gross Domestic Product (GDP), Malaysia presents the quarterly estimates of the National production and expenditure accounts for the third quarter of 2023. The quarterly estimates for the years 2020 to 2022 are also included in this publication. This report contains statistics of quarterly national accounts estimates by economic activity and types of expenditure in both the current and constant prices at base year 2015.

The quarterly statistics were realigned based on the finalised data from the first quarter until the fourth quarter of 2020. Meanwhile, data from the first quarter of 2021 until the fourth quarter of 2022 were revised in line with the revision of the annual data for the respective years. The compilation for the GDP are based on recommendations of the System of National Accounts 2008.

The summary of findings of Malaysia's economy for the third quarter 2023 are provided in the first part of this publication, followed by a series of GDP data and technical notes for user's reference. Meanwhile, the methodology, data sources and glossary are accessible from the Department's portal.

The Department of Statistics Malaysia (DOSM) acknowledges the cooperation of all parties that have provided the required data and contributed to the success of this publication. Any feedbacks and suggestions towards improving the future publication is highly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician Malaysia

November 2023

<i>c.i.f</i>	: <i>Cost, insurance and freight</i>
<i>COFC</i>	: <i>Consumption of Fixed Capital</i>
<i>COFOG</i>	: <i>Classification of the Functions of Government</i>
<i>COICOP</i>	: <i>Classification of Individual Consumption by Purpose</i>
<i>CPI</i>	: <i>Consumer Price Index</i>
<i>DOSM</i>	: <i>Department of Statistics, Malaysia</i>
<i>etc.</i>	: <i>Et cetera</i>
<i>f.o.b</i>	: <i>Free on board</i>
<i>FISIM</i>	: <i>Financial Intermediation Services Indirectly Measured</i>
<i>GDP</i>	: <i>Gross Domestic Product</i>
<i>GNI</i>	: <i>Gross National Income</i>
<i>IHP</i>	: Indeks Harga Pengguna
<i>IHPR</i>	: Indeks Harga Pengeluar
<i>KDNK</i>	: Keluaran Dalam Negeri Kasar
<i>MSIC</i>	: <i>Malaysia Standard Industrial Classification</i>
<i>n.a</i>	: <i>Not available</i>
<i>NPISHs</i>	: <i>Non-Profit Institutions Serving Households</i>
<i>PNK</i>	: Pendapatan Negara Kasar
<i>PPI</i>	: <i>Producer Price Index</i>
<i>RM</i>	: Ringgit Malaysia
<i>Q</i>	: <i>Quarter</i>
<i>ST</i>	: Suku Tahun
<i>SUT 2015</i>	: <i>Supply and Use Tables 2015</i>
<i>2008 SNA</i>	: <i>System of National Accounts 2008</i>

SIMBOL/ SYMBOLS

..	: tidak berkenaan/ <i>not applicable</i>
e	: anggaran/ <i>estimate</i>
p	: permulaan/ <i>preliminary</i>

NOTA/ NOTE

Jumlah angka-angka komponen mungkin tidak bersamaan dengan angka jumlah kecil atau jumlah besar disebabkan pembundaran.

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

**JADUAL TARIKH PENGELUARAN PENERBITAN
AKAUN NEGARA
KELUARAN DALAM NEGERI KASAR (KDNK)
SUKU TAHUNAN 2023**
*SCHEDULE OF RELEASE DATES FOR
NATIONAL ACCOUNTS PUBLICATION
GROSS DOMESTIC PRODUCT (GDP)
QUARTERLY 2023*

Suku Tahun Rujukan <i>Reference Quarter</i>	Tarikh Penerbitan <i>Publication Date</i>
Suku Pertama 2023 <i>First Quarter 2023</i>	12 Mei 2023 <i>12 May 2023</i>
Suku Kedua 2023 <i>Second Quarter 2023</i>	18 Ogos 2023 <i>18 August 2023</i>
Suku Ketiga 2023 <i>Third Quarter 2023</i>	17 November 2023 <i>17 November 2023</i>
Suku Keempat 2023 <i>Fourth Quarter 2023</i>	16 Februari 2024 <i>16 February 2024</i>

Kenyataan akhbar dihantar kepada pihak media pada tarikh pengeluaran dengan masa embargo ditetapkan bagi penyiaran. Kenyataan akhbar tersebut disiarkan selepas masa embargo di portal Jabatan Perangkaan Malaysia (<https://www.dosm.gov.my>).

A press statement is issued to the media on the date of release with a specified embargo time for release. The press statement is posted after the embargo time on the portal of the Department of Statistics, Malaysia (<https://www.dosm.gov.my>).

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MALAYSIA: DATA PENTING EKONOMI MAKRO

MACRO ECONOMIC KEY DATA

	2020				2021				2022				2023						
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV			
KDNK pada harga malar 2015 (RM bilion)	1,346.2	1,390.6	1,510.9	344.7	290.7	352.1	358.7	344.0	337.8	337.3	371.6	360.6	367.4	384.9	398.0	381.0	377.9	397.6	GDP at constant 2015 prices (RM bilion)
Pertanian	99.1	99.0	99.1	22.5	24.4	27.9	24.2	22.6	24.1	27.4	25.0	22.6	23.5	27.7	25.2	22.8	23.3	27.9	Agriculture
Perombongan dan pengkuarian	92.9	93.7	96.2	25.5	21.4	22.0	24.0	24.6	24.1	21.2	23.8	24.1	23.7	23.1	25.3	24.7	23.1	23.1	Mining and quarrying
Pembuatan	307.6	336.8	364.1	76.6	64.3	82.4	84.2	81.7	81.5	81.7	91.9	87.2	89.0	92.4	95.5	90.0	89.2	92.3	Manufacturing
Pembinaan	53.6	50.9	53.4	15.4	9.0	14.9	14.3	13.8	12.6	11.8	12.6	12.9	13.0	13.7	13.9	13.9	13.8	14.6	Construction
Perkhidmatan	777.7	794.6	881.3	201.3	168.1	201.0	207.2	197.3	191.4	191.8	214.1	210.0	214.0	223.8	233.5	225.3	224.1	235.1	Services
KDNK pada harga malar 2015 (Perubahan %)	-5.5	3.3	8.7	0.7	-16.9	-2.5	-3.2	-0.2	16.2	-4.2	3.6	4.8	8.8	14.1	7.1	5.6	2.9	3.3	GDP at constant 2015 prices (% change)
Pertanian	-2.4	-0.1	0.1	-8.8	0.6	-0.5	-1.2	0.3	-1.4	-2.1	3.1	0.1	-2.3	1.2	1.1	1.0	-1.0	0.8	Agriculture
Perombongan dan pengkuarian	-9.7	0.9	2.6	-2.9	-19.2	-6.6	-9.8	-3.3	12.6	-3.6	-0.9	-2.2	-1.7	9.1	6.3	2.4	-2.3	-0.1	Mining and quarrying
Pembuatan	-2.7	9.5	8.1	1.3	-18.6	3.2	3.0	6.6	26.7	-0.9	9.2	6.7	9.2	13.1	3.9	3.2	0.1	-0.1	Manufacturing
Pembinaan	-19.3	-5.1	5.0	-7.9	-44.3	-12.2	-13.7	-10.3	40.4	-20.5	-12.0	-6.1	2.5	15.3	10.1	7.4	6.2	7.2	Construction
Perkhidmatan	-5.2	2.2	10.9	3.2	-15.9	-3.6	-4.5	-2.0	13.8	-4.6	3.3	6.4	11.9	16.7	9.1	7.3	4.7	5.0	Services
Permintaan domestik pada harga malar 2015 (RM bilion)	802.7	817.8	909.0	213.3	166.6	214.7	208.3	209.9	185.9	205.9	216.0	221.1	219.9	236.3	231.7	234.1	229.4	247.0	Domestic demand at constant 2015 prices (RM bilion)
Perbelanjaan penggunaan akhir swasta	179.7	191.3	199.9	40.6	39.7	43.6	55.8	43.4	44.2	44.7	58.9	46.4	45.2	47.6	60.7	45.4	46.9	50.3	Private final consumption expenditure
Perbelanjaan penggunaan akhir kerajaan	281.2	279.0	297.8	76.0	61.4	72.9	70.9	73.6	71.4	65.1	68.8	73.7	75.6	73.6	74.9	77.3	79.7	77.4	Government final consumption expenditure
Pembentukan modal tetap kasar																			Gross fixed capital formation
Permintaan domestik pada harga malar 2015 (Perubahan %)	-3.9	1.9	11.2	7.2	-18.2	-1.7	-3.1	-1.6	11.6	-4.1	3.7	5.3	18.3	14.8	7.3	5.9	4.3	4.6	Domestic demand at constant 2015 prices (% change)
Perbelanjaan penggunaan akhir swasta	4.1	6.4	4.5	5.4	0.6	7.9	2.9	7.0	11.3	2.6	5.6	6.9	2.3	6.5	3.0	-2.2	3.8	5.8	Private final consumption expenditure
Perbelanjaan penggunaan akhir kerajaan	-14.4	-0.8	6.8	-4.4	-29.0	-11.4	-11.7	-3.2	16.4	-10.7	-2.9	0.1	5.8	13.1	8.8	4.9	5.5	5.1	Government final consumption expenditure
Pembentukan modal tetap kasar																			Gross fixed capital formation
Eksport, import dan imbalan perdagangan (RM bilion)	983.8	1,241.0	1,550.0	239.1	210.6	262.3	271.8	282.7	303.3	303.4	351.6	344.3	392.3	420.1	393.3	354.6	348.7	356.3	Exports, imports and balance of trade (RM bilion)
Ekspor (f.o.b.)	800.5	987.3	1,293.8	203.1	185.3	200.4	211.7	223.6	247.0	242.5	274.2	280.7	333.0	355.1	329.2	290.2	294.8	297.3	Exports (f.o.b.)
Import (c.i.f.)	183.3	253.7	256.2	36.0	25.3	62.0	60.1	59.1	56.3	60.9	77.4	63.6	59.4	65.0	68.2	64.4	53.9	59.1	Imports (c.i.f.)
Imbalan perdagangan																			Balance of trade
Imbalan pembayaran (RM bilion)	137.5	177.6	186.0	27.9	23.7	43.1	42.8	37.0	40.5	44.9	55.2	44.2	36.9	47.3	57.7	39.9	29.5	32.7	Balance of payments (RM bilion)
Imbalan barangan	-78.4	-117.5	-130.9	-19.8	-18.1	-16.6	-23.9	-25.0	-28.0	-25.3	-39.2	-38.5	-34.0	-28.3	-30.2	-35.6	-20.4	-23.5	Balance on goods
Imbalan tidak ketara	59.1	60.2	55.1	8.1	5.6	26.5	18.9	12.0	12.5	19.7	16.1	5.7	2.9	19.0	27.5	4.3	9.1	9.1	Balance on invisibles
Imbalan akaun semasa																			Balance on current account
PNK pada harga semasa (RM bilion)	1,390.0	1,506.7	1,731.9	360.1	299.3	358.5	372.0	364.9	363.1	374.0	404.8	405.0	428.3	442.7	455.9	427.2	433.0	451.7	GNI at current prices (RM bilion)
PNK pada harga semasa (Perubahan %)	-5.7	8.4	14.9	1.9	-18.3	-3.8	-2.3	1.3	21.3	4.3	8.8	11.0	18.0	18.4	12.6	5.5	1.1	2.0	GNI at current prices (% change)
PNK pada harga malar 2015 (RM bilion)	1,332.5	1,371.1	1,479.6	340.9	290.4	346.2	355.0	340.8	331.1	337.2	360.7	348.9	358.5	377.6	393.3	370.4	376.9	393.4	GNI at constant 2015 prices (RM bilion)
PNK pada harga malar 2015 (Perubahan %)	-5.0	2.9	7.9	1.1	-16.7	-2.8	-1.5	0.0	14.0	-2.6	1.6	2.4	8.3	12.0	9.1	6.2	5.1	4.2	GNI at constant 2015 prices (% change)
Tabungan negara kasar (RM bilion)	337.9	402.6	476.2	80.8	77.6	90.1	89.3	87.3	111.3	98.4	105.6	107.5	130.2	118.5	120.0	104.5	118.3	107.9	Gross national savings (RM bilion)
Tabungan negara kasar (% dari PNK)	24.3	26.7	27.5	22.4	25.9	25.1	24.0	23.9	30.7	26.3	26.1	26.5	30.4	26.8	26.3	24.5	27.3	23.9	Gross national savings (% of GNI)
Indeks Harga Pengguna (2010=100) (Perubahan %)	-1.2	2.5	3.3	0.9	-2.6	-1.4	-1.5	0.5	4.1	2.2	3.2	2.2	2.8	4.5	3.9	3.6	2.8	2.0	Consumer Price Index (2010=100) (% change)
Semua kumpulan	1.3	1.7	5.8	1.0	1.4	1.4	1.4	1.5	1.6	1.4	2.6	3.8	5.1	7.0	7.1	6.9	5.6	4.1	All groups
Makanan dan minuman bukan alkohol	-1.7	1.5	1.8	1.7	-2.6	-2.9	-3.1	-0.8	3.2	0.7	3.3	0.8	1.1	4.0	1.5	1.6	1.7	1.8	Food and non-alcoholic beverages
Perumahan, air, elektrik, gas dan bahan api lain	-10.0	11.0	4.7	-0.9	-18.8	-10.0	-9.8	0.5	23.0	11.2	11.1	4.2	4.1	5.4	5.0	3.4	1.1	-0.2	Housing, water, electricity, gas and other fuels
Pengangkutan																			Transport
Indeks Harga Pengeluaran (2010=100) (Perubahan %)	-2.7	9.5	7.8	0.6	-4.9	-3.4	-2.9	3.0	11.3	11.8	11.9	10.2	11.1	6.5	3.5	-0.8	-4.1	-1.4	Producer Price Index (2010=100) (% change)
Pengeluaran tempatan																			Local production
Indeks Pengeluaran Perindustrian (2015=100) (Perubahan %)	-4.1	7.4	6.7	0.4	-17.5	1.1	-0.2	4.1	22.5	-1.2	6.9	4.2	6.7	12.2	4.0	2.9	-0.3	0.0	Industrial Production Index (2015=100) (% change)
Semua bahagian	-8.9	1.5	2.2	-2.1	-18.1	-5.2	-10.0	-3.3	14.8	-3.0	-1.1	-2.5	-2.2	8.6	6.1	2.1	-2.8	-0.4	All divisions
Perombongan	-2.7	9.5	8.2	1.3	-18.1	3.1	2.8	6.8	26.3	-0.7	9.2	6.3	9.3	13.4	4.0	3.4	0.1	-0.1	Mining
Pembuatan	-3.5	2.5	3.6	-0.6	-10.6	-2.5	-0.3	-0.1	8.6	-2.8	4.8	2.0	5.8	8.7	-1.7	0.3	2.8	2.0	Manufacturing
Elektrik																			Electricity
Indeks Volum Perkhidmatan (2015=100) (Perubahan %)	-7.9	1.6	14.4	2.3	-21.5	-5.6	-6.9	-3.5	17.7	-7.5	3.0	7.1	16.7	23.1	11.7	8.8	4.6	4.4	Volume Index of Services (2015=100) (% change)
Tenaga buruh (Juta orang)	15.7	15.8	16.0	15.8	15.7	15.8	15.9	16.0	16.0	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	Labour force (Million persons)
Kadar pengangguran (%)	4.5	4.6	3.9	3.5	5.1	4.7	4.8	4.8	4.8	4.7	4.3	4.1	3.9	3.7	3.6	3.5	3.5	3.4	Unemployment rate (%)

Nota: Perubahan % adalah tahun ke tahun

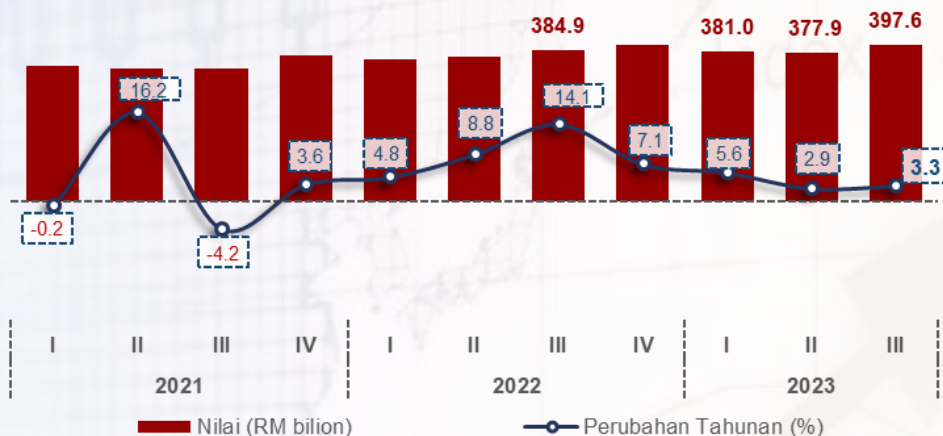
Note: % change is year on year



KELUARAN DALAM NEGERI KASAR (KDNK), ST3 2023

Ekonomi Malaysia meningkat 3.3 peratus selepas mencatatkan 2.9 peratus pada suku tahun sebelumnya

KDNK Suku Tahunan Malaysia ST1 2021 – ST3 2023



Kadar Pertumbuhan

KDNK
3.3%

(ST2 2023: 2.9%)

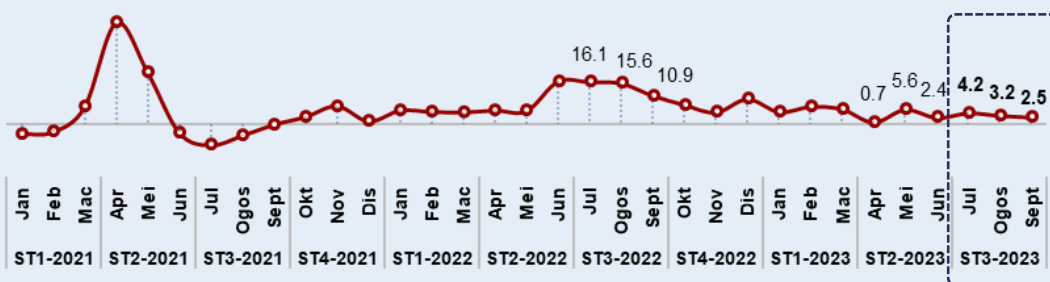
Nilai KDNK
ST3 2023

RM397.6b

ST2 2023
RM377.9b

ST3 2022
RM384.9b

KDNK Bulanan – Kadar Pertumbuhan, YoY (%)



Prestasi

Julai – September 2023

Julai ↑ 4.2%

Ogos ↑ 3.2%

September ↑ 2.5%

PRESTASI EKONOMI MENGIKUT SEKTOR & PERBELANJAAN

Nota:

- Tidak termasuk duti import
- % perubahan merujuk kepada tahun ke tahun
- ST3 2023 ■ ST2 2023

SEKTOR

PERBELANJAAN



Perkhidmatan

5.0%

4.7%

Sumbangan:
59.1%

4.6%

4.3%

Perbelanjaan Penggunaan
Akhir Swasta



Pembuatan

-0.1%

0.1%

Sumbangan:
23.2%

5.1%

5.5%

Pembentukan Modal
Tetap Kasar



Pertanian

0.8%

-1.0%

Sumbangan:
7.0%

5.8%

3.8%

Perbelanjaan Penggunaan
Akhir Kerajaan



Perlombongan &
pengkuarian

-0.1%

-2.3%

Sumbangan:
5.8%

-12.0%

-9.4%

Eksport



Pembinaan

7.2%

6.2%

Sumbangan:
3.7%

-11.1%

-9.7%

Import



Sumber: Akaun Negara, Keluaran Dalam Negeri Kasar, Jabatan Perangkaan Malaysia (DOSM)

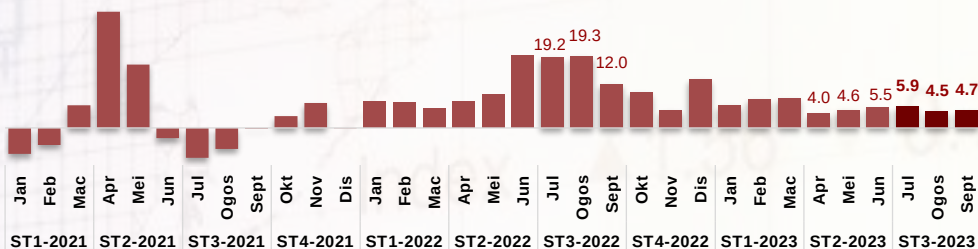


KDNK BULANAN MENGIKUT SEKTOR

PERKHIDMATAN



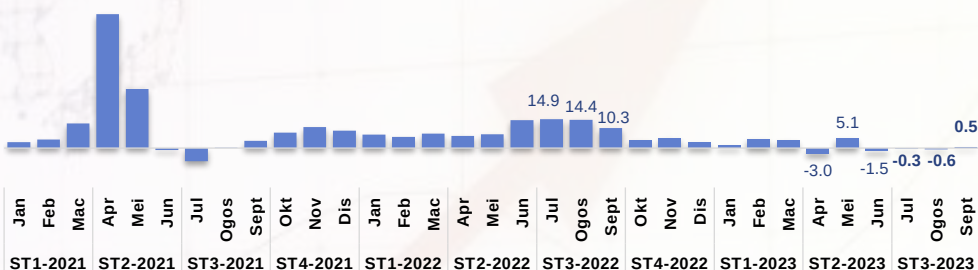
Julai : 5.9%
Ogos : 4.5%
Sept. : 4.7%



PEMBUATAN



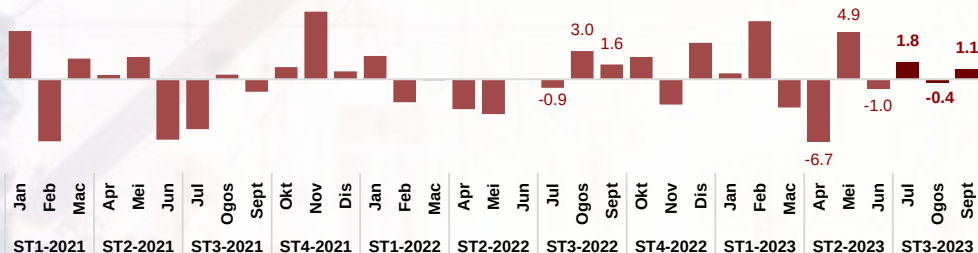
Julai : -0.3%
Ogos : -0.6%
Sept. : 0.5%



PERTANIAN



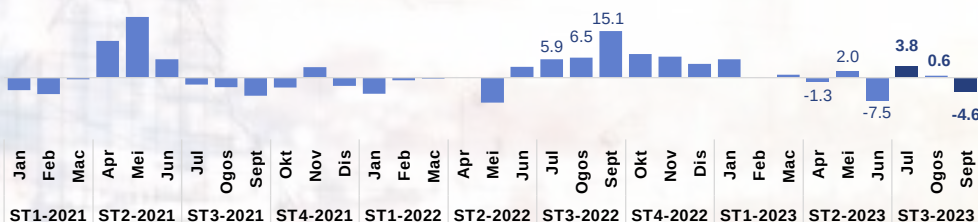
Julai : 1.8%
Ogos : -0.4%
Sept. : 1.1%



PERLOMBONGAN & PENGKUARIAN



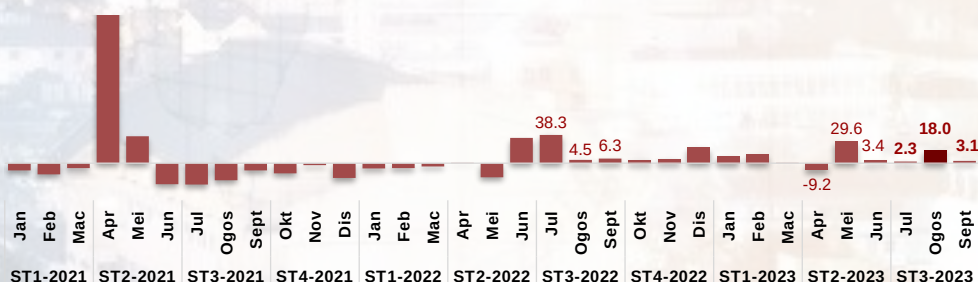
Julai : 3.8%
Ogos : 0.6%
Sept. : -4.6%



PEMBINAAN



Julai : 2.3%
Ogos : 18.0%
Sept. : 3.1%

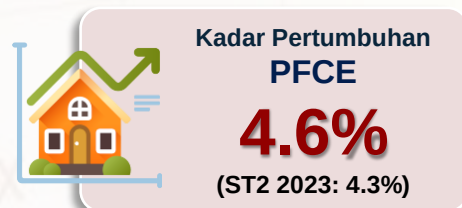
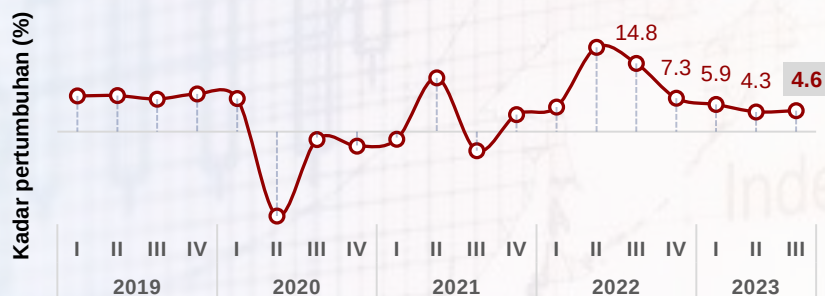


Nota: % perubahan merujuk kepada tahun ke tahun

Sumber: Akaun Negara, Keluaran Dalam Negeri Kasar, Jabatan Perangkaan Malaysia (DOSM)

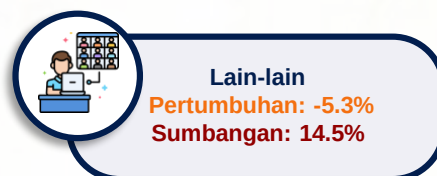
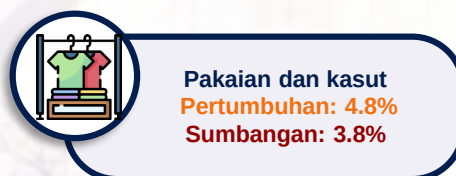
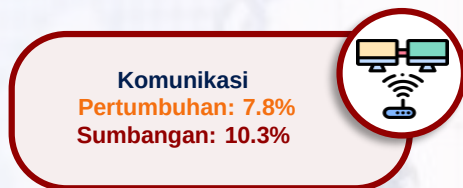
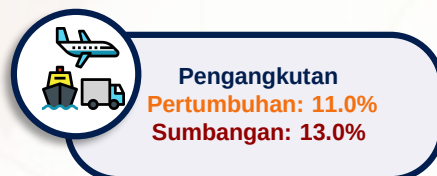
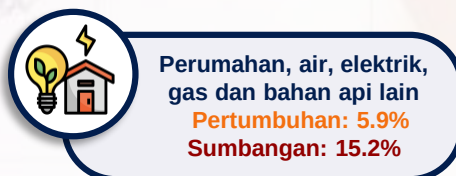
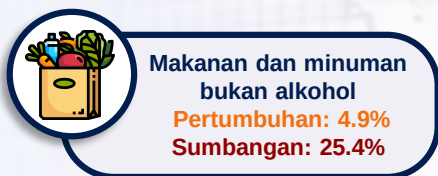


PERBELANJAAN PENGGUNAAN AKHIR SWASTA (PFCE)

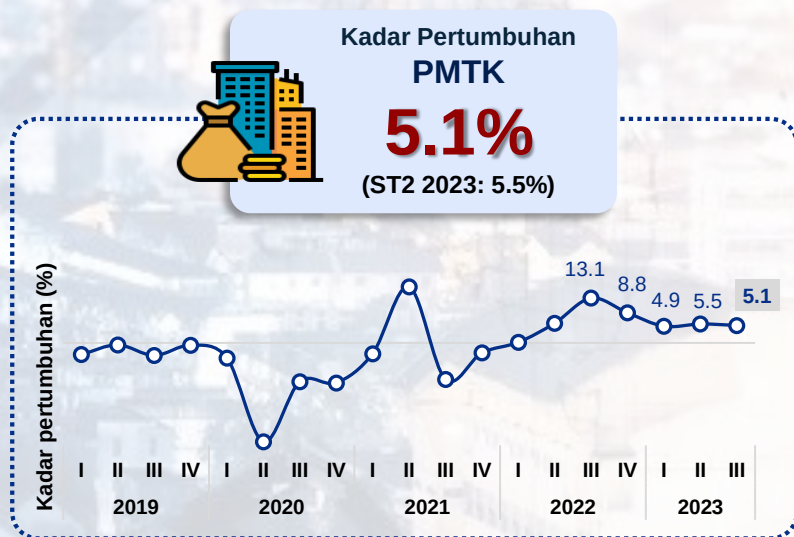


Nota: - % perubahan merujuk kepada tahun ke tahun
- Sumbangan kepada jumlah PFCE

PFCE MENGIKUT KOMPONEN UTAMA

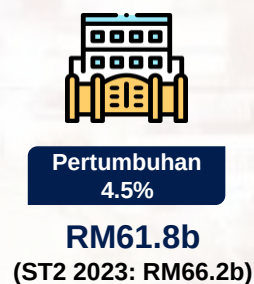


PEMBENTUKAN MODAL TETAP KASAR (PMTK) MENGIKUT SEKTOR

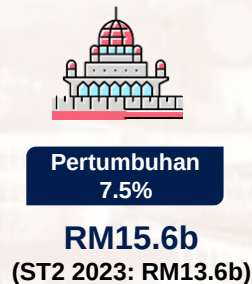


Nota: % perubahan merujuk kepada tahun ke tahun

Sektor Swasta



Sektor Awam





PRESTASI KDNK BAGI NEGARA TERPILIH

KDNK Kadar Pertumbuhan YoY (%)	2021	2022	2022				2023		
			ST1	ST2	ST3	ST4	ST1	ST2	ST3
NEGARA ASEAN									
 Malaysia	3.3	8.7	4.8	8.8	14.1	7.1	5.6	2.9	3.3
 Singapura	8.9	3.6	4.0	4.5	4.0	2.1	0.4	0.5	0.7
 Indonesia	3.7	5.3	5.0	5.5	5.7	5.0	5.0	5.2	4.9
 Filipina	5.7	7.6	8.0	7.5	7.7	7.1	6.4	4.3	5.9
NEGARA LAIN									
 Amerika Syarikat	5.8	1.9	3.6	1.9	1.7	0.7	1.7	2.4	2.9
 Kesatuan Eropah	6.0	3.4	5.6	4.2	2.5	1.7	1.1	0.4	0.1
 Sepanyol	6.4	5.8	6.8	7.2	5.4	3.8	4.1	2.0	1.8
 Itali	8.3	3.7	6.3	5.1	2.6	1.6	2.1	0.3	0.0
 Perancis	6.4	2.5	4.3	3.9	1.3	0.8	1.0	1.1	0.7
 United Kingdom	8.7	4.3	11.4	3.9	2.1	0.7	0.5	0.6	0.6
 Republik Rakyat China	8.4	3.0	4.8	0.4	3.9	2.9	4.5	6.3	4.9
 Republik Korea	4.3	2.6	3.1	2.9	3.2	1.4	0.9	0.9	1.4

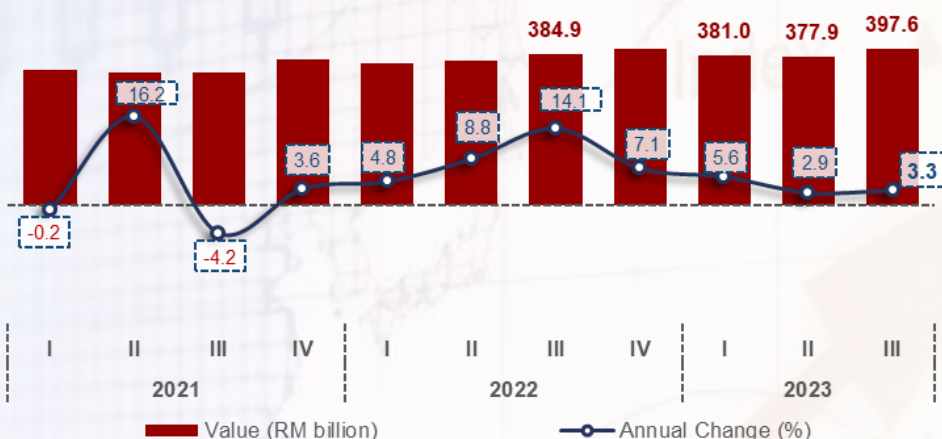
Sumber: Laman web rasmi Agensi Statistik Negara Terpilih



GROSS DOMESTIC PRODUCT (GDP), Q3 2023

Malaysia's economy rose 3.3 per cent after recorded 2.9 per cent in the last quarter

Malaysia's Quarterly GDP for Q1 2021 – Q3 2023

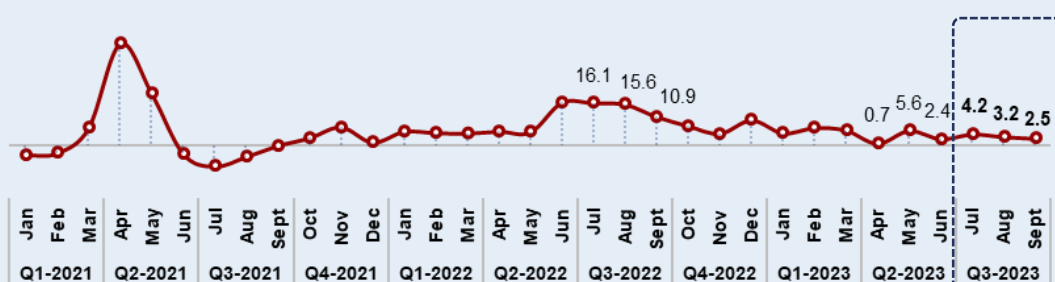


GDP
Growth Rate
3.3%
(Q2 2023: 2.9%)

GDP Value
Q3 2023
RM397.6b

Q2 2023 RM377.9b | Q3 2022 RM384.9b

Monthly GDP – Growth Rate, YoY (%)



Performance
July – September 2023

July ↑ 4.2%

August ↑ 3.2%

September ↑ 2.5%

ECONOMIC PERFORMANCE BY SECTOR & EXPENDITURE

Notes:
i. Exclude Import duties
ii. % changes refer to year-on-year
iii. ■ Q3 2023 ■ Q2 2023

		SECTOR		EXPENDITURE	
	Services	5.0%	4.7%	Share: 59.1%	Private Final Consumption Expenditure
	Manufacturing	-0.1%	0.1%	Share: 23.2%	Gross Fixed Capital Formation
	Agriculture	0.8%	-1.0%	Share: 7.0%	Government Final Consumption Expenditure
	Mining & quarrying	-0.1%	-2.3%	Share: 5.8%	Exports
	Construction	7.2%	6.2%	Share: 3.7%	Imports

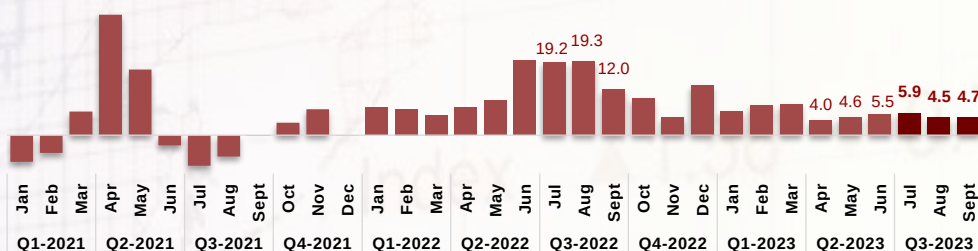


MONTHLY GDP BY SECTOR

SERVICES



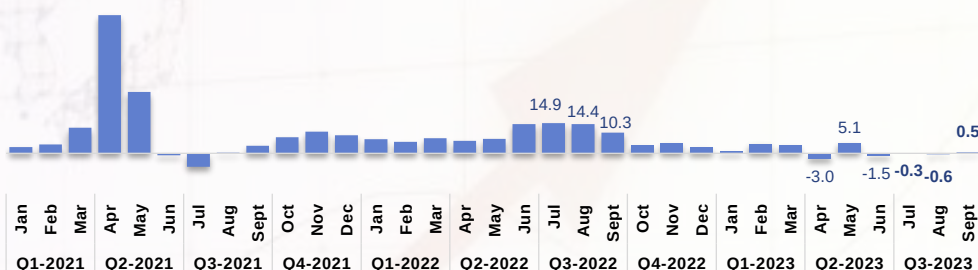
Jul. : 5.9%
Aug. : 4.5%
Sept. : 4.7%



MANUFACTURING



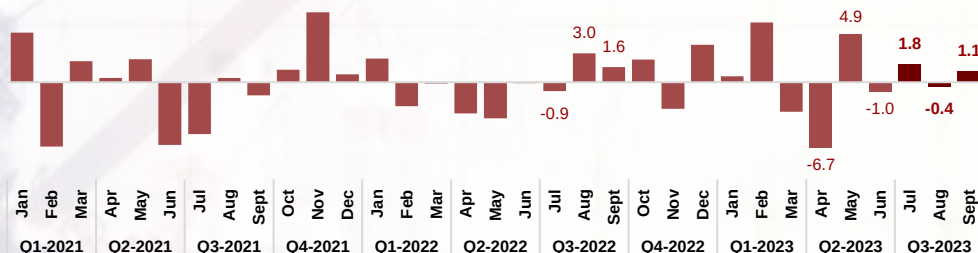
Jul. : -0.3%
Aug. : -0.6%
Sept. : 0.5%



AGRICULTURE



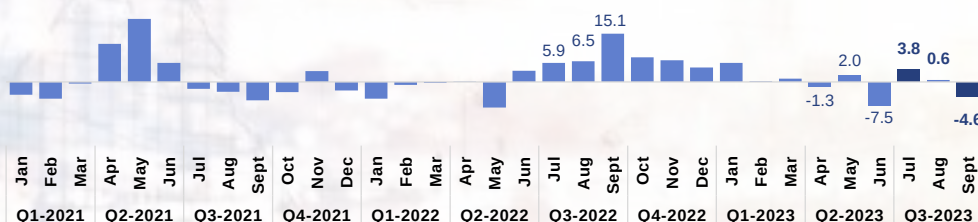
Jul. : 1.8%
Aug. : -0.4%
Sept. : 1.1%



MINING & QUARRYING



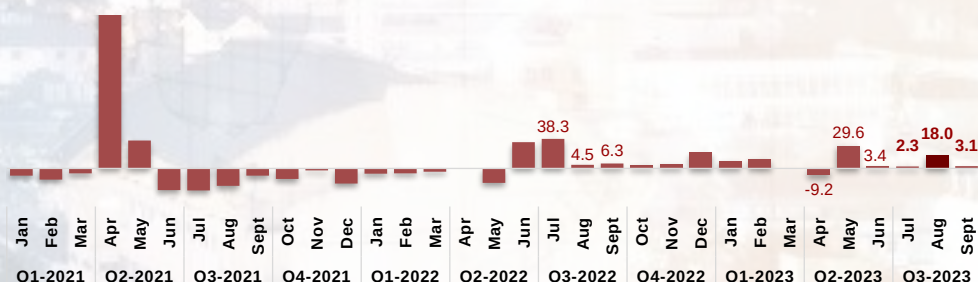
Jul. : 3.8%
Aug. : 0.6%
Sept. : -4.6%



CONSTRUCTION



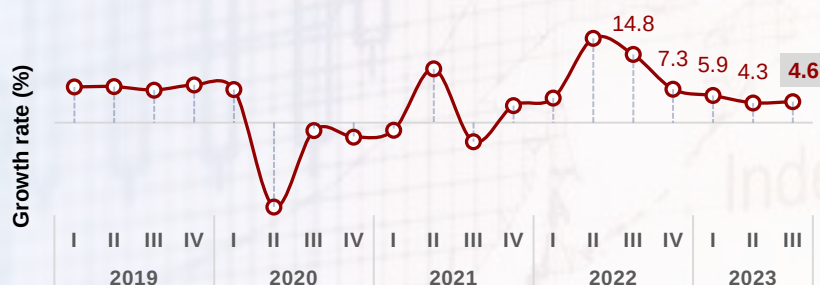
Jul. : 2.3%
Aug. : 18.0%
Sept. : 3.1%



Note: % changes refer to year-on-year

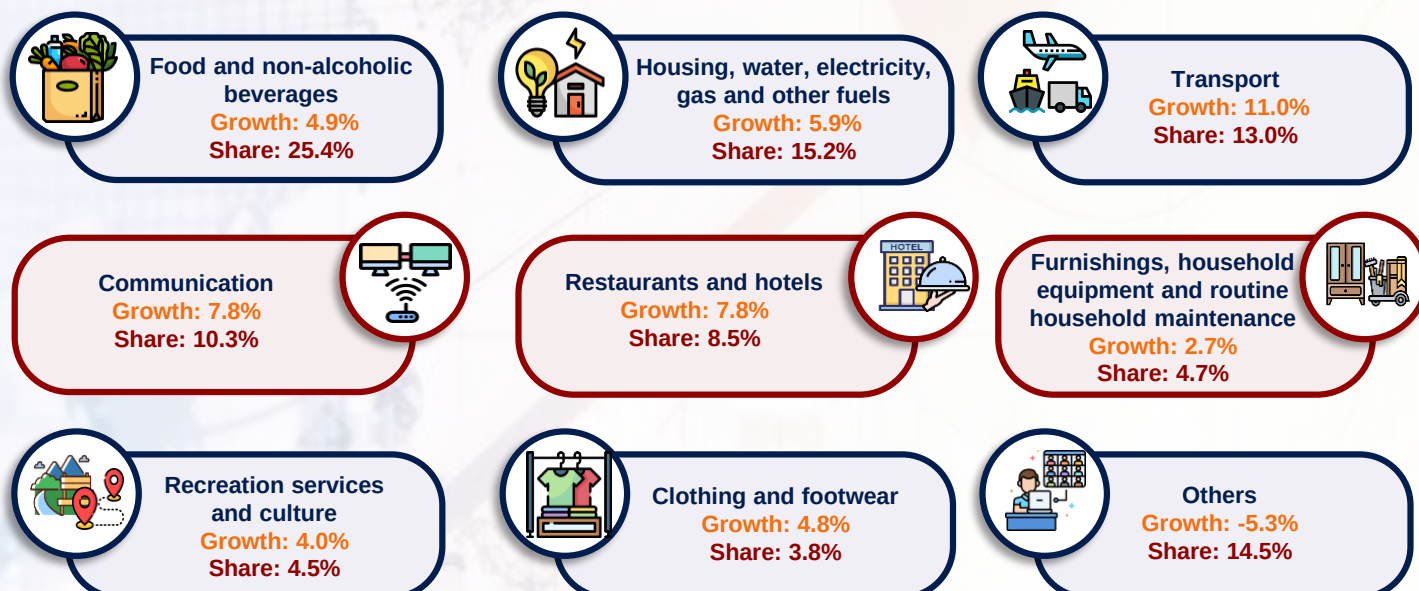


PRIVATE FINAL CONSUMPTION EXPENDITURE (PFCE)

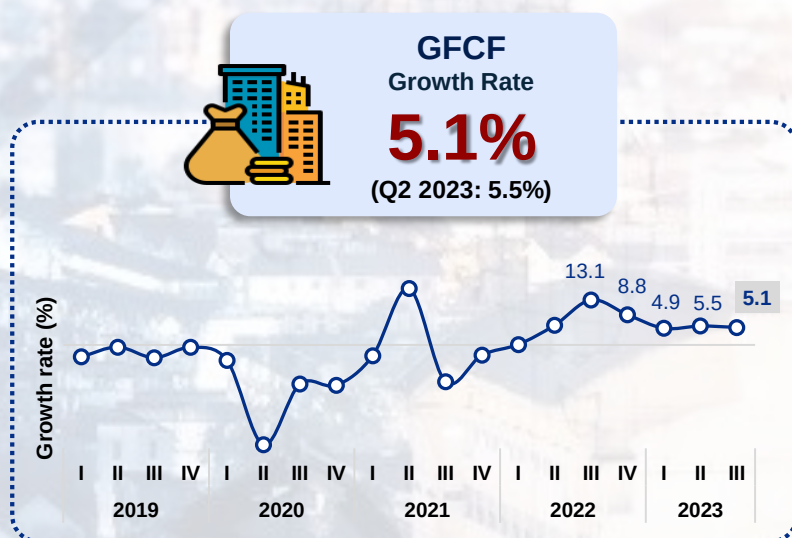


Note: - % changes refer to year-on-year
- Share to total PFCE

PFCE BY MAIN COMPONENT

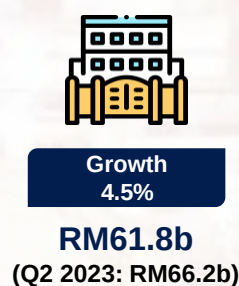


GROSS FIXED CAPITAL FORMATION (GFCF) BY SECTOR

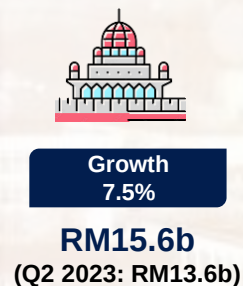


Note: % changes refer to year-on-year

Private Sector



Public Sector





GDP PERFORMANCE FOR SELECTED COUNTRIES

GDP Growth Rate YoY (%)	2021	2022	2022				2023		
			Q1	Q2	Q3	Q4	Q1	Q2	Q3
ASEAN COUNTRIES									
 Malaysia	3.3	8.7	4.8	8.8	14.1	7.1	5.6	2.9	3.3
 Singapore	8.9	3.6	4.0	4.5	4.0	2.1	0.4	0.5	0.7
 Indonesia	3.7	5.3	5.0	5.5	5.7	5.0	5.0	5.2	4.9
 Philippines	5.7	7.6	8.0	7.5	7.7	7.1	6.4	4.3	5.9
OTHER COUNTRIES									
 United States of America	5.8	1.9	3.6	1.9	1.7	0.7	1.7	2.4	2.9
 European Union	6.0	3.4	5.6	4.2	2.5	1.7	1.1	0.4	0.1
 Spain	6.4	5.8	6.8	7.2	5.4	3.8	4.1	2.0	1.8
 Italy	8.3	3.7	6.3	5.1	2.6	1.6	2.1	0.3	0.0
 France	6.4	2.5	4.3	3.9	1.3	0.8	1.0	1.1	0.7
 United Kingdom	8.7	4.3	11.4	3.9	2.1	0.7	0.5	0.6	0.6
 People's Republic of China	8.4	3.0	4.8	0.4	3.9	2.9	4.5	6.3	4.9
 Republic of Korea	4.3	2.6	3.1	2.9	3.2	1.4	0.9	0.9	1.4

Source: Official website of Selected National Statistical Office

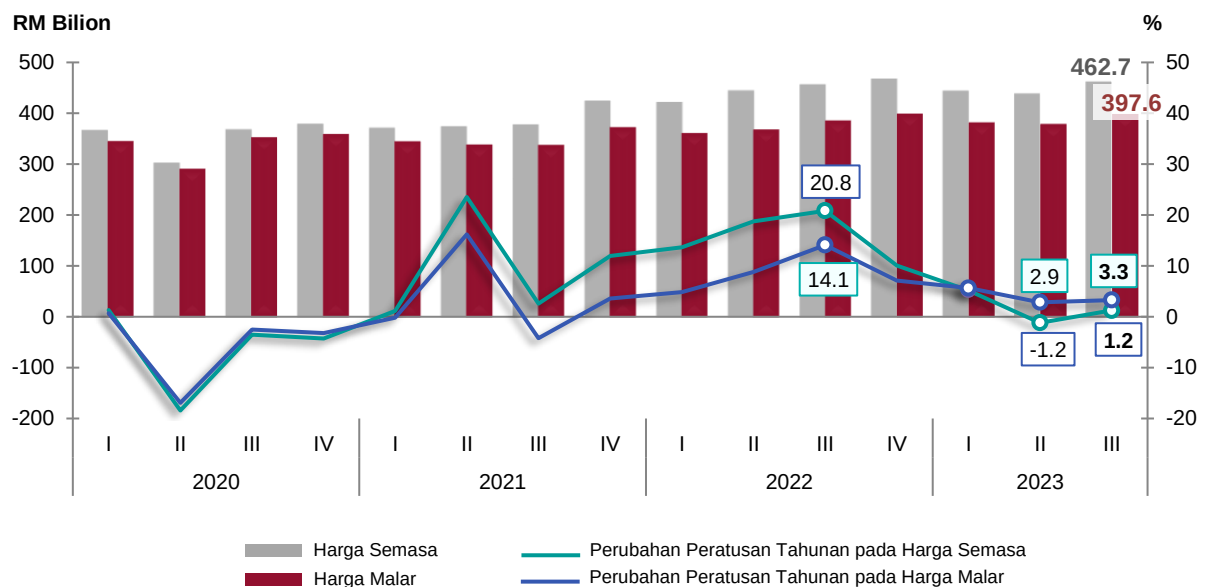
PERTUMBUHAN EKONOMI

Ekonomi Malaysia bertumbuh 3.3 peratus pada suku tahun ketiga 2023 daripada 2.9 peratus yang dicatatkan pada suku tahun sebelumnya (**Carta 1**). Bagi terma pelarasan musim, ekonomi meningkat 2.6 peratus (ST2 2023: 1.5%), seperti yang digambarkan di **Carta 2**.

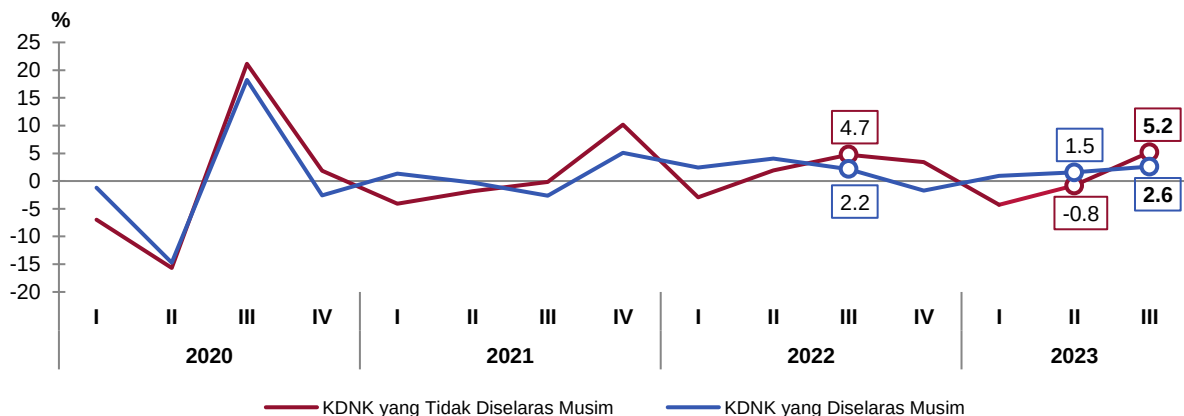
Prestasi dari segi penawaran didorong oleh sektor Perkhidmatan, Pembinaan dan Pertanian. Dari segi permintaan, Perbelanjaan penggunaan akhir swasta dan Pembentukan modal tetap kasar terus memacu keseluruhan ekonomi.

Ekonomi Malaysia menyederhana 3.9 peratus bagi tempoh kumulatif tiga suku tahun 2023 berbanding 9.2 peratus pada tempoh yang sama tahun 2022.

Carta 1 KDNK - Nilai Ditambah dan Perubahan Peratusan Tahunan



Carta 2 KDNK Pelarasan Musim – Perubahan Peratusan dari Suku Tahun Sebelumnya

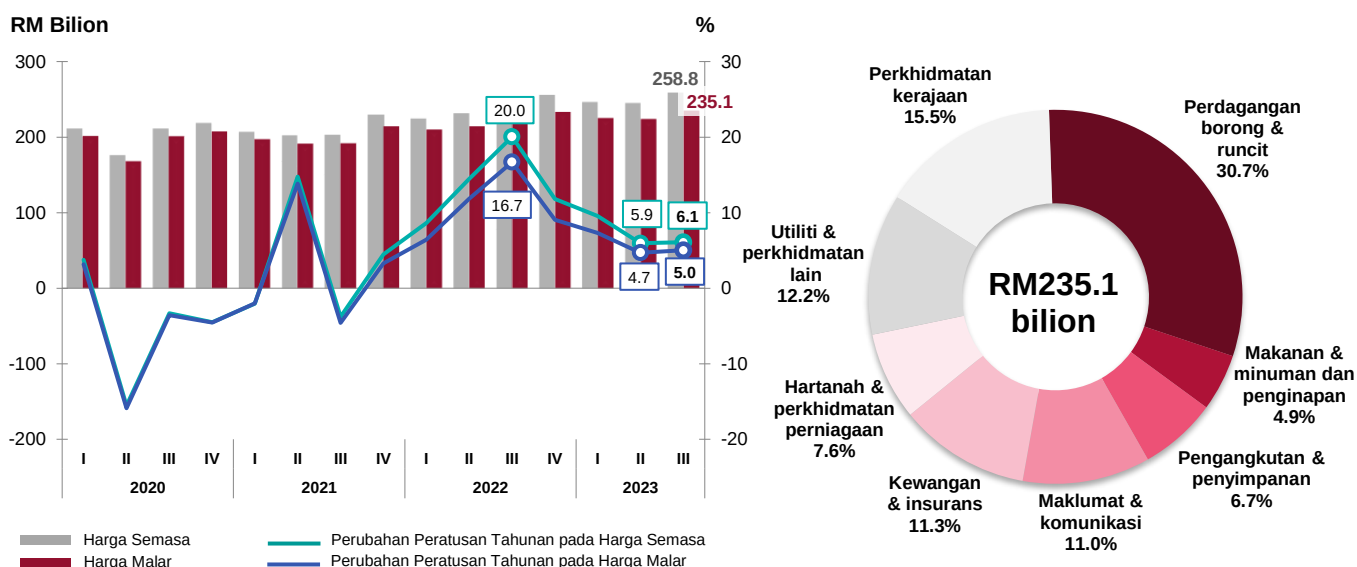


PERKHIDMATAN

Pada suku tahun ketiga 2023, sektor **Perkhidmatan** berkembang 5.0 peratus daripada 4.7 peratus yang dicatatkan pada suku tahun kedua 2023, seperti yang digambarkan di **Carta 3**. Bagi terma pelarasan musim, sektor Perkhidmatan bertumbuh sebanyak 2.1 peratus (ST2 2023: 2.7%).

Prestasi yang memberangsangkan ini dipacu oleh subsektor Perdagangan borong & runcit yang meningkat 5.4 peratus (ST2 2023: 4.7%) dan disokong oleh prestasi lebih baik dalam kesemua segmen terutamanya perdagangan borong dan runcit. Tambahan pula, Pengangkutan dan penyimpanan meningkat 12.8 peratus (ST2 2023: 13.5%) dan Perkhidmatan perniagaan bertumbuh 8.6 peratus (ST2 2023: 10.7%) pada suku tahun ini. Walau bagaimanapun, Kewangan dan Insurans masih menyusut, masing-masing 0.3 peratus (ST2 2023: -1.9%) dan 2.4 peratus (ST2 2023: -13.4%).

Carta 3 Perkhidmatan - Nilai Ditambah, Perubahan Peratusan Tahunan dan Peratus Sumbangan pada Harga Malar 2015

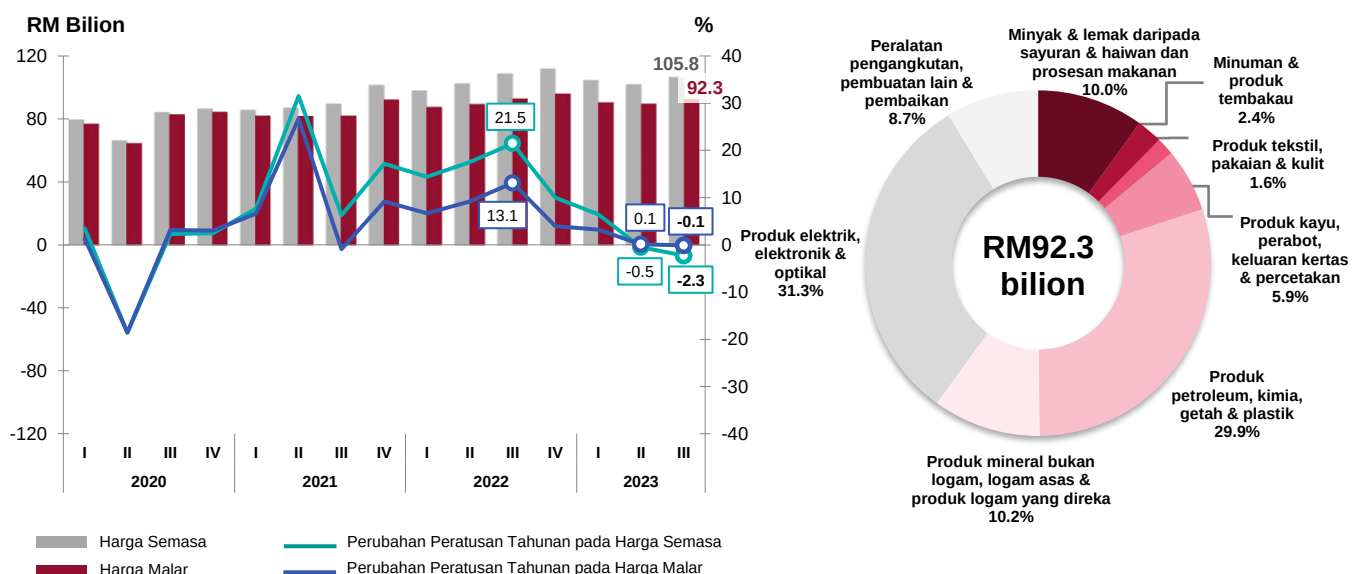


PEMBUATAN

Sektor **Pembuatan** menyusut 0.1 peratus berbanding pertumbuhan 0.1 peratus yang direkodkan pada suku tahun sebelumnya, seperti yang digambarkan di **Carta 4**. Bagi terma pelarasan musim, sektor Pembuatan berkembang kepada 1.5 peratus (ST2 2023: 0.6%).

Penurunan pada suku tahun ini disebabkan terutamanya oleh kejatuhan dalam Produk elektrik, elektronik & optikal (ST3 2023: -2.5%) dan Produk petroleum, kimia, getah & plastik (ST3 2023: -2.4%). Walau bagaimanapun, Peralatan pengangkutan, pembuatan lain & pembaikan dan Produk mineral bukan logam, logam asas & produk logam yang direka terus meningkat pada suku tahun ini, dengan masing-masing sebanyak 4.5 peratus dan 5.5 peratus, didorong oleh permintaan domestik.

Carta 4 Pembuatan - Nilai Ditambah, Perubahan Peratusan Tahunan dan Peratus Sumbangan pada Harga Malar 2015

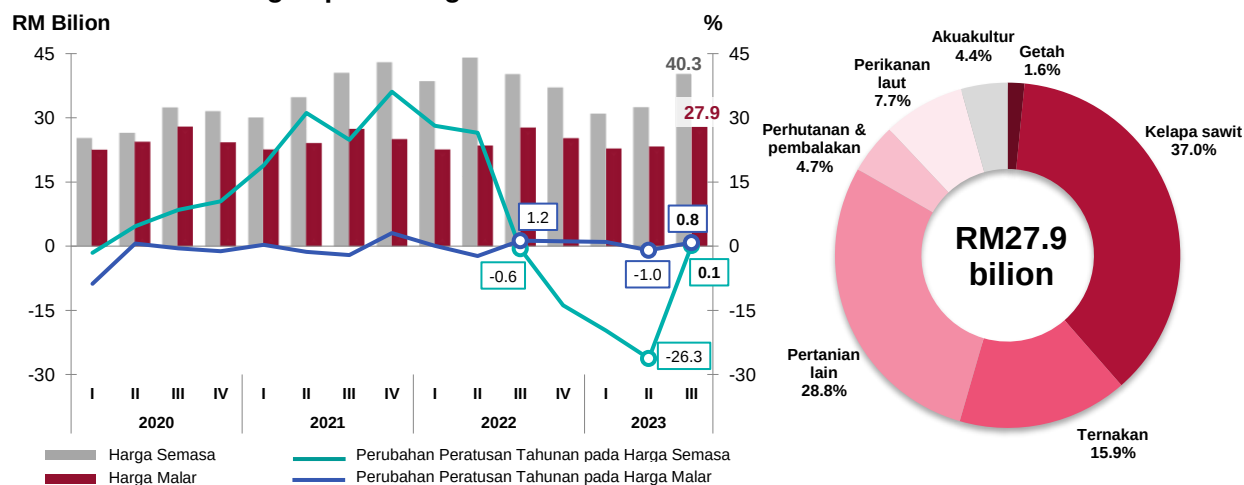


PERTANIAN

Sektor **Pertanian** bertumbuh marginal 0.8 peratus berbanding penurunan 1.0 peratus pada suku tahun sebelumnya (**Carta 5**). Bagi terma pelarasan musim, sektor ini meningkat 4.5 peratus (ST2 2023: -3.5%).

Pertumbuhan ini terutamanya disokong oleh prestasi yang lebih baik dalam subsektor Kelapa sawit yang meningkat 2.2 peratus (ST2 2023: -6.9%) seiring dengan pengeluaran buah tandan segar yang lebih tinggi. Selain itu, Pertanian lain bertumbuh pada 2.8 peratus (ST2 2023: 6.6%) dan Ternakan meningkat 1.1 peratus (ST2 2023: 0.5%). Walau bagaimanapun, subsektor Perikanan dan Getah menyusut, masing-masing pada 1.1 peratus dan 16.2 peratus.

Carta 5 Pertanian - Nilai Ditambah, Perubahan Peratusan Tahunan dan Peratus Sumbangan pada Harga Malar 2015

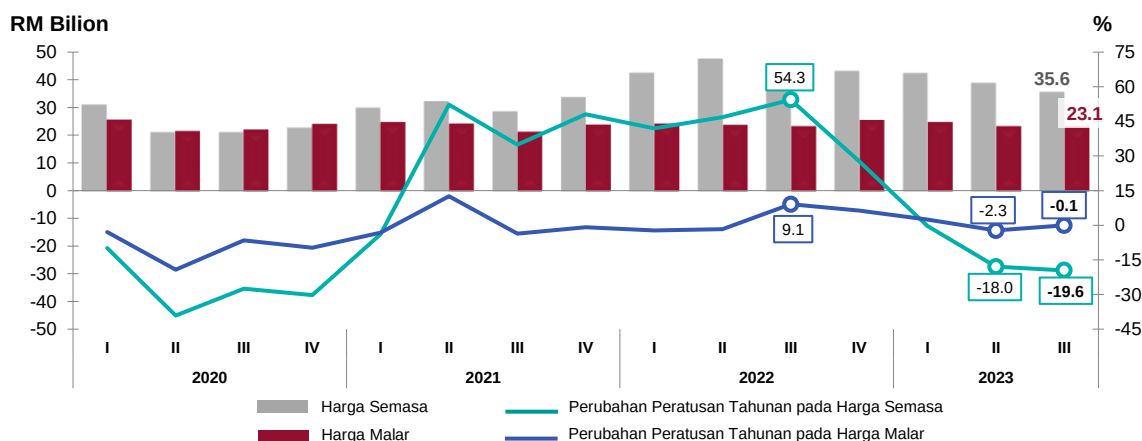


PERLOMBONGAN DAN PENGKUIARIAN

Sektor **Perlombongan dan pengkuarian** menyusut sebanyak 0.1 peratus daripada penurunan 2.3 peratus pada suku tahun kedua 2023 (**Carta 6**). Bagi terma pelarasan musim, sektor ini meningkat 8.6 peratus (ST2 2023: -2.7%).

Kemerosotan ini sebahagian besarnya dipengaruhi oleh penyusutan dalam pengeluaran subsektor Gas asli. Walau bagaimanapun, subsektor Perlombongan & pengkuarian lain dan Minyak mentah & kondensat bertumbuh pada suku tahun ini.

Carta 6 Perlombongan dan pengkuarian - Nilai Ditambah dan Perubahan Peratusan Tahunan

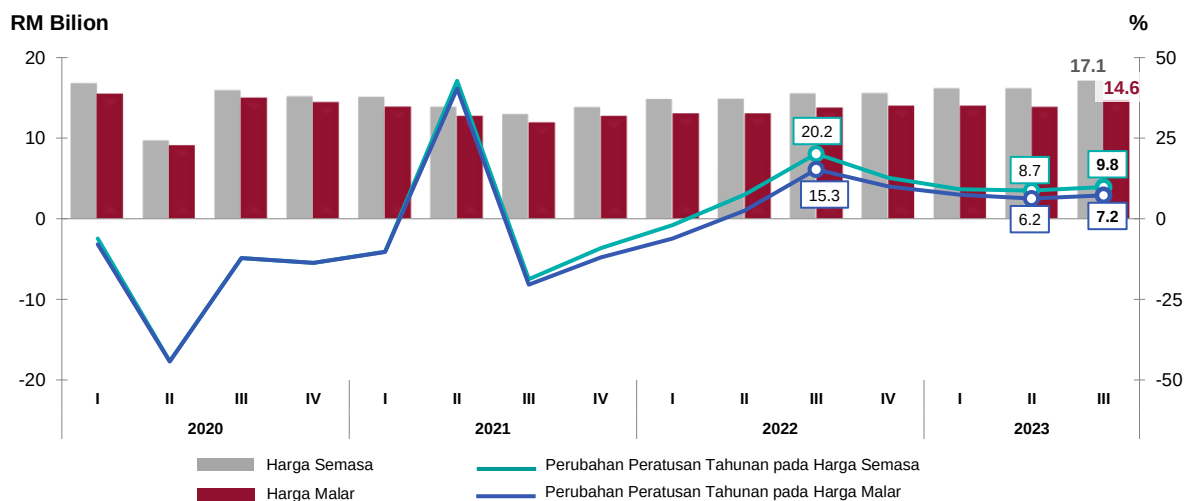


PEMBINAAN

Sektor **Pembinaan** meningkat 7.2 peratus daripada 6.2 peratus pada suku tahun sebelumnya, seperti yang digambarkan di **Carta 7**. Bagi terma pelarasan musim, sektor ini bertumbuh pada 3.7 peratus (ST2 2023: 4.8%).

Prestasi ini disokong oleh Kejuruteraan awam dan Aktiviti pembinaan pertukangan khas yang masing-masing mengukuh kepada 14.6 peratus (ST2 2023: 10.0%) dan 10.4 peratus (ST2 2023: 6.4%). Selain itu, Bangunan kediaman meningkat 6.2 peratus (ST2 2023: 6.1%) pada suku tahun ini. Sementara itu, Bangunan bukan kediaman menguncup 4.7 peratus berbanding 2.3 peratus pada suku tahun sebelumnya.

Carta 7 Pembinaan - Nilai Ditambah dan Perubahan Peratusan Tahunan



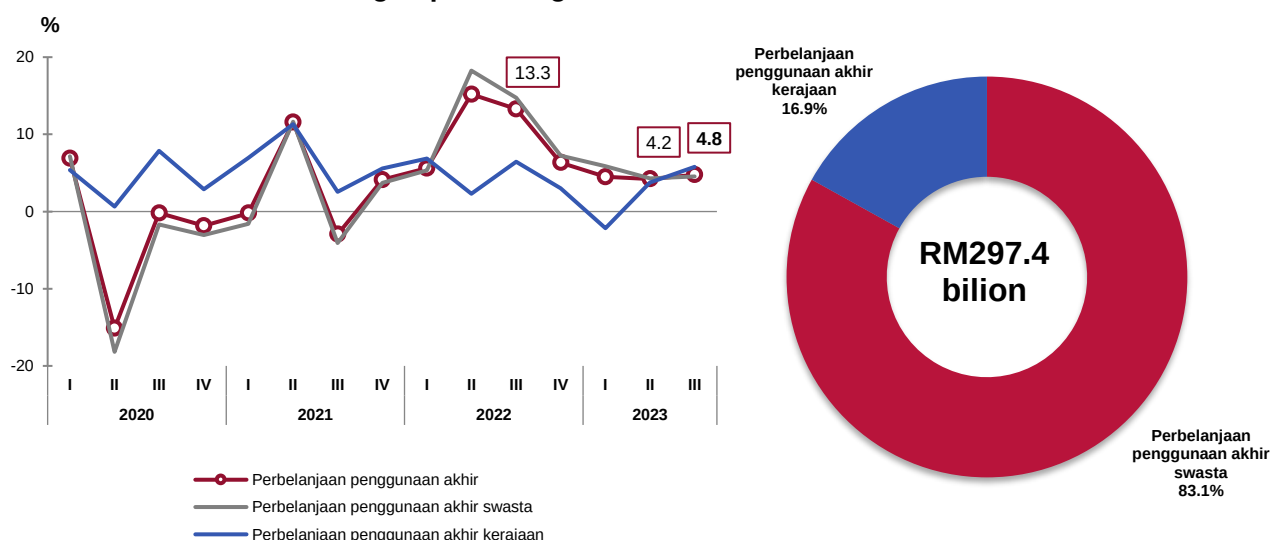
PERBELANJAAN PENGGUNAAN AKHIR

Perbelanjaan penggunaan akhir bertumbuh pada 4.8 peratus berbanding 4.2 peratus pada suku tahun sebelumnya, seperti yang digambarkan di **Carta 8**.

Perbelanjaan penggunaan akhir swasta mencatatkan pertumbuhan 4.6 peratus (ST2 2023: 4.3%) pada suku tahun ketiga 2023. Prestasi ini disokong oleh perbelanjaan yang tinggi bagi Pengangkutan, Makanan & minuman bukan alkohol dan Perumahan, air, elektrik, gas & bahan api lain. Bagi terma pelarasan musim, Perbelanjaan penggunaan akhir swasta menyusut 0.7 peratus (ST2 2023: 5.9%).

Perbelanjaan penggunaan akhir kerajaan meningkat kepada 5.8 peratus daripada 3.8 peratus pada suku tahun kedua 2023. Prestasi kukuh ini didorong oleh peningkatan perbelanjaan kerajaan ke atas bekalan dan perkhidmatan. Bagi pelarasan musim suku tahun ke suku tahun, Perbelanjaan penggunaan akhir kerajaan meningkat kepada 4.6 peratus (ST2 2023: 4.0%).

Carta 8 Perbelanjaan Penggunaan Akhir - Nilai, Perubahan Peratusan Tahunan dan Peratus Sumbangan pada Harga Malar 2015



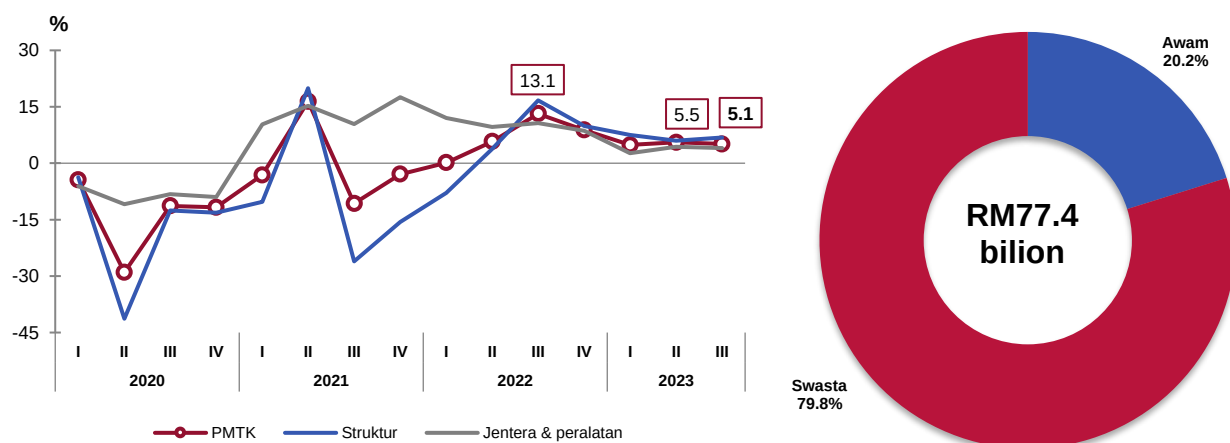
PEMBENTUKAN MODAL TETAP KASAR

Pembentukan modal tetap kasar (PMTK) meningkat 5.1 peratus berbanding 5.5 peratus, seperti yang digambarkan di **Carta 9**. Bagi terma pelarasan musim, PMTK menyederhana kepada 1.8 peratus (ST2 2023: 4.7%).

Prestasi PMTK yang memberangsangkan adalah disebabkan oleh Struktur dan Jentera & peralatan yang berkembang masing-masing sebanyak 6.9 peratus (ST2 2023: 6.0%) dan 4.0 peratus (ST2 2023: 4.4%). Selain itu, Aset lain meningkat marginal 0.6 peratus selepas bertumbuh 8.3 peratus pada suku tahun sebelumnya.

Dari segi sektor, sektor Swasta (sumbangan: 79.8%) menyederhana 4.5 peratus (ST2 2023: 5.1%), sementara PMTK bagi sektor Awam berkembang 7.5 peratus daripada 7.9 peratus pada suku tahun sebelumnya.

Carta 9 PMTK dan Komponen - Nilai, Perubahan Peratusan Tahunan dan Peratus Sumbangan pada Harga Malar 2015

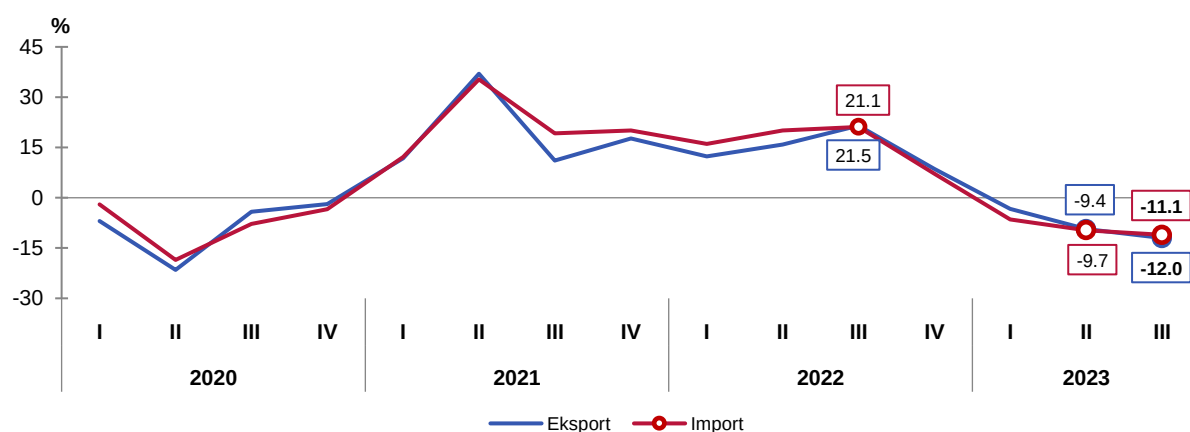


EKSPORT DAN IMPORT

Eksport menunjukkan prestasi lemah dengan merekodkan penyusutan 12.0 peratus (ST2 2023: -9.4%), seperti yang digambarkan dalam **Carta 10**. Prestasi ini dipengaruhi oleh kemerosotan bagi eksport barangan. Bagi pelarasan musim suku tahun ke suku tahun, Eksport berkembang 0.6 peratus (ST2 2023: 1.2%) pada suku tahun ketiga 2023.

Import terus merosot dengan penurunan 11.1 peratus (ST2 2023: -9.7%) disebabkan oleh prestasi lemah dalam import barangan. Bagi terma pelarasan musim, Import mencatatkan penurunan sebanyak 0.8 peratus (ST2 2023: 2.6%).

Carta 10 Eksport dan Import - Perubahan Peratusan Tahunan pada Harga Malar 2015



SEMAKAN

Semakan semula dilaksanakan berdasarkan sumber data terkini yang diterima bagi suku tahun kedua 2023.

HIGHLIGHTS OF THIRD QUARTER 2023

ECONOMIC GROWTH

Malaysia's economy grew by 3.3 per cent in the third quarter of 2023 from 2.9 per cent recorded in the preceding quarter (**Chart 1**). In terms of seasonally adjusted, the economy increased by 2.6 per cent (Q2 2023: 1.5%), as depicted in **Chart 2**.

The performance on the supply side was driven by the Services, Construction and Agriculture sectors. On the demand side, Private final consumption expenditure and Gross fixed capital formation continued to propel the overall economy.

Malaysia's economy moderated to 3.9 per cent for the cumulative three quarters of 2023, as compared to 9.2 per cent in the same period of 2022.

Chart 1 GDP - Value Added and Annual Percentage Change

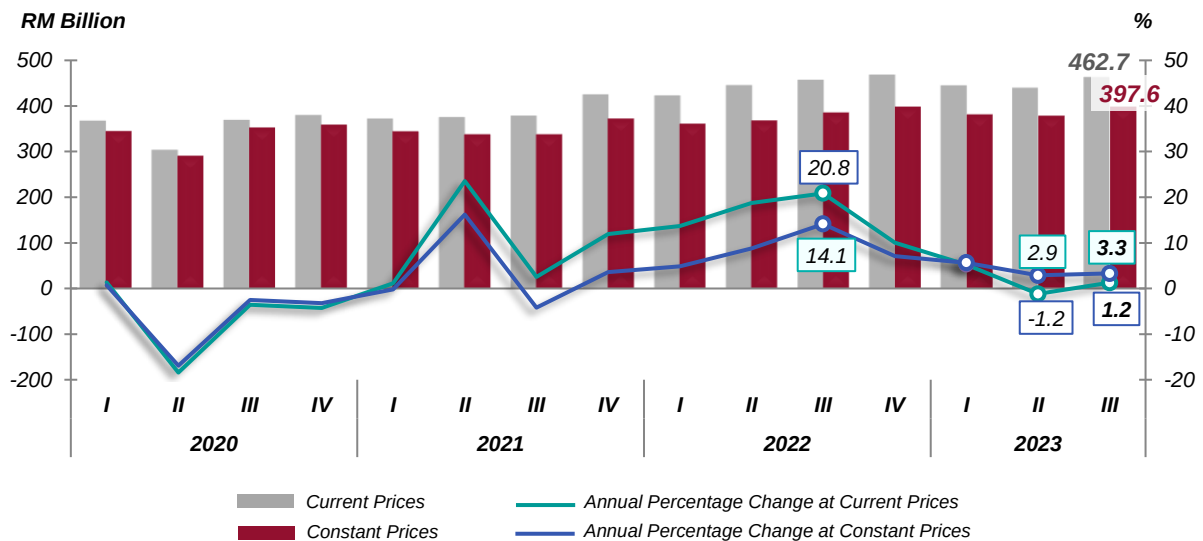
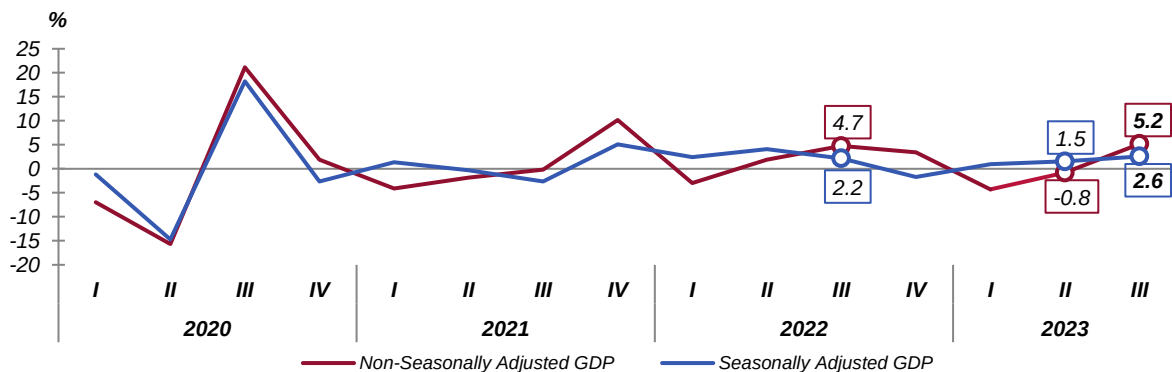


Chart 2 Seasonally Adjusted GDP - Percentage Change from Preceding Quarter

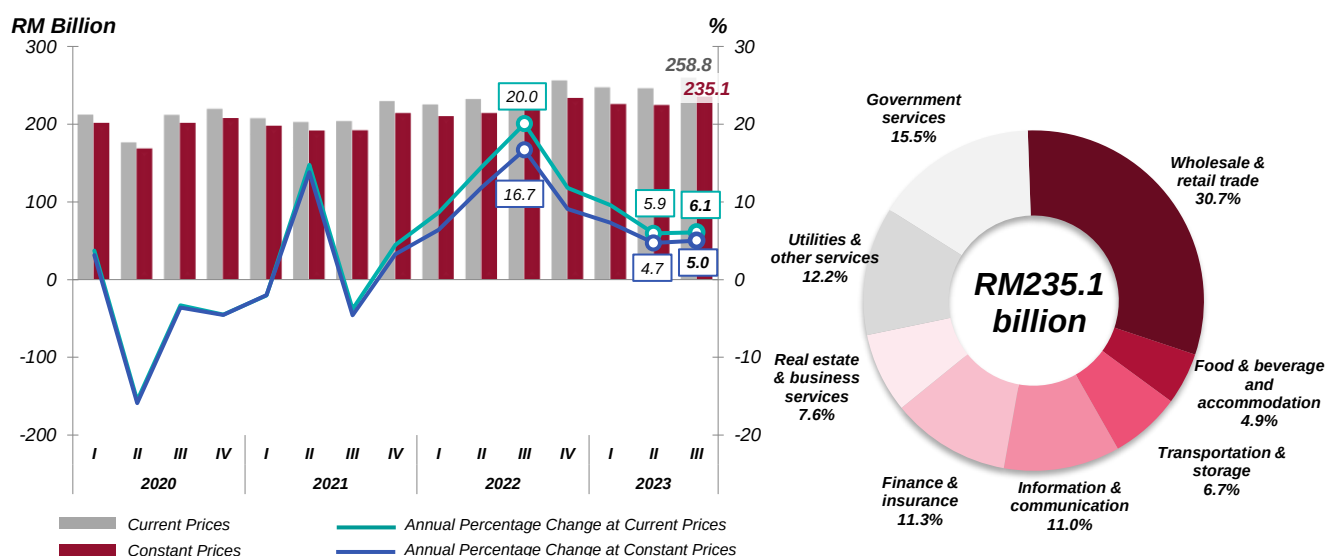


SERVICES

In the third quarter of 2023, the **Services** sector expanded 5.0 per cent from 4.7 per cent recorded in the second quarter of 2023, as shown in **Chart 3**. In terms of seasonally adjusted, the Services sector grew by 2.1 per cent (Q2 2023: 2.7%).

The favorable performance was led by the Wholesale & retail trade sub-sector, which increased 5.4 per cent (Q2 2023: 4.7%), supported by better performance in all segments, mainly wholesale and retail trade. Furthermore, Transportation and storage rose 12.8 per cent (Q2 2023: 13.5%) and Business services grew 8.6 per cent (Q2 2023: 10.7%) in this quarter. However, Finance and Insurance were still contracted at 0.3 per cent (Q2 2023: -1.9%) and 2.4 per cent (Q2 2023: -13.4%), respectively.

Chart 3 Services - Value Added, Annual Percentage Change and Percentage Share at Constant 2015 Prices

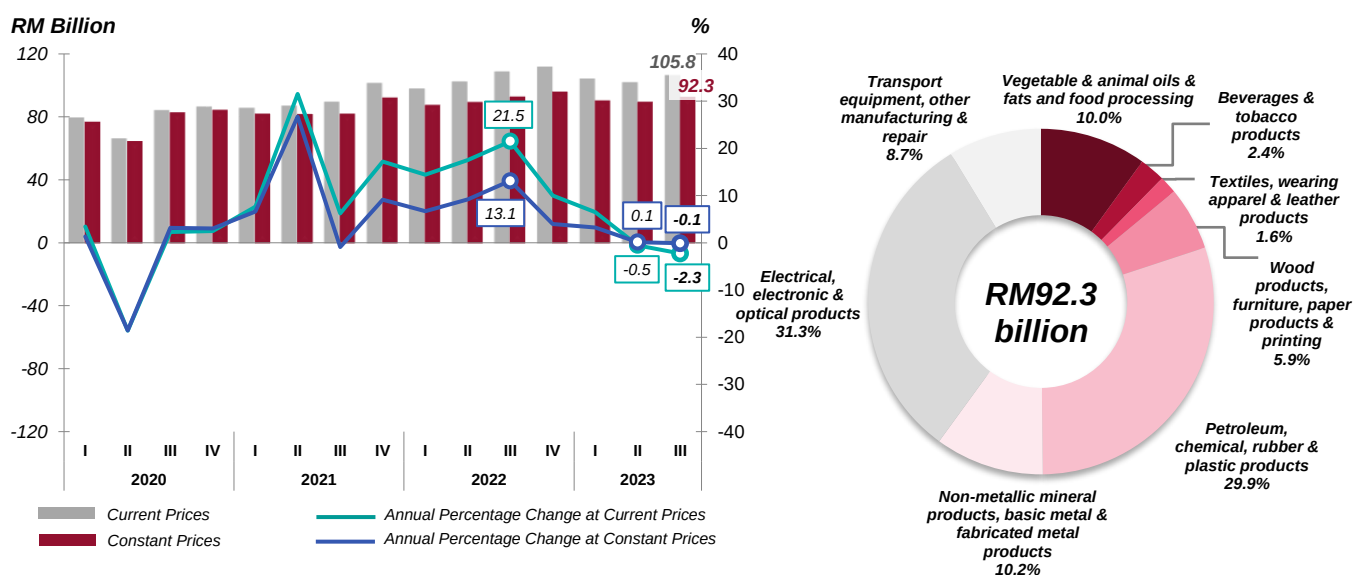


MANUFACTURING

Manufacturing sector fell slightly to 0.1 per cent as compared to a growth of 0.1 per cent recorded in the preceding quarter, as depicted in **Chart 4**. In terms of seasonally adjusted, the Manufacturing sector expanded to 1.5 per cent (Q2 2023: 0.6%).

The drop in this quarter was mainly attributed to a decrease in Electrical, electronic & optical products (Q3 2023: -2.5%) and Petroleum, chemical, rubber & plastic products (Q3 2023: -2.4%). Nevertheless, Transport equipment, other manufacturing & repair and Non-metallic mineral products, basic metal & fabricated metal products continuously increased in this quarter, with 4.5 per cent and 5.5 per cent, respectively, driven by domestic demand.

Chart 4 Manufacturing – Value Added, Annual Percentage Change and Percentage Share at Constant 2015 Prices

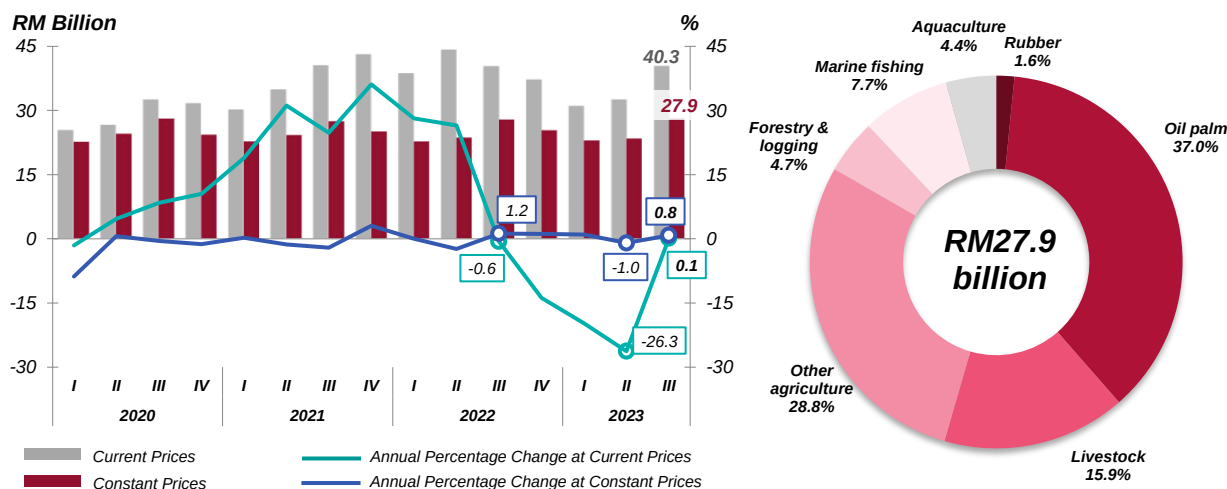


AGRICULTURE

Agriculture sector grew marginally by 0.8 per cent as compared to a decrease of 1.0 per cent in the preceding quarter (**Chart 5**). In terms of seasonally adjusted, this sector increased 4.5 per cent (Q2 2023: -3.5%).

The growth was mainly attributed to better performance in the Oil palm sub-sector, which increased 2.2 per cent (Q2 2023: -6.9%) in tandem with higher production of fresh fruit bunches. Moreover, Other agriculture grew at 2.8 per cent (Q2 2023: 6.6%) and Livestock rose at 1.1 per cent (Q2 2023: 0.5%). Nonetheless, Fishing and Rubber sub-sectors declined at 1.1 per cent and 16.2 per cent, respectively.

Chart 5 Agriculture - Value Added, Annual Percentage Change and Percentage Share at Constant 2015 Prices

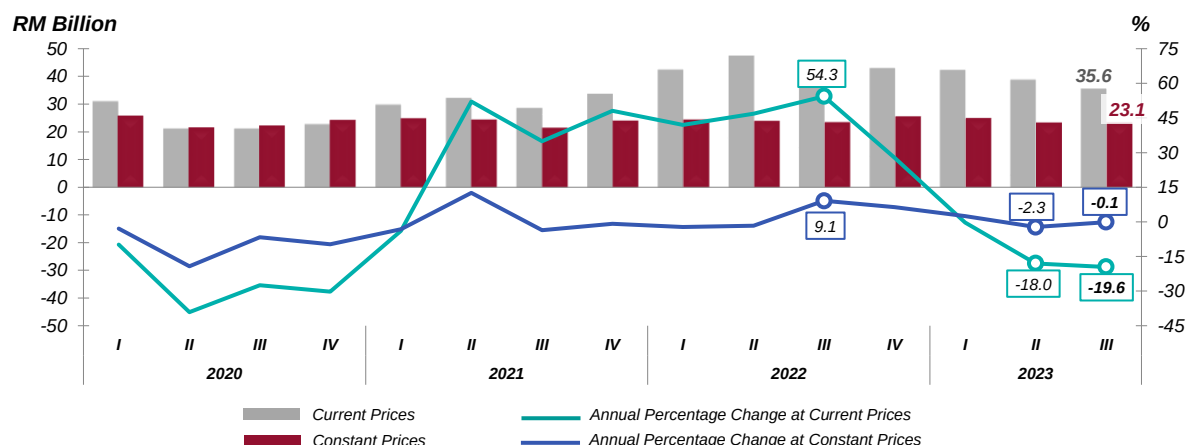


MINING AND QUARRYING

Mining and quarrying sector contracted by 0.1 from a decrease of 2.3 per cent in the second quarter of 2023 (**Chart 6**). In terms of seasonally adjusted, this sector escalated 8.6 per cent (Q2 2023: -2.7%).

The downturn was largely influenced by a decline in production in the Natural gas sub-sector. However, Other mining & quarrying and Crude & condensate sub-sectors grew in this quarter.

Chart 6 Mining and quarrying - Value Added and Annual Percentage Change

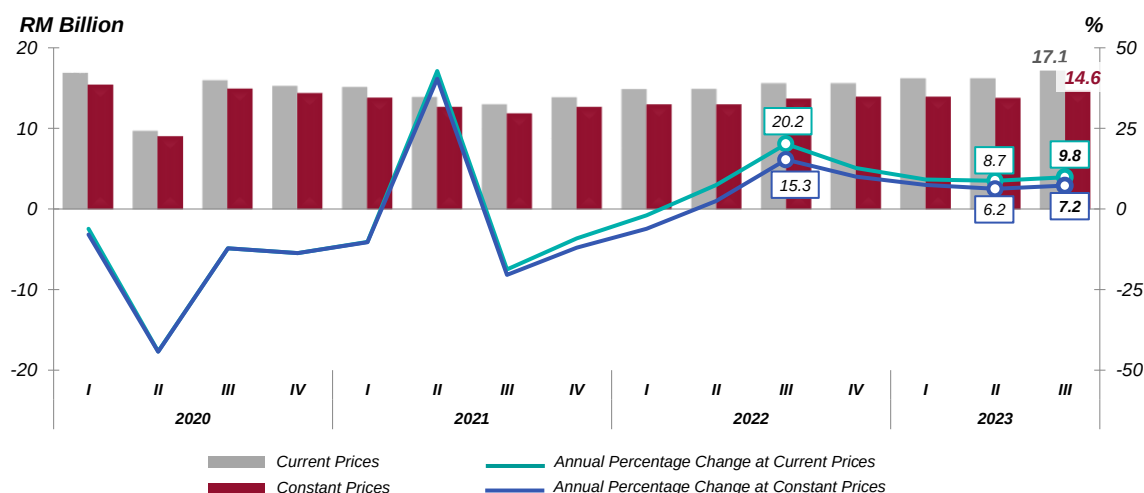


CONSTRUCTION

Construction sector rose 7.2 per cent from 6.2 per cent in the preceding quarter, as depicted in **Chart 7**. In terms of seasonally adjusted, this sector grew at 3.7 per cent (Q2 2023: 4.8%).

The performance was supported by Civil engineering and Specialised construction activities, which strengthened to 14.6 per cent (Q2 2023: 10.0%) and 10.4 per cent (Q2 2023: 6.4%), respectively. In addition, Residential buildings increased by 6.2 per cent (Q2 2023: 6.1%) in this quarter. Meanwhile, Non-residential buildings contracted 4.7 per cent as compared to 2.3 per cent in the previous quarter.

Chart 7 Construction - Value Added and Annual Percentage Change



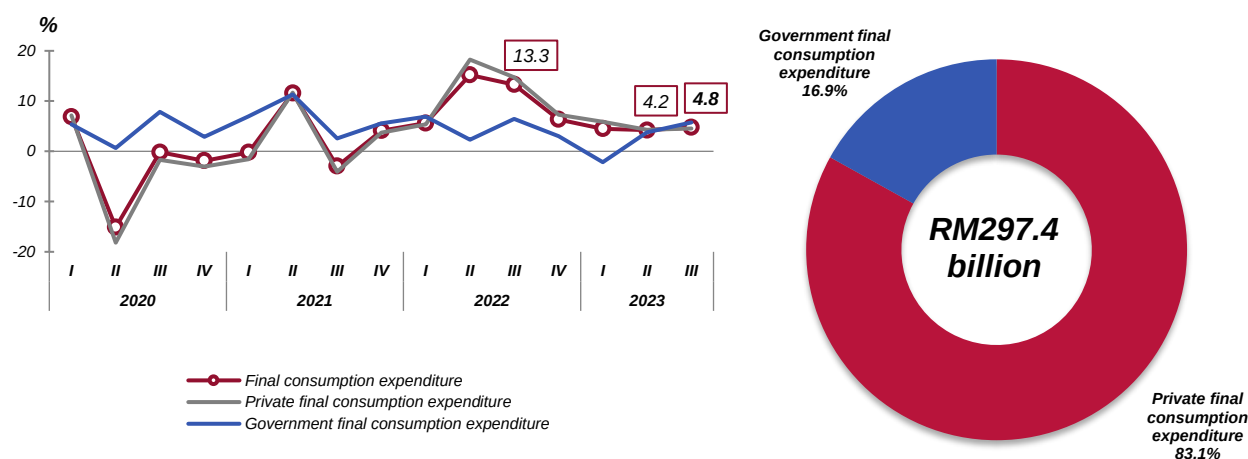
FINAL CONSUMPTION EXPENDITURE

Final consumption expenditure grew at 4.8 per cent compared to 4.2 per cent in the preceding quarter, as shown in **Chart 8**.

Private final consumption expenditure registered a growth of 4.6 per cent (Q2 2023: 4.3%) in the third quarter of 2023. The performance was supported by higher expenditures on Transport, Food & non-alcoholic beverages and Housing, water, electricity, gas & other fuels. In seasonally adjusted terms, Private final consumption expenditure contracted by 0.7 per cent (Q2 2023: 5.9%).

Government final consumption expenditure accelerated to 5.8 per cent from 3.8 per cent in the second quarter of 2023. The strong growth was due to higher spending on supplies and services. On a quarter-on-quarter seasonally adjusted, Government final consumption expenditure ascended to 4.6 per cent (Q2 2023: 4.0%).

Chart 8 Final Consumption Expenditure - Value, Annual Percentage Change and Percentage Share at Constant 2015 Prices



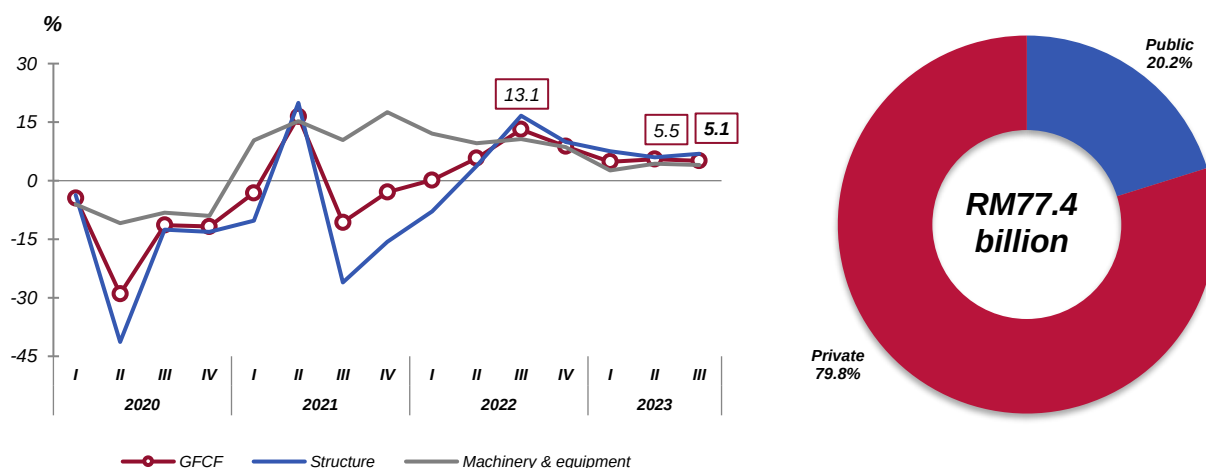
GROSS FIXED CAPITAL FORMATION

Gross fixed capital formation (GFCF) rose to 5.1 per cent as compared to 5.5 per cent as depicted in **Chart 9**. In seasonal adjusted terms, GFCF moderated to 1.8 per cent (Q2 2023: 4.7%).

The favorable performance of GFCF was attributed to Structure and Machinery & equipment, which expanded to 6.9 per cent (Q2 2023: 6.0%) and 4.0 per cent (Q2 2023: 4.4%), respectively. Furthermore, Other assets increased marginally 0.6 per cent after growing at 8.3 per cent in the previous quarter.

In terms of sector, the Private sector (share: 79.8%) moderated 4.5 per cent (Q2 2023: 5.1%), while GFCF in the Public sector expanded 7.5 per cent from 7.9 per cent in the previous quarter.

Chart 9 GFCF and Components - Value, Annual Percentage Change and Percentage Share at Constant 2015 Prices

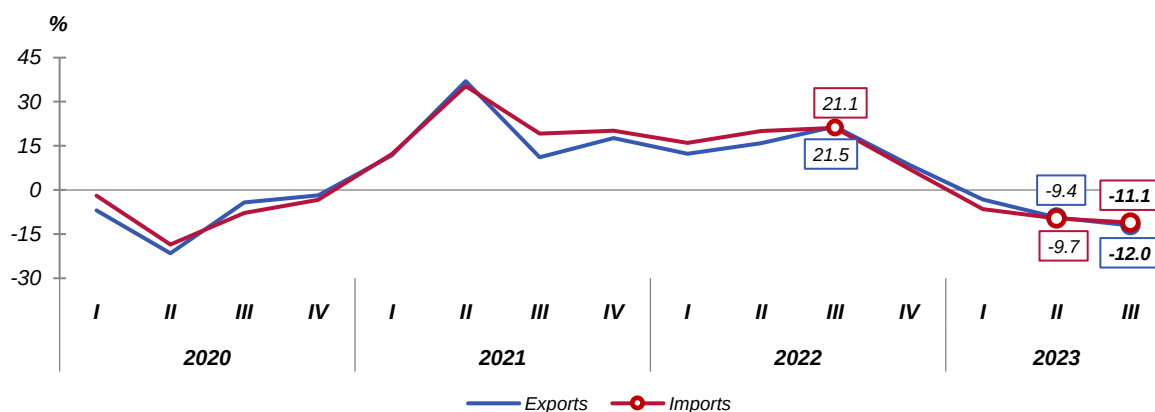


EXPORTS AND IMPORTS

Exports posted a sluggish performance, which recorded a decrease of 12.0 per cent (Q2 2023: -9.4%), as illustrated in **Chart 10**. The performance was influenced by a decrease in exports of goods. On a quarter-on-quarter seasonally adjusted, Exports grew by 0.6 per cent (Q2 2023: 1.2%) in the third quarter of 2023.

Imports continued to decline, with a decrease of 11.1 per cent (Q2 2023: -9.7%) due to lethargic performance in the import of goods. In seasonal adjusted terms, Imports registered a decline of 0.8 per cent (Q2 2023: 2.6%).

Chart 10 Exports and Imports - Annual Percentage Change at Constant 2015 Prices



REVISIONS

Revision has been made based on the latest data sources received for the second quarter of 2023.

Jadual
Tables

JADUAL 1A KDNK mengikut Jenis Perbelanjaan dan Data Penting Ekonomi Makro pada Harga Semasa
TABLE GDP by Type of Expenditure and Macro Economic Key Data at Current Prices

RM Juta/ Million

Jenis perbelanjaan Type of expenditure	Penggunaan domestik Domestic consumption	Penggunaan akhir Final consumption	Pembentukan modal kasar* Gross capital formation*	Imbangan barangan dan perkhidmatan Balance of goods and services	Pendapatan primer bersih dari luar negeri Net primary income from abroad	Pendapatan negara kasar Gross national income	Penduduk ('000) Population ('000)	Pendapatan negara kasar per kapita (RM) Gross national income per capita (RM)
2020	1,328,166	1,049,319	278,847	90,325	-28,520	1,389,971	32,447	42,838
2021 ^a	1,436,925	1,094,514	342,411	111,973	-42,153	1,506,745	32,576	46,253
2022 ^b	1,661,726	1,240,646	421,080	129,632	-59,414	1,731,944	32,698	52,968
2020 I	346,924	274,172	72,752	20,335	-7,111	360,148	32,569	44,232
II	291,830	219,780	72,050	11,294	-3,794	299,330	32,447	36,900
III	339,035	275,429	63,606	29,714	-10,275	358,474	32,480	44,148
IV	350,376	279,938	70,438	28,982	-7,339	372,019	32,512	45,770
2021 I	349,288	273,915	75,373	22,222	-6,641	364,869	32,544	44,846
II	349,153	250,319	98,834	25,311	-11,345	363,119	32,576	44,587
III	351,151	272,434	78,717	27,027	-4,173	374,005	32,607	45,881
IV	387,333	297,846	89,487	37,413	-19,994	404,752	32,637	49,606
2022 I	396,387	294,576	101,811	25,916	-17,283	405,020	32,668	49,593
II	422,531	295,220	127,311	22,057	-16,247	428,342	32,698	52,400
III	420,911	321,437	99,474	36,086	-14,322	442,675	32,868	53,872
IV	421,897	329,413	92,483	45,573	-11,563	455,907	33,039	55,196
2023 I	417,113	316,930	100,183	27,046	-16,910	427,249	33,209	51,462
II	421,123	311,898	109,226	18,195	-6,290	433,029	33,379	51,892
III	440,316	341,595	98,720	22,363	-10,989	451,689	33,451	54,011

JADUAL 1B KDNK mengikut Jenis Perbelanjaan dan Data Penting Ekonomi Makro pada Harga Semasa - Perubahan peratusan dari suku tahun yang sama tahun sebelumnya
TABLE GDP by Type of Expenditure and Macro Economic Key Data at Current Prices - Percentage change from corresponding quarter of preceding year

(%)

Jenis perbelanjaan Type of expenditure	Penggunaan domestik Domestic consumption	Penggunaan akhir Final consumption	Pembentukan modal kasar* Gross capital formation*	Imbangan barangan dan perkhidmatan Balance of goods and services	Pendapatan primer bersih dari luar negeri Net primary income from abroad	Pendapatan negara kasar Gross national income	Penduduk Population	Pendapatan negara kasar per kapita Gross national income per capita
2020	-5.1	-2.9	-12.4	-20.7	-27.8	-5.7	-0.2	-5.4
2021 ^a	8.2	4.3	22.8	24.0	47.8	8.4	0.4	8.0
2022 ^b	15.6	13.4	23.0	15.8	40.9	14.9	0.4	14.5
2020 I	5.0	7.6	-3.9	-36.7	-20.9	1.9	0.2	1.6
II	-15.9	-15.8	-16.0	-54.4	-27.8	-18.3	-0.2	-18.1
III	-4.2	-0.6	-17.3	4.8	7.4	-3.8	-0.2	-3.6
IV	-4.7	-2.7	-12.0	1.2	-53.2	-2.3	-0.1	-2.1
2021 I	0.7	-0.1	3.6	9.3	-6.6	1.3	-0.1	1.4
II	19.6	13.9	37.2	124.1	199.0	21.3	0.4	20.8
III	3.6	-1.1	23.8	-9.0	-59.4	4.3	0.4	3.9
IV	10.5	6.4	27.0	29.1	172.4	8.8	0.4	8.4
2022 I	13.5	7.5	35.1	16.6	160.2	11.0	0.4	10.6
II	21.0	17.9	28.8	-12.9	43.2	18.0	0.4	17.5
III	19.9	18.0	26.4	33.5	243.2	18.4	0.8	17.4
IV	8.9	10.6	3.3	21.8	-42.2	12.6	1.2	11.3
2023 I	5.2	7.6	-1.6	4.4	-2.2	5.5	1.7	3.8
II	-0.3	5.6	-14.2	-17.5	-61.3	1.1	2.1	-1.0
III	4.6	6.3	-0.8	-38.0	-23.3	2.0	1.8	0.3

* Termasuk perbezaan statistik/ Includes statistical discrepancy

JADUAL 1C KDNK mengikut Jenis Perbelanjaan dan Data Penting Ekonomi Makro pada Harga Semasa - Perubahan peratusan dari suku tahun sebelumnya
TABLE 1C GDP by Type of Expenditure and Macro Economic Key Data at Current Prices - Percentage change from preceding quarter

(%)

Jenis perbelanjaan Type of expenditure	Penggunaan domestik Domestic consumption	Penggunaan akhir Final consumption	Pembentukan modal kasar* Gross capital formation*	Imbangan barangan dan perkhidmatan Balance of goods and services	Pendapatan primer bersih dari luar negeri Net primary income from abroad	Pendapatan negara kasar Gross national income	Penduduk Population	Pendapatan negara kasar per kapita Gross national income per capita
2020	-5.1	-2.9	-12.4	-20.7	-27.8	-5.7	-0.2	-5.4
2021 ^a	8.2	4.3	22.8	24.0	47.8	8.4	0.4	8.0
2022 ^a	15.6	13.4	23.0	15.8	40.9	14.9	0.4	14.5
2020 I	-5.7	-4.7	-9.1	-29.0	-54.7	-5.4	0.0	-5.4
II	-15.9	-19.8	-1.0	-44.5	-46.6	-16.9	-0.4	-16.6
III	16.2	25.3	-11.7	163.1	170.8	19.8	0.1	19.6
IV	3.3	1.6	10.7	-2.5	-28.6	3.8	0.1	3.7
2021 I	-0.3	-2.2	7.0	-23.3	-9.5	-1.9	0.1	-2.0
II	0.0	-8.6	31.1	13.9	70.8	-0.5	0.1	-0.6
III	0.6	8.8	-20.4	6.8	-63.2	3.0	0.1	2.9
IV	10.3	9.3	13.7	38.4	379.2	8.2	0.1	8.1
2022 I	2.3	-1.1	13.8	-30.7	-13.6	0.1	0.1	0.0
II	6.6	0.2	25.0	-14.9	-6.0	5.8	0.1	5.7
III	-0.4	8.9	-21.9	63.6	-11.8	3.3	0.5	2.8
IV	0.2	2.5	-7.0	26.3	-19.3	3.0	0.5	2.5
2023 I	-1.1	-3.8	8.3	-40.7	46.2	-6.3	0.5	-6.8
II	1.0	-1.6	9.0	-32.7	-62.8	1.4	0.5	0.8
III	4.6	9.5	-9.6	22.9	74.7	4.3	0.2	4.1

JADUAL 1D KDNK mengikut Jenis Perbelanjaan dan Data Penting Ekonomi Makro pada Harga Semasa - Peratus sumbangan kepada KDNK
TABLE 1D GDP by Type of Expenditure and Macro Economic Key Data at Current Prices - Percentage share to GDP

(%)

Jenis perbelanjaan Type of expenditure	Penggunaan domestik Domestic consumption	Penggunaan akhir Final consumption	Pembentukan modal kasar* Gross capital formation*	Imbangan barangan dan perkhidmatan Balance of goods and services	Pendapatan primer bersih dari luar negeri Net primary income from abroad	Pendapatan negara kasar Gross national income	Penduduk Population	Pendapatan negara kasar per kapita Gross national income per capita
2020	93.6	74.0	19.7	..	..	..	..	..
2021 ^a	92.8	70.7	22.1	..	..	..	..	..
2022 ^a	92.8	69.3	23.5	..	..	..	..	..
2020 I	94.5	74.7	19.8	..	..	..	..	..
II	96.3	72.5	23.8	..	..	..	..	..
III	91.9	74.7	17.2	..	..	..	..	..
IV	92.4	73.8	18.6	..	..	..	..	..
2021 I	94.0	73.7	20.3	..	..	..	..	..
II	93.2	66.8	26.4	..	..	..	..	..
III	92.9	72.0	20.8	..	..	..	..	..
IV	91.2	70.1	21.1	..	..	..	..	..
2022 I	93.9	69.8	24.1	..	..	..	..	..
II	95.0	66.4	28.6	..	..	..	..	..
III	92.1	70.3	21.8	..	..	..	..	..
IV	90.3	70.5	19.8	..	..	..	..	..
2023 I	93.9	71.4	22.6	..	..	..	..	..
II	95.9	71.0	24.9	..	..	..	..	..
III	95.2	73.8	21.3	..	..	..	..	..

* Termasuk perbezaan statistik/ Includes statistical discrepancy

JADUAL 2A KDNK Pelarasan Musim mengikut Jenis Aktiviti Ekonomi pada Harga Malar 2015
TABLE 2A Seasonally Adjusted GDP by Kind of Economic Activity at Constant 2015 Prices

RM Juta/ Million

Jenis aktiviti ekonomi Kind of economic activity		Pertanian Agriculture	Perlombongan dan pengkuarian Mining and quarrying	Pembuatan Manufacturing	Pembinaan Construction	Perkhidmatan Services	tambah Duti import plus Import duties	KDNK pada harga pembeli GDP at purchasers' prices
2020	I	24,315	24,694	78,415	15,266	204,178	3,429	350,298
	II	25,320	21,270	65,773	9,522	173,364	3,499	298,748
	III	25,166	23,807	83,121	15,016	202,075	4,027	353,212
	IV	24,308	23,109	80,297	13,812	198,075	4,390	343,991
2021	I	24,398	23,784	83,243	13,620	199,482	4,113	348,640
	II	24,881	23,988	83,727	13,249	197,696	4,111	347,653
	III	24,591	22,985	82,165	12,007	193,146	3,505	338,399
	IV	25,132	22,990	87,466	12,069	204,113	3,886	355,655
2022	I	24,509	23,175	88,429	12,766	211,468	3,973	364,320
	II	24,219	23,598	91,620	13,540	221,934	4,269	379,179
	III	24,884	25,078	93,223	13,879	226,015	4,343	387,422
	IV	25,392	24,484	90,823	13,316	222,521	4,184	380,719
2023	I	24,763	23,699	91,279	13,702	226,445	4,413	384,301
	II	23,887	23,068	91,796	14,362	232,583	4,553	390,249
	III	24,969	25,058	93,162	14,900	237,507	4,727	400,323

JADUAL 2B KDNK Pelarasan Musim mengikut Jenis Aktiviti Ekonomi pada Harga Malar 2015 - Perubahan peratusan dari suku tahun sebelumnya
TABLE 2B Seasonally Adjusted GDP by Kind of Economic Activity at Constant 2015 Prices - Percentage change from preceding quarter

(%)

Jenis aktiviti ekonomi Kind of economic activity		Pertanian Agriculture	Perlombongan dan pengkuarian Mining and quarrying	Pembuatan Manufacturing	Pembinaan Construction	Perkhidmatan Services	tambah Duti import plus Import duties	KDNK pada harga pembeli GDP at purchasers' prices
2020	I	-0.6	-2.5	-0.1	-4.7	-1.1	-6.5	-1.2
	II	4.1	-13.9	-16.1	-37.6	-15.1	2.0	-14.7
	III	-0.6	11.9	26.4	57.7	16.6	15.1	18.2
	IV	-3.4	-2.9	-3.4	-8.0	-2.0	9.0	-2.6
2021	I	0.4	2.9	3.7	-1.4	0.7	-6.3	1.4
	II	2.0	0.9	0.6	-2.7	-0.9	0.0	-0.3
	III	-1.2	-4.2	-1.9	-9.4	-2.3	-14.7	-2.7
	IV	2.2	0.0	6.5	0.5	5.7	10.9	5.1
2022	I	-2.5	0.8	1.1	5.8	3.6	2.2	2.4
	II	-1.2	1.8	3.6	6.1	4.9	7.5	4.1
	III	2.7	6.3	1.7	2.5	1.8	1.7	2.2
	IV	2.0	-2.4	-2.6	-4.1	-1.5	-3.7	-1.7
2023	I	-2.5	-3.2	0.5	2.9	1.8	5.5	0.9
	II	-3.5	-2.7	0.6	4.8	2.7	3.2	1.5
	III	4.5	8.6	1.5	3.7	2.1	3.8	2.6

JADUAL 3A KDNK Pelarasan Musim mengikut Jenis Perbelanjaan pada Harga Malar 2015
TABLE Seasonally Adjusted GDP by Type of Expenditure at Constant 2015 Prices

RM Juta/ Million

Jenis perbelanjaan Type of expenditure		Perbelanjaan penggunaan akhir swasta Private final consumption expenditure	Perbelanjaan penggunaan akhir kerajaan Government final consumption expenditure	Pembentukan modal tetap kasar Gross fixed capital formation	Eksport barangan dan perkhidmatan Exports of goods and services	Import barangan dan perkhidmatan Imports of goods and services	Perbelanjaan atas KDNK pada harga pembeli Expenditure on GDP at purchasers' prices
2020	I	213,039	44,576	75,130	211,425	194,395	350,298
	II	175,082	43,027	59,419	180,438	165,413	298,748
	III	210,454	46,456	74,723	219,067	186,863	353,212
	IV	204,173	45,662	71,904	219,227	196,416	343,991
2021	I	207,595	47,316	71,955	235,872	217,801	348,640
	II	196,930	48,026	69,875	246,547	223,516	347,653
	III	202,014	47,498	67,027	243,328	222,811	338,399
	IV	210,724	48,417	69,708	258,170	236,291	355,655
2022	I	218,007	50,326	71,674	264,613	252,424	364,320
	II	233,653	49,192	74,126	285,575	268,120	379,179
	III	231,914	50,519	75,964	295,946	270,085	387,422
	IV	225,862	49,992	76,036	280,704	253,706	380,719
2023	I	230,457	49,121	75,002	255,779	235,910	384,301
	II	244,129	51,070	78,516	258,737	242,078	390,249
	III	242,523	53,408	79,967	260,406	240,213	400,323

JADUAL 3B KDNK Pelarasan Musim mengikut Jenis Perbelanjaan pada Harga Malar 2015 - Perubahan peratusan dari suku tahun sebelumnya
TABLE Seasonally Adjusted GDP by Type of Expenditure at Constant 2015 Prices - Percentage change from preceding quarter

(%)

Jenis perbelanjaan Type of expenditure		Perbelanjaan penggunaan akhir swasta Private final consumption expenditure	Perbelanjaan penggunaan akhir kerajaan Government final consumption expenditure	Pembentukan modal tetap kasar Gross fixed capital formation	Eksport barangan dan perkhidmatan Exports of goods and services	Import barangan dan perkhidmatan Imports of goods and services	Perbelanjaan atas KDNK pada harga pembeli Expenditure on GDP at purchasers' prices
2020	I	0.9	1.7	-7.4	-4.8	-3.6	-1.2
	II	-17.8	-3.5	-20.9	-14.7	-14.9	-14.7
	III	20.2	8.0	25.8	21.4	13.0	18.2
	IV	-3.0	-1.7	-3.8	0.1	5.1	-2.6
2021	I	1.7	3.6	0.1	7.6	10.9	1.4
	II	-5.1	1.5	-2.9	4.5	2.6	-0.3
	III	2.6	-1.1	-4.1	-1.3	-0.3	-2.7
	IV	4.3	1.9	4.0	6.1	6.0	5.1
2022	I	3.5	3.9	2.8	2.5	6.8	2.4
	II	7.2	-2.3	3.4	7.9	6.2	4.1
	III	-0.7	2.7	2.5	3.6	0.7	2.2
	IV	-2.6	-1.0	0.1	-5.2	-6.1	-1.7
2023	I	2.0	-1.7	-1.4	-8.9	-7.0	0.9
	II	5.9	4.0	4.7	1.2	2.6	1.5
	III	-0.7	4.6	1.8	0.6	-0.8	2.6

* Komponen perubahan inventori, barangan berharga dan perbezaan statistik tidak ditunjukkan di dalam jadual.
The component of changes in inventories, valuables and statistical discrepancy are not shown in the tables.

Jenis aktiviti ekonomi	2020	2021 ^a	2022 ^p	2020				2021	
				I	II	III	IV	I	II
1. Pertanian	115,834	148,301	159,803	25,326	26,523	32,418	31,566	30,102	34,778
1.1 Getah	2,590	3,125	2,433	749	379	626	837	815	613
1.2 Kelapa sawit	50,727	78,219	88,291	9,497	10,714	14,885	15,631	13,594	17,596
1.3 Ternakan	17,454	19,118	19,871	4,220	4,130	4,634	4,470	4,522	4,585
1.4 Pertanian lain	26,844	28,950	28,908	6,571	7,038	6,994	6,240	7,042	7,600
1.5 Perhutanan dan pembalakan	6,243	6,615	6,943	1,452	1,554	1,720	1,517	1,432	1,564
1.6 Perikanan laut	7,044	7,458	7,965	1,785	1,514	2,094	1,651	1,709	1,668
1.7 Akuakultur	4,932	4,816	5,391	1,052	1,194	1,465	1,221	987	1,151
2. Perlombongan dan pengkuarian	96,172	124,355	176,870	31,032	21,180	21,224	22,736	29,823	32,231
2.1 Minyak mentah dan kondensat	39,011	55,325	77,325	14,346	7,611	8,924	8,130	13,838	16,651
2.2 Gas asli	47,923	59,834	89,053	14,329	11,611	10,054	11,929	13,643	13,744
2.3 Perlombongan lain & pengkuarian dan perkhidmatan sokongan	9,237	9,195	10,492	2,357	1,958	2,246	2,677	2,342	1,836
3. Pembuatan	315,360	362,301	419,062	79,252	66,000	83,927	86,181	85,330	86,803
3.1 Minyak dan lemak daripada sayuran & haiwan	13,783	16,387	18,117	2,757	3,684	3,596	3,746	3,106	4,183
3.2 Prosesan makanan	19,816	23,447	28,142	4,324	5,020	5,624	4,849	4,987	5,870
3.3 Minuman	4,526	5,109	5,804	1,127	903	1,231	1,266	1,184	1,281
3.4 Produk tembakau	3,205	2,798	3,459	808	389	1,119	889	873	759
3.5 Tekstil dan pakaian	4,705	5,144	5,697	1,251	851	1,258	1,344	1,280	1,112
3.6 Kulit dan produk berkaitan	718	840	1,033	229	152	166	172	255	266
3.7 Keluaran kayu	6,943	7,741	8,991	2,015	1,149	1,888	1,892	1,931	1,790
3.8 Kertas dan produk kertas	4,915	5,921	6,796	1,242	1,117	1,387	1,168	1,416	1,467
3.9 Percetakan dan pengeluaran semula media rakaman	4,078	4,106	4,369	1,178	718	984	1,199	1,170	878
3.10 Produk petroleum bertapis	42,119	55,636	69,580	12,209	8,405	10,168	11,337	12,271	12,536
3.11 Bahan kimia & produk kimia dan produk farmaseutikal	30,668	36,711	40,356	8,018	6,542	7,863	8,245	8,565	8,090
3.12 Produk getah	13,334	17,506	14,083	1,851	3,081	3,965	4,437	3,602	5,185
3.13 Produk plastik	10,636	12,078	12,954	2,363	2,162	3,383	2,728	2,686	2,637
3.14 Produk mineral bukan logam	9,962	9,761	11,118	2,646	1,694	2,886	2,736	2,555	2,215
3.15 Logam asas	8,916	10,035	11,610	2,025	1,820	2,591	2,480	2,135	2,395
3.16 Produk logam yang direka	14,114	15,304	17,311	4,069	2,683	3,699	3,663	3,981	3,703
3.17 Jentera dan peralatan	9,612	10,581	11,390	3,094	2,160	2,318	2,040	3,198	2,511
3.18 Komputer dan kelengkapan peranti	6,072	6,614	6,558	1,378	1,212	1,733	1,749	1,709	1,672
3.19 Kelengkapan elektrik	7,172	8,338	10,351	1,704	1,927	1,593	1,948	1,835	2,431
3.20 Komponen & papan elektronik, peralatan komunikasi dan elektronik pengguna	63,395	70,495	87,004	16,664	13,352	16,520	16,859	17,676	16,147
3.21 Pembuatan peralatan perubatan, ketetapan & optik, jam tangan dan jam	4,704	5,228	5,945	861	1,177	1,250	1,416	922	1,409
3.22 Kenderaan bermotor dan peralatan pengangkutan	22,978	23,707	28,601	5,058	4,339	6,104	7,476	5,555	6,174
3.23 Perabot	4,712	4,509	5,035	1,343	855	1,296	1,218	1,394	1,210
3.24 Pembuatan lain dan pembaikan & pemasangan mesin dan kelengkapan	4,275	4,306	4,759	1,037	609	1,305	1,324	1,044	883

									RM Juta/ Million
2021		2022				2023			Kind of economic activity
III	IV	I	II	III	IV	I	II	III	
40,461	42,960	38,570	43,996	40,208	37,029	30,958	32,437	40,255	1. Agriculture
889	808	715	536	690	492	478	456	546	1.1 Rubber
21,426	25,603	21,683	26,225	20,347	20,037	13,522	13,925	20,174	1.2 Oil palm
4,982	5,029	4,874	4,704	5,274	5,019	5,045	5,014	5,519	1.3 Livestock
7,572	6,735	6,977	7,794	7,669	6,467	7,379	8,084	7,786	1.4 Other agriculture
1,846	1,773	1,400	1,590	2,108	1,846	1,577	1,641	1,986	1.5 Forestry and logging
2,341	1,740	1,887	1,843	2,424	1,811	1,894	2,001	2,558	1.6 Marine fishing
1,405	1,273	1,034	1,305	1,695	1,357	1,062	1,316	1,687	1.7 Aquaculture
28,644	33,657	42,333	47,331	44,211	42,996	42,207	38,828	35,566	2. Mining and quarrying
11,682	13,154	20,058	24,942	16,939	15,386	17,502	17,832	14,314	2.1 Crude oil and condensate
14,827	17,621	19,738	20,283	24,700	24,332	21,864	18,772	18,597	2.2 Natural gas
2,135	2,882	2,537	2,106	2,572	3,277	2,842	2,224	2,655	2.3 Other mining & quarrying and supporting services
89,163	101,005	97,610	102,026	108,310	111,116	103,923	101,476	105,835	3. Manufacturing
4,138	4,960	3,770	4,667	4,590	5,091	3,908	3,172	3,640	3.1 Vegetable and animal oils & fats
6,529	6,061	5,995	7,303	8,028	6,816	6,622	7,871	8,664	3.2 Food processing
1,201	1,442	1,269	1,557	1,486	1,493	1,273	1,583	1,508	3.3 Beverages
216	951	907	1,072	651	828	1,050	1,306	748	3.4 Tobacco products
1,270	1,482	1,440	1,265	1,443	1,549	1,440	1,299	1,478	3.5 Textile and wearing apparel
140	180	260	314	248	211	276	353	271	3.6 Leather and related products
1,796	2,225	2,290	2,162	2,309	2,230	2,182	2,109	2,213	3.7 Wood products
1,592	1,445	1,617	1,694	1,917	1,568	1,751	1,764	1,933	3.8 Paper and paper products
848	1,210	1,177	976	915	1,301	1,249	1,025	971	3.9 Printing and reproduction of recorded media
15,180	15,650	15,406	15,819	19,849	18,506	16,775	14,838	16,193	3.10 Refined petroleum products
9,653	10,403	9,875	9,241	10,432	10,808	9,987	9,316	10,496	3.11 Chemicals & chemical products and pharmaceutical products
4,701	4,018	2,759	3,907	3,928	3,489	2,475	3,351	3,605	3.12 Rubber products
3,735	3,020	2,949	2,841	4,135	3,029	2,750	2,823	4,132	3.13 Plastics products
2,199	2,792	2,776	2,612	2,755	2,975	2,936	2,732	2,931	3.14 Non-metallic mineral products
2,505	3,000	2,583	2,979	2,987	3,062	2,625	3,060	3,067	3.15 Basic metals
3,447	4,174	4,437	4,359	4,074	4,441	4,705	4,712	4,496	3.16 Fabricated metal products
2,478	2,393	3,433	2,693	2,792	2,471	3,480	2,590	2,547	3.17 Machinery and equipment
1,561	1,671	1,561	1,680	1,716	1,600	1,477	1,570	2,017	3.18 Computers and peripheral equipment
1,749	2,323	2,297	2,933	2,278	2,844	2,458	3,105	2,321	3.19 Electrical equipment
16,902	19,770	21,465	20,153	21,593	23,793	24,396	20,694	21,619	3.20 Electronic components & boards, communication equipment and consumer electronics
1,299	1,598	999	1,540	1,573	1,832	1,099	1,644	1,726	3.21 Manufacture of medical, precision & optical instruments, watches and clocks
4,267	7,711	5,783	7,825	6,384	8,610	6,504	8,110	6,941	3.22 Motor vehicles and transport equipment
768	1,137	1,482	1,430	1,027	1,096	1,364	1,374	1,025	3.23 Furniture
990	1,389	1,081	1,004	1,202	1,472	1,141	1,074	1,293	3.24 Other manufacturing and repair & installation of machinery and equipment

Jenis aktiviti ekonomi	2020	2021 ^a	2022 ^p	2020				2021	
				I	II	III	IV	I	II
4. Pembinaan	57,657	55,717	60,816	16,826	9,698	15,938	15,195	15,110	13,849
4.1 Bangunan kediaman	13,377	11,939	12,244	3,820	2,336	3,531	3,690	3,674	2,766
4.2 Bangunan bukan kediaman	12,587	12,628	14,732	3,324	2,315	3,001	3,946	3,151	3,189
4.3 Kejuruteraan awam	20,044	16,829	17,680	6,748	2,832	6,223	4,241	4,812	4,333
4.4 Aktiviti pembinaan pertukangan khas	11,650	14,321	16,160	2,933	2,215	3,184	3,318	3,473	3,561
5. Perkhidmatan	817,713	841,201	955,993	211,281	176,194	211,263	218,974	206,986	202,208
5.1 Elektrik dan gas	31,452	31,939	33,190	7,877	7,315	8,058	8,202	7,734	7,849
5.2 Air, pembentungan dan pengurusan sisa	9,090	9,859	10,396	1,973	2,261	2,405	2,451	2,206	2,463
5.3 Perdagangan borong	106,060	111,941	123,776	25,612	21,638	28,462	30,348	25,708	26,244
5.4 Perdagangan runcit	111,500	116,542	143,486	28,482	22,277	28,995	31,746	28,839	27,428
5.5 Kenderaan bermotor	22,967	20,717	30,161	5,470	3,006	7,448	7,044	5,953	3,906
5.6 Makanan dan minuman	37,796	35,909	45,624	11,506	7,836	9,150	9,304	9,085	8,696
5.7 Penginapan	5,235	3,980	9,038	2,361	537	1,242	1,094	966	792
5.8 Pengangkutan dan penyimpanan	45,383	46,564	62,126	13,575	7,853	12,174	11,781	11,486	10,944
5.9 Maklumat dan komunikasi	90,696	96,246	101,642	22,201	22,598	22,993	22,903	23,513	23,856
5.10 Kewangan	72,344	79,203	82,176	18,101	15,624	19,064	19,555	20,050	20,026
5.11 Insurans	25,298	28,598	27,541	6,616	6,012	5,882	6,788	7,406	6,681
5.12 Hartanah	20,174	17,751	23,010	5,967	4,146	5,103	4,959	4,955	4,226
5.13 Perkhidmatan perniagaan	43,002	39,619	48,020	12,367	9,791	10,525	10,319	10,238	10,131
5.14 Perkhidmatan kesihatan swasta	11,117	12,130	13,207	2,866	2,474	2,880	2,898	2,786	3,032
5.15 Perkhidmatan pendidikan swasta	11,791	11,569	12,483	3,136	2,670	3,043	2,942	2,895	2,823
5.16 Perkhidmatan lain	45,493	43,356	48,085	12,730	9,909	11,486	11,367	11,041	10,784
5.17 Perkhidmatan kerajaan	128,315	135,279	142,033	30,440	30,249	32,353	35,273	32,123	32,327
6. tambah Duti import	15,755	17,023	18,812	3,542	3,529	3,979	4,705	4,160	4,594
KDNK pada harga pembeli	1,418,491	1,548,898	1,791,358	367,259	303,124	368,749	379,358	371,510	374,464

									RM Juta/ Million
2021		2022				2023			Kind of economic activity
III	IV	I	II	III	IV	I	II	III	
12,943	13,815	14,814	14,877	15,554	15,571	16,170	16,179	17,085	4. Construction
2,609	2,890	3,252	2,980	2,978	3,034	3,211	3,243	3,241	4.1 Residential buildings
2,668	3,620	3,334	3,698	3,616	4,083	3,619	3,883	3,548	4.2 Non-residential buildings
4,098	3,585	4,259	4,262	4,808	4,351	4,979	4,722	5,576	4.3 Civil engineering
3,568	3,720	3,969	3,937	4,152	4,103	4,361	4,330	4,719	4.4 Specialised construction activities
203,250	228,758	224,832	231,453	243,986	255,722	246,328	245,215	258,830	5. Services
7,777	8,578	7,951	8,234	8,470	8,536	8,014	8,502	8,672	5.1 Electricity and gas
2,575	2,615	2,336	2,517	2,774	2,768	2,508	2,772	2,917	5.2 Water, sewerage and waste management
28,211	31,778	27,599	29,905	32,697	33,575	29,085	30,998	34,740	5.3 Wholesale trade
27,291	32,983	31,910	34,407	36,304	40,865	37,765	36,904	38,160	5.4 Retail trade
3,413	7,445	6,625	6,717	8,363	8,456	7,807	7,362	9,594	5.5 Motor vehicles
8,506	9,622	10,899	11,243	11,677	11,807	12,156	11,993	12,539	5.6 Food and beverage
597	1,624	1,807	1,915	2,388	2,927	2,868	2,888	2,844	5.7 Accommodation
10,824	13,310	14,627	15,057	15,653	16,789	17,648	17,333	17,755	5.8 Transportation and storage
24,406	24,471	25,064	25,323	25,613	25,642	26,145	26,341	26,575	5.9 Information and communication
19,208	19,918	19,721	20,252	21,153	21,049	20,584	20,081	21,259	5.10 Finance
6,918	7,593	7,561	6,248	6,517	7,215	7,548	5,414	6,363	5.11 Insurance
4,257	4,313	5,667	5,730	5,785	5,829	5,825	5,879	6,196	5.12 Real estate
9,038	10,211	11,076	11,873	12,338	12,734	13,007	13,212	13,449	5.13 Business services
3,101	3,212	3,225	3,241	3,323	3,418	3,521	3,537	3,657	5.14 Private health services
2,920	2,931	3,008	3,015	3,212	3,248	3,328	3,334	3,400	5.15 Private education services
10,127	11,405	11,757	11,862	12,194	12,271	12,581	12,680	12,981	5.16 Other services
34,080	36,749	33,999	33,915	35,526	38,593	35,938	35,985	37,729	5.17 Government services
3,716	4,552	4,144	4,905	4,728	5,036	4,573	5,184	5,107	6. plus import duties
378,178	424,747	422,303	444,588	456,997	467,470	444,159	439,318	462,678	GDP at purchasers' prices

Jenis aktiviti ekonomi	2020	2021 ^a	2022 ^b	2020				2021	
				I	II	III	IV	I	II
1. Pertanian	99,109	99,000	99,073	22,532	24,421	27,938	24,218	22,596	24,090
1.1 Getah	2,444	2,230	1,790	701	441	625	678	612	443
1.2 Kelapa sawit	36,869	34,789	36,120	7,440	9,589	10,816	9,024	7,177	8,547
1.3 Ternakan	16,002	16,495	16,510	3,849	3,753	4,157	4,242	3,978	3,974
1.4 Pertanian lain	27,367	28,995	28,067	6,653	6,846	7,652	6,217	7,041	7,270
1.5 Perhutanan dan pembalakan	5,140	5,241	5,054	1,195	1,281	1,409	1,256	1,183	1,280
1.6 Perikanan laut	7,293	7,266	7,245	1,855	1,550	2,136	1,752	1,781	1,593
1.7 Akuakultur	3,992	3,984	4,287	838	961	1,143	1,050	825	983
2. Perlombongan dan pengkuarian	92,879	93,717	96,199	25,460	21,387	22,009	24,023	24,630	24,073
2.1 Minyak mentah dan kondensat	38,430	36,410	35,409	10,892	9,032	9,094	9,411	9,775	9,594
2.2 Gas asli	45,896	49,166	52,065	12,430	10,510	10,776	12,180	12,746	12,820
2.3 Perlombongan lain & pengkuarian dan perkhidmatan sokongan	8,554	8,142	8,726	2,138	1,844	2,139	2,432	2,109	1,660
3. Pembuatan	307,606	336,839	364,131	76,635	64,343	82,446	84,182	81,710	81,543
3.1 Minyak dan lemak daripada sayuran & haiwan	12,771	11,618	11,381	2,692	3,732	3,364	2,983	2,324	3,106
3.2 Prosesan makanan	18,110	19,898	21,474	4,087	4,559	4,990	4,473	4,436	5,011
3.3 Minuman	4,526	4,975	5,624	1,121	909	1,246	1,251	1,141	1,251
3.4 Produk tembakau	3,183	2,781	3,438	799	386	1,112	886	864	753
3.5 Tekstil dan pakaian	4,809	5,132	5,294	1,293	862	1,281	1,374	1,312	1,159
3.6 Kulit dan produk berkaitan	635	705	877	209	136	145	145	219	222
3.7 Keluaran kayu	6,768	7,383	7,903	1,910	1,091	1,841	1,926	1,896	1,700
3.8 Kertas dan produk kertas	4,547	5,238	5,637	1,162	1,025	1,279	1,081	1,289	1,294
3.9 Percetakan dan pengeluaran semula media rakaman	3,974	4,107	4,364	1,167	677	955	1,175	1,220	869
3.10 Produk petroleum bertapis	35,286	39,814	41,904	9,880	7,176	8,740	9,489	9,425	9,605
3.11 Bahan kimia & produk kimia dan produk farmaseutikal	32,201	35,532	36,580	8,230	6,838	8,358	8,775	8,749	7,921
3.12 Produk getah	12,076	14,722	12,285	1,753	2,922	3,622	3,779	3,027	4,351
3.13 Produk plastik	10,521	11,779	12,103	2,339	2,131	3,348	2,704	2,651	2,578
3.14 Produk mineral bukan logam	10,569	10,705	11,706	2,741	1,789	3,077	2,961	2,811	2,443
3.15 Logam asas	8,055	8,297	8,807	1,796	1,669	2,354	2,237	1,861	2,022
3.16 Produk logam yang direka	14,173	15,139	16,191	4,079	2,671	3,720	3,703	4,032	3,706
3.17 Jentera dan peralatan	10,212	11,291	12,007	3,201	2,232	2,535	2,244	3,367	2,628
3.18 Komputer dan kelengkapan peranti	5,637	6,407	6,730	1,361	1,150	1,555	1,572	1,489	1,563
3.19 Kelengkapan elektrik	6,317	7,187	7,924	1,530	1,676	1,390	1,720	1,643	2,102
3.20 Komponen & papan elektronik, peralatan komunikasi dan elektronik pengguna	63,889	74,092	86,501	16,561	13,355	16,638	17,335	18,608	17,086
3.21 Pembuatan peralatan perubatan, ketetapan & optik, jam tangan dan jam	5,307	5,768	6,452	989	1,311	1,439	1,568	1,040	1,540
3.22 Kenderaan bermotor dan peralatan pengangkutan	24,935	25,275	29,104	5,419	4,569	6,663	8,284	5,923	6,482
3.23 Perabot	4,785	4,613	5,058	1,360	890	1,294	1,242	1,417	1,245
3.24 Pembuatan lain dan pembaikan & pemasangan mesin dan kelengkapan	4,320	4,380	4,785	956	588	1,501	1,275	967	905

									RM Juta/ Million
2021		2022				2023			Kind of economic activity
III	IV	I	II	III	IV	I	II	III	
27,356	24,958	22,610	23,526	27,697	25,240	22,834	23,295	27,919	1. Agriculture
627	548	473	367	522	428	410	381	437	1.1 Rubber
9,613	9,453	7,456	8,209	10,099	10,356	7,712	7,640	10,326	1.2 Oil palm
4,284	4,259	4,042	3,905	4,398	4,166	3,951	3,923	4,446	1.3 Livestock
8,123	6,561	6,837	7,170	7,823	6,237	7,016	7,642	8,042	1.4 Other agriculture
1,437	1,341	1,109	1,211	1,465	1,268	1,084	1,081	1,314	1.5 Forestry and logging
2,181	1,710	1,843	1,585	2,138	1,678	1,814	1,580	2,136	1.6 Marine fishing
1,091	1,085	850	1,078	1,252	1,107	848	1,050	1,217	1.7 Aquaculture
21,207	23,807	24,087	23,666	23,133	25,314	24,675	23,128	23,113	2. Mining and quarrying
8,281	8,760	8,863	8,975	8,435	9,136	9,213	8,837	8,616	2.1 Crude oil and condensate
10,987	12,612	13,096	12,937	12,494	13,538	13,180	12,469	12,215	2.2 Natural gas
1,938	2,435	2,127	1,754	2,204	2,640	2,282	1,821	2,282	2.3 Other mining & quarrying and supporting services
81,697	91,889	87,181	89,039	92,399	95,513	89,996	89,151	92,296	3. Manufacturing
2,963	3,225	2,328	2,819	2,952	3,282	2,642	2,832	2,944	3.1 Vegetable and animal oils & fats
5,440	5,011	4,768	5,500	5,893	5,313	4,962	5,665	6,261	3.2 Food processing
1,190	1,393	1,224	1,519	1,459	1,422	1,204	1,540	1,466	3.3 Beverages
215	949	898	1,065	648	827	1,036	1,272	738	3.4 Tobacco products
1,231	1,431	1,381	1,210	1,304	1,399	1,378	1,240	1,300	3.5 Textile and wearing apparel
115	149	224	268	209	176	241	293	219	3.6 Leather and related products
1,690	2,096	2,071	1,891	2,004	1,937	1,896	1,799	1,949	3.7 Wood products
1,394	1,260	1,395	1,404	1,558	1,281	1,445	1,449	1,600	3.8 Paper and paper products
831	1,188	1,237	970	900	1,257	1,281	1,033	981	3.9 Printing and reproduction of recorded media
10,409	10,375	9,665	9,877	11,506	10,857	10,270	9,649	10,538	3.10 Refined petroleum products
9,137	9,724	8,925	8,298	9,482	9,874	9,158	8,638	10,029	3.11 Chemicals & chemical products and pharmaceutical products
3,952	3,392	2,362	3,380	3,444	3,099	2,191	2,961	3,222	3.12 Rubber products
3,646	2,904	2,789	2,685	3,837	2,792	2,545	2,596	3,797	3.13 Plastics products
2,430	3,021	2,974	2,771	2,884	3,077	3,073	2,846	3,021	3.14 Non-metallic mineral products
2,045	2,369	1,989	2,213	2,232	2,372	2,021	2,320	2,291	3.15 Basic metals
3,385	4,017	4,204	4,033	3,803	4,151	4,390	4,342	4,099	3.16 Fabricated metal products
2,684	2,612	3,589	2,787	2,978	2,654	3,627	2,729	2,844	3.17 Machinery and equipment
1,617	1,738	1,624	1,699	1,777	1,630	1,498	1,553	2,043	3.18 Computers and peripheral equipment
1,487	1,956	1,882	2,250	1,688	2,103	1,920	2,333	1,719	3.19 Electrical equipment
18,004	20,395	21,949	20,390	21,451	22,712	23,054	19,996	20,421	3.20 Electronic components & boards, communication equipment and consumer electronics
1,441	1,747	1,115	1,656	1,718	1,962	1,200	1,751	1,832	3.21 Manufacture of medical, precision & optical instruments, watches and clocks
4,431	8,439	6,062	7,875	6,303	8,864	6,565	7,902	6,615	3.22 Motor vehicles and transport equipment
779	1,172	1,522	1,467	975	1,094	1,354	1,369	945	3.23 Furniture
1,181	1,327	1,000	1,013	1,392	1,380	1,044	1,046	1,423	3.24 Other manufacturing and repair & installation of machinery and equipment

JADUAL 4B KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Malar 2015
TABLE GDP by Kind of Economic Activity at Constant 2015 Prices

Jenis aktiviti ekonomi	2020	2021 ^a	2022 ^b	2020				2021	
				I	II	III	IV	I	II
4. Pembinaan	53,616	50,889	53,441	15,377	9,003	14,890	14,346	13,786	12,639
4.1 Bangunan kediaman	12,819	11,228	11,099	3,605	2,215	3,414	3,584	3,439	2,585
4.2 Bangunan bukan kediaman	11,945	11,711	13,145	3,134	2,209	2,849	3,754	2,944	2,991
4.3 Kejuruteraan awam	17,836	14,658	14,618	5,923	2,454	5,629	3,830	4,223	3,695
4.4 Aktiviti pembinaan pertukangan khas	11,015	13,292	14,580	2,714	2,124	2,998	3,178	3,180	3,369
5. Perkhidmatan	777,693	794,552	881,310	201,339	168,097	201,009	207,248	197,305	191,355
5.1 Elektrik dan gas	29,610	30,203	31,300	7,414	6,966	7,595	7,635	7,386	7,486
5.2 Air, pembentungan dan pengurusan sisa	8,341	8,821	9,037	1,936	2,076	2,141	2,188	2,126	2,188
5.3 Perdagangan borong	102,246	105,879	109,643	24,699	20,960	27,811	28,776	24,948	25,037
5.4 Perdagangan runcit	103,999	107,147	126,712	27,022	20,858	26,794	29,325	27,221	25,259
5.5 Kenderaan bermotor	22,315	20,118	28,157	5,236	2,878	7,325	6,876	5,694	3,821
5.6 Makanan dan minuman	31,675	29,061	35,285	9,786	6,616	7,585	7,688	7,492	7,064
5.7 Penginapan	4,864	3,670	8,262	2,195	500	1,157	1,013	894	729
5.8 Pengangkutan dan penyimpanan	42,078	42,653	55,799	12,706	7,269	11,237	10,865	10,584	10,011
5.9 Maklumat dan komunikasi	89,203	94,639	99,576	21,830	22,162	22,622	22,589	23,163	23,403
5.10 Kewangan	70,952	77,433	79,332	17,653	15,391	18,803	19,105	19,584	19,665
5.11 Insurans	25,150	28,406	27,335	6,579	5,990	5,857	6,725	7,364	6,648
5.12 Hartanah	17,766	15,497	19,915	5,310	3,659	4,470	4,327	4,352	3,682
5.13 Perkhidmatan perniagaan	40,999	37,591	45,228	11,853	9,323	9,985	9,837	9,771	9,567
5.14 Perkhidmatan kesihatan swasta	9,454	10,204	11,072	2,453	2,101	2,442	2,458	2,340	2,553
5.15 Perkhidmatan pendidikan swasta	10,994	10,691	11,440	2,885	2,524	2,825	2,759	2,630	2,643
5.16 Perkhidmatan lain	43,347	41,055	45,202	12,196	9,422	10,918	10,811	10,532	10,181
5.17 Perkhidmatan kerajaan	124,699	131,484	138,015	29,586	29,401	31,442	34,270	31,222	31,420
6. tambah Duti import	15,346	15,646	16,785	3,347	3,435	3,844	4,720	3,978	4,068
KDNK pada harga pembeli	1,346,249	1,390,644	1,510,939	344,690	290,686	352,137	358,736	344,005	337,770

									RM Juta/ Million
2021		2022				2023			Kind of economic activity
III	IV	I	II	III	IV	I	II	III	
11,843	12,620	12,945	12,953	13,655	13,889	13,906	13,759	14,641	4. Construction
2,486	2,718	2,916	2,657	2,733	2,793	2,816	2,820	2,902	4.1 Residential buildings
2,466	3,310	2,971	3,293	3,219	3,663	3,162	3,367	3,067	4.2 Non-residential buildings
3,620	3,120	3,548	3,400	3,985	3,685	4,114	3,739	4,567	4.3 Civil engineering
3,271	3,472	3,510	3,603	3,718	3,748	3,815	3,833	4,105	4.4 Specialised construction activities
191,818	214,074	209,973	214,034	223,829	233,475	225,342	224,105	235,073	5. Services
7,351	7,979	7,571	7,874	7,967	7,889	7,589	8,075	8,128	5.1 Electricity and gas
2,235	2,272	2,178	2,190	2,340	2,328	2,266	2,344	2,405	5.2 Water, sewerage and waste management
27,019	28,874	25,262	26,377	28,951	29,052	26,097	27,567	30,745	5.3 Wholesale trade
24,787	29,881	28,679	30,706	31,716	35,610	32,829	32,286	32,778	5.4 Retail trade
3,343	7,260	6,237	6,353	7,777	7,790	6,937	6,565	8,631	5.5 Motor vehicles
6,743	7,762	8,747	8,792	8,831	8,915	9,069	8,935	9,028	5.6 Food and beverage
554	1,492	1,664	1,743	2,189	2,665	2,591	2,597	2,558	5.7 Accommodation
9,907	12,150	13,282	13,579	13,983	14,956	15,539	15,412	15,773	5.8 Transportation and storage
23,985	24,089	24,632	24,782	25,073	25,090	25,574	25,686	25,952	5.9 Information and communication
18,850	19,334	19,151	19,695	20,368	20,118	19,683	19,313	20,316	5.10 Finance
6,879	7,515	7,511	6,218	6,472	7,134	7,493	5,385	6,318	5.11 Insurance
3,710	3,753	4,932	4,956	4,997	5,030	5,028	5,052	5,323	5.12 Real estate
8,542	9,711	10,505	11,153	11,563	12,007	12,202	12,351	12,558	5.13 Business services
2,609	2,702	2,707	2,718	2,783	2,865	2,942	2,954	3,053	5.14 Private health services
2,691	2,727	2,723	2,798	2,931	2,987	2,981	3,063	3,075	5.15 Private education services
9,488	10,855	11,156	11,143	11,365	11,538	11,811	11,760	11,988	5.16 Other services
33,124	35,718	33,037	32,956	34,521	37,501	34,713	34,759	36,443	5.17 Government services
3,365	4,235	3,808	4,228	4,171	4,577	4,211	4,510	4,540	6. plus import duties
337,286	371,583	360,603	367,444	384,884	398,008	380,966	377,949	397,582	GDP at purchasers' prices

JADUAL **5A** KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Semasa - Perubahan peratusan dari suku tahun yang sama tahun sebelumnya
TABLE *GDP by Kind of Economic Activity at Current Prices - Percentage change from corresponding quarter of preceding year*

Jenis aktiviti ekonomi	2020	2021 ^a	2022 ^b	2020				2021	
				I	II	III	IV	I	II
1. Pertanian	5.7	28.0	7.8	-1.6	4.6	8.4	10.5	18.9	31.1
1.1 Getah	-22.1	20.7	-22.2	-18.9	-45.1	-30.1	2.8	8.9	61.9
1.2 Kelapa sawit	26.4	54.2	12.9	2.9	23.6	40.9	34.0	43.1	64.2
1.3 Ternakan	1.5	9.5	3.9	3.3	4.1	-0.8	-0.1	7.2	11.0
1.4 Pertanian lain	-2.6	7.8	-0.1	1.6	1.7	-6.6	-6.5	7.2	8.0
1.5 Perhutanan dan pembalakan	-17.5	6.0	5.0	-21.7	-20.4	-16.9	-10.1	-1.4	0.7
1.6 Perikanan laut	-18.9	5.9	6.8	-16.8	-22.9	-21.9	-13.0	-4.3	10.2
1.7 Akuakultur	-2.9	-2.4	12.0	3.6	1.2	-3.8	-10.2	-6.2	-3.6
2. Perlombongan dan pengkuarian	-26.6	29.3	42.2	-9.9	-39.1	-27.5	-30.2	-3.9	52.2
2.1 Minyak mentah dan kondensat	-39.3	41.8	39.8	-15.7	-57.8	-36.8	-46.2	-3.5	118.8
2.2 Gas asli	-14.5	24.9	48.8	-4.8	-17.2	-19.0	-17.9	-4.8	18.4
2.3 Perlombongan lain & pengkuarian dan perkhidmatan sokongan	-14.2	-0.5	14.1	-1.2	-27.8	-18.3	-8.2	-0.6	-6.2
3. Pembuatan	-2.6	14.9	15.7	3.5	-18.6	2.3	2.5	7.7	31.5
3.1 Minyak dan lemak daripada sayuran & haiwan	13.6	18.9	10.6	-1.2	25.9	26.6	4.9	12.7	13.5
3.2 Prosesan makanan	9.7	18.3	20.0	12.6	9.1	9.8	7.8	15.3	16.9
3.3 Minuman	-14.1	12.9	13.6	1.4	-37.1	-9.4	-7.2	5.1	42.0
3.4 Produk tembakau	-18.0	-12.7	23.6	-2.1	-67.8	7.0	7.1	8.0	95.2
3.5 Tekstil dan pakaian	-11.0	9.3	10.7	4.5	-39.9	-5.6	0.4	2.3	30.6
3.6 Kulit dan produk berkaitan	-13.0	17.0	22.9	10.8	-40.1	-16.1	2.3	11.5	75.3
3.7 Keluaran kayu	-15.0	11.5	16.1	-0.9	-42.9	-10.9	-5.6	-4.2	55.8
3.8 Kertas dan produk kertas	-3.6	20.5	14.8	-2.2	-20.7	4.2	7.4	14.0	31.3
3.9 Percetakan dan pengeluaran semula media rakaman	-7.2	0.7	6.4	5.7	-32.0	-2.1	-2.0	-0.6	22.3
3.10 Produk petroleum bertapis	-11.3	32.1	25.1	4.4	-28.3	-12.2	-9.2	0.5	49.1
3.11 Bahan kimia & produk kimia dan produk farmaseutikal	-8.4	19.7	9.9	1.1	-18.1	-9.4	-7.3	6.8	23.7
3.12 Produk getah	56.6	31.3	-19.6	20.9	45.8	65.7	79.2	94.6	68.3
3.13 Produk plastik	0.7	13.6	7.2	-2.1	-9.6	6.7	5.5	13.7	22.0
3.14 Produk mineral bukan logam	-20.0	-2.0	13.9	-2.7	-49.9	-14.3	-8.5	-3.4	30.8
3.15 Logam asas	-3.9	12.5	15.7	3.5	-27.4	4.5	6.4	5.4	31.6
3.16 Produk logam yang direka	-17.4	8.4	13.1	-1.8	-43.2	-13.0	-7.5	-2.2	38.0
3.17 Jentera dan peralatan	-2.5	10.1	7.6	-3.8	-8.1	2.2	0.9	3.4	16.3
3.18 Komputer dan kelengkapan peranti	6.5	8.9	-0.9	-4.5	-14.3	24.0	20.8	24.0	38.0
3.19 Kelengkapan elektrik	4.6	16.3	24.1	4.1	-1.7	12.1	6.0	7.7	26.1
3.20 Komponen & papan elektronik, peralatan komunikasi dan elektronik pengguna	5.7	11.2	23.4	10.9	-5.2	11.1	5.4	6.1	20.9
3.21 Pembuatan peralatan perubatan, ketetapan & optik, jam tangan dan jam	-5.4	11.1	13.7	-4.1	-13.0	-5.0	0.7	7.2	19.7
3.22 Kenderaan bermotor dan peralatan pengangkutan	-7.4	3.2	20.6	-4.7	-32.4	1.3	5.9	9.8	42.3
3.23 Perabot	-5.7	-4.3	11.7	4.2	-36.9	7.2	6.6	3.8	41.5
3.24 Pembuatan lain dan pembaikan & pemasangan mesin dan kelengkapan	-8.8	0.7	10.5	3.2	-39.5	0.0	-3.5	0.7	44.9

									(%)
2021		2022				2023			Kind of economic activity
III	IV	I	II	III	IV	I	II	III	
24.8	36.1	28.1	26.5	-0.6	-13.8	-19.7	-26.3	0.1	1. Agriculture
42.0	-3.4	-12.3	-12.6	-22.4	-39.1	-33.1	-14.9	-20.9	1.1 Rubber
43.9	63.8	59.5	49.0	-5.0	-21.7	-37.6	-46.9	-0.9	1.2 Oil palm
7.5	12.5	7.8	2.6	5.9	-0.2	3.5	6.6	4.6	1.3 Livestock
8.3	7.9	-0.9	2.5	1.3	-4.0	5.8	3.7	1.5	1.4 Other agriculture
7.3	16.9	-2.3	1.7	14.2	4.1	12.6	3.2	-5.8	1.5 Forestry and logging
11.8	5.4	10.4	10.5	3.5	4.1	0.4	8.6	5.5	1.6 Marine fishing
-4.1	4.3	4.7	13.4	20.6	6.7	2.7	0.8	-0.5	1.7 Aquaculture
35.0	48.0	41.9	46.8	54.3	27.7	-0.3	-18.0	-19.6	2. Mining and quarrying
30.9	61.8	44.9	49.8	45.0	17.0	-12.7	-28.5	-15.5	2.1 Crude oil and condensate
47.5	47.7	44.7	47.6	66.6	38.1	10.8	-7.4	-24.7	2.2 Natural gas
-4.9	7.7	8.3	14.7	20.5	13.7	12.0	5.6	3.2	2.3 Other mining & quarrying and supporting services
6.2	17.2	14.4	17.5	21.5	10.0	6.5	-0.5	-2.3	3. Manufacturing
15.1	32.4	21.4	11.6	10.9	2.6	3.7	-32.0	-20.7	3.1 Vegetable and animal oils & fats
16.1	25.0	20.2	24.4	22.9	12.4	10.5	7.8	7.9	3.2 Food processing
-2.4	14.0	7.1	21.5	23.7	3.5	0.3	1.7	1.5	3.3 Beverages
-80.7	6.9	3.9	41.3	201.7	-12.9	15.7	21.8	14.9	3.4 Tobacco products
1.0	10.2	12.5	13.8	13.6	4.5	0.0	2.7	2.5	3.5 Textile and wearing apparel
-15.7	4.5	1.9	18.1	77.9	17.2	6.1	12.4	9.2	3.6 Leather and related products
-4.9	17.6	18.6	20.8	28.6	0.2	-4.7	-2.4	-4.2	3.7 Wood products
14.7	23.8	14.2	15.4	20.4	8.5	8.3	4.1	0.8	3.8 Paper and paper products
-13.9	1.0	0.6	11.2	7.9	7.5	6.0	5.0	6.1	3.9 Printing and reproduction of recorded media
49.3	38.0	25.6	26.2	30.8	18.3	8.9	-6.2	-18.4	3.10 Refined petroleum products
22.8	26.2	15.3	14.2	8.1	3.9	1.1	0.8	0.6	3.11 Chemicals & chemical products and pharmaceutical products
18.6	-9.5	-23.4	-24.7	-16.5	-13.2	-10.3	-14.2	-8.2	3.12 Rubber products
10.4	10.7	9.8	7.7	10.7	0.3	-6.7	-0.6	-0.1	3.13 Plastics products
-23.8	2.1	8.6	17.9	25.3	6.6	5.8	4.6	6.4	3.14 Non-metallic mineral products
-3.3	21.0	21.0	24.4	19.2	2.1	1.6	2.7	2.7	3.15 Basic metals
-6.8	13.9	11.5	17.7	18.2	6.4	6.0	8.1	10.4	3.16 Fabricated metal products
6.9	17.3	7.3	7.2	12.7	3.3	1.4	-3.8	-8.8	3.17 Machinery and equipment
-9.9	-4.4	-8.7	0.5	9.9	-4.3	-5.4	-6.5	17.6	3.18 Computers and peripheral equipment
9.8	19.3	25.1	20.6	30.2	22.4	7.1	5.9	1.9	3.19 Electrical equipment
2.3	17.3	21.4	24.8	27.7	20.3	13.7	2.7	0.1	3.20 Electronic components & boards, communication equipment and consumer electronics
3.9	12.8	8.4	9.3	21.1	14.6	10.0	6.8	9.7	3.21 Manufacture of medical, precision & optical instruments, watches and clocks
-30.1	3.1	4.1	26.7	49.6	11.6	12.5	3.6	8.7	3.22 Motor vehicles and transport equipment
-40.8	-6.6	6.4	18.2	33.8	-3.6	-8.0	-3.9	-0.2	3.23 Furniture
-24.1	4.9	3.5	13.8	21.4	6.0	5.6	7.0	7.6	3.24 Other manufacturing and repair & installation of machinery and equipment

JADUAL 5A KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Semasa - Perubahan peratusan dari suku tahun yang sama tahun sebelumnya
TABLE GDP by Kind of Economic Activity at Current Prices - Percentage change from corresponding quarter of preceding year

Jenis aktiviti ekonomi	2020	2021 ^a	2022 ^b	2020				2021	
				I	II	III	IV	I	II
4. Pembinaan	-18.9	-3.4	9.2	-6.2	-44.2	-12.2	-13.7	-10.2	42.8
4.1 Bangunan kediaman	-16.0	-10.7	2.6	-7.2	-37.5	-11.1	-10.1	-3.8	18.4
4.2 Bangunan bukan kediaman	-15.5	0.3	16.7	-10.1	-34.0	-14.6	-5.3	-5.2	37.8
4.3 Kejuruteraan awam	-27.1	-16.0	5.1	-1.7	-58.6	-16.6	-32.7	-28.7	53.0
4.4 Aktiviti pembinaan pertukangan khas	-8.8	22.9	12.8	-9.9	-32.5	-0.5	9.4	18.4	60.8
5. Perkhidmatan	-4.9	2.9	13.6	3.8	-15.5	-3.3	-4.5	-2.0	14.8
5.1 Elektrik dan gas	-3.4	1.5	3.9	1.6	-10.1	-3.5	-1.5	-1.8	7.3
5.2 Air, pembentungan dan pengurusan sisa	8.8	8.5	5.4	2.5	9.9	11.3	10.9	11.8	9.0
5.3 Perdagangan borong	-5.1	5.5	10.6	3.4	-19.9	-3.7	-0.3	0.4	21.3
5.4 Perdagangan runcit	-4.4	4.5	23.1	3.4	-18.2	-0.8	-2.6	1.3	23.1
5.5 Kenderaan bermotor	-10.0	-9.8	45.6	-4.8	-48.1	3.5	3.8	8.8	29.9
5.6 Makanan dan minuman	-18.3	-5.0	27.1	6.0	-29.6	-20.7	-27.0	-21.0	11.0
5.7 Penginapan	-50.3	-24.0	127.1	-3.7	-79.0	-54.5	-60.8	-59.1	47.5
5.8 Pengangkutan dan penyimpanan	-20.5	2.6	33.4	-0.9	-44.0	-15.1	-21.8	-15.4	39.4
5.9 Maklumat dan komunikasi	5.8	6.1	5.6	6.8	4.7	5.1	6.9	5.9	5.6
5.10 Kewangan	2.0	9.5	3.8	3.8	-9.6	7.7	5.8	10.8	28.2
5.11 Insurans	4.9	13.0	-3.7	8.0	4.9	-0.4	6.8	11.9	11.1
5.12 Hartanah	-16.3	-12.0	29.6	2.9	-30.5	-16.9	-20.1	-17.0	1.9
5.13 Perkhidmatan perniagaan	-12.9	-7.9	21.2	5.4	-20.7	-13.8	-21.0	-17.2	3.5
5.14 Perkhidmatan kesihatan swasta	-3.3	9.1	8.9	5.1	-15.4	-1.4	-0.9	-2.8	22.6
5.15 Perkhidmatan pendidikan swasta	-5.8	-1.9	7.9	5.7	-11.0	-7.8	-9.3	-7.7	5.7
5.16 Perkhidmatan lain	-10.8	-4.7	10.9	1.9	-21.7	-10.8	-12.5	-13.3	8.8
5.17 Perkhidmatan kerajaan	5.0	5.4	5.0	5.5	3.5	6.0	4.8	5.5	6.9
6. tambah Duti import	-7.6	8.0	10.5	-14.8	-19.2	-8.2	12.2	17.4	30.2
KDNK pada harga pembeli	-6.2	9.2	15.7	1.3	-18.4	-3.5	-4.3	1.2	23.5

									(%)
2021		2022				2023			Kind of economic activity
III	IV	I	II	III	IV	I	II	III	
-18.8	-9.1	-2.0	7.4	20.2	12.7	9.2	8.7	9.8	4. Construction
-26.1	-21.7	-11.5	7.7	14.1	5.0	-1.3	8.8	8.8	4.1 Residential buildings
-11.1	-8.3	5.8	16.0	35.5	12.8	8.5	5.0	-1.9	4.2 Non-residential buildings
-34.1	-15.5	-11.5	-1.6	17.3	21.4	16.9	10.8	16.0	4.3 Civil engineering
12.1	12.1	14.3	10.6	16.4	10.3	9.9	10.0	13.7	4.4 Specialised construction activities
-3.8	4.5	8.6	14.5	20.0	11.8	9.6	5.9	6.1	5. Services
-3.5	4.6	2.8	4.9	8.9	-0.5	0.8	3.3	2.4	5.1 Electricity and gas
7.1	6.7	5.9	2.2	7.7	5.9	7.3	10.1	5.2	5.2 Water, sewerage and waste management
-0.9	4.7	7.4	14.0	15.9	5.7	5.4	3.7	6.2	5.3 Wholesale trade
-5.9	3.9	10.6	25.4	33.0	23.9	18.3	7.3	5.1	5.4 Retail trade
-54.2	5.7	11.3	72.0	145.0	13.6	17.8	9.6	14.7	5.5 Motor vehicles
-7.0	3.4	20.0	29.3	37.3	22.7	11.5	6.7	7.4	5.6 Food and beverage
-51.9	48.4	87.0	141.6	299.8	80.2	58.7	50.8	19.1	5.7 Accommodation
-11.1	13.0	27.3	37.6	44.6	26.1	20.7	15.1	13.4	5.8 Transportation and storage
6.1	6.8	6.6	6.2	4.9	4.8	4.3	4.0	3.8	5.9 Information and communication
0.8	1.9	-1.6	1.1	10.1	5.7	4.4	-0.8	0.5	5.10 Finance
17.6	11.9	2.1	-6.5	-5.8	-5.0	-0.2	-13.3	-2.4	5.11 Insurance
-16.6	-13.0	14.4	35.6	35.9	35.2	2.8	2.6	7.1	5.12 Real estate
-14.1	-1.0	8.2	17.2	36.5	24.7	17.4	11.3	9.0	5.13 Business services
7.7	10.8	15.8	6.9	7.1	6.4	9.2	9.1	10.1	5.14 Private health services
-4.0	-0.4	3.9	6.8	10.0	10.8	10.6	10.6	5.8	5.15 Private education services
-11.8	0.3	6.5	10.0	20.4	7.6	7.0	6.9	6.5	5.16 Other services
5.3	4.2	5.8	4.9	4.2	5.0	5.7	6.1	6.2	5.17 Government services
-6.6	-3.2	-0.4	6.8	27.2	10.6	10.4	5.7	8.0	6. plus import duties
2.6	12.0	13.7	18.7	20.8	10.1	5.2	-1.2	1.2	GDP at purchasers' prices

Jenis aktiviti ekonomi	2020	2021 ^a	2022 ^b	2020				2021	
				I	II	III	IV	I	II
1. Pertanian	-2.4	-0.1	0.1	-8.8	0.6	-0.5	-1.2	0.3	-1.4
1.1 Getah	-18.6	-8.8	-19.7	-18.3	-22.1	-24.0	-10.4	-12.7	0.5
1.2 Kelapa sawit	-3.6	-5.6	3.8	-22.0	7.5	2.6	-2.4	-3.5	-10.9
1.3 Ternakan	3.5	3.1	0.1	8.2	1.3	1.9	3.0	3.4	5.9
1.4 Pertanian lain	3.8	5.9	-3.2	5.8	3.3	3.7	2.4	5.8	6.2
1.5 Perhutanan dan pembalakan	-19.5	2.0	-3.6	-24.2	-22.9	-19.5	-9.9	-1.0	-0.1
1.6 Perikanan laut	-9.4	-0.4	-0.3	-8.9	-14.6	-10.5	-3.6	-4.0	2.8
1.7 Akuakultur	-1.9	-0.2	7.6	-0.8	-1.4	1.0	-6.0	-1.6	2.3
2. Perlombongan dan pengkuarian	-9.7	0.9	2.6	-2.9	-19.2	-6.6	-9.8	-3.3	12.6
2.1 Minyak mentah dan kondensat	-9.5	-5.3	-2.7	-3.4	-18.8	-3.1	-11.9	-10.3	6.2
2.2 Gas asli	-9.4	7.1	5.9	-2.9	-18.2	-7.4	-8.8	2.5	22.0
2.3 Perlombongan lain & pengkuarian dan perkhidmatan sokongan	-12.6	-4.8	7.2	0.3	-26.5	-16.1	-6.1	-1.4	-10.0
3. Pembuatan	-2.7	9.5	8.1	1.3	-18.6	3.2	3.0	6.6	26.7
3.1 Minyak dan lemak daripada sayuran & haiwan	-3.1	-9.0	-2.0	-16.9	14.9	10.6	-18.2	-13.6	-16.8
3.2 Prosesan makanan	4.9	9.9	7.9	8.1	4.2	4.7	2.9	8.5	9.9
3.3 Minuman	-14.3	9.9	13.0	-0.5	-36.9	-9.1	-7.0	1.8	37.7
3.4 Produk tembakau	-18.4	-12.6	23.6	-2.5	-68.0	6.4	6.6	8.1	95.4
3.5 Tekstil dan pakaian	-12.0	6.7	3.1	3.6	-41.1	-6.6	-0.7	1.5	34.4
3.6 Kulit dan produk berkaitan	-19.2	11.1	24.3	3.5	-44.9	-22.3	-3.9	4.7	63.8
3.7 Keluaran kayu	-12.0	9.1	7.0	2.3	-41.5	-8.4	-1.2	-0.7	55.8
3.8 Kertas dan produk kertas	-2.7	15.2	7.6	-0.6	-19.4	5.7	5.8	10.9	26.3
3.9 Percetakan dan pengeluaran semula media rakaman	-5.0	3.3	6.2	1.4	-29.6	2.9	3.0	4.5	28.4
3.10 Produk petroleum bertapis	-9.6	12.8	5.2	3.7	-26.5	-8.5	-6.9	-4.6	33.8
3.11 Bahan kimia & produk kimia dan produk farmaseutikal	-4.6	10.3	2.9	2.1	-14.0	-4.1	-3.0	6.3	15.8
3.12 Produk getah	52.1	21.9	-16.6	20.5	47.6	62.3	66.2	72.7	48.9
3.13 Produk plastik	2.6	12.0	2.7	-0.2	-8.0	8.9	7.5	13.3	21.0
3.14 Produk mineral bukan logam	-15.0	1.3	9.3	-0.4	-46.5	-7.8	-1.3	2.5	36.5
3.15 Logam asas	-5.2	3.0	6.1	0.9	-26.8	3.5	3.4	3.6	21.2
3.16 Produk logam yang direka	-15.5	6.8	6.9	-0.2	-42.0	-11.0	-5.2	-1.2	38.7
3.17 Jentera dan peralatan	1.4	10.6	6.3	-0.4	-4.4	6.7	4.3	5.2	17.8
3.18 Komputer dan kelengkapan peranti	-1.4	13.7	5.0	-6.7	-19.2	11.8	8.9	9.4	35.9
3.19 Kelengkapan elektrik	0.4	13.8	10.2	-0.7	-6.3	7.2	3.3	7.4	25.4
3.20 Komponen & papan elektronik, peralatan komunikasi dan elektronik pengguna	3.6	16.0	16.7	3.6	-9.1	10.1	9.2	12.4	27.9
3.21 Pembuatan peralatan perubatan, ketetapan & optik, jam tangan dan jam	-1.3	8.7	11.8	0.4	-7.4	1.5	0.4	5.2	17.4
3.22 Kenderaan bermotor dan peralatan pengangkutan	-4.7	1.4	15.1	-2.0	-32.0	5.8	8.7	9.3	41.9
3.23 Perabot	-6.9	-3.6	9.6	1.3	-34.7	4.5	3.8	4.2	40.0
3.24 Pembuatan lain dan pembaikan & pemasangan mesin dan kelengkapan	-8.4	1.4	9.2	0.3	-38.8	0.1	-2.0	1.1	53.9

									(%)
2021		2022				2023			Kind of economic activity
III	IV	I	II	III	IV	I	II	III	
-2.1	3.1	0.1	-2.3	1.2	1.1	1.0	-1.0	0.8	1. Agriculture
0.4	-19.1	-22.6	-17.2	-16.8	-21.9	-13.5	3.7	-16.2	1.1 Rubber
-11.1	4.8	3.9	-3.9	5.1	9.6	3.4	-6.9	2.2	1.2 Oil palm
3.0	0.4	1.6	-1.7	2.7	-2.2	-2.2	0.5	1.1	1.3 Livestock
6.2	5.5	-2.9	-1.4	-3.7	-4.9	2.6	6.6	2.8	1.4 Other agriculture
2.0	6.8	-6.2	-5.4	2.0	-5.5	-2.3	-10.8	-10.4	1.5 Forestry and logging
2.1	-2.4	3.5	-0.5	-2.0	-1.9	-1.6	-0.3	-0.1	1.6 Marine fishing
-4.6	3.3	3.1	9.7	14.7	2.1	-0.2	-2.6	-2.7	1.7 Aquaculture
-3.6	-0.9	-2.2	-1.7	9.1	6.3	2.4	-2.3	-0.1	2. Mining and quarrying
-8.9	-6.9	-9.3	-6.5	1.9	4.3	4.0	-1.5	2.1	2.1 Crude oil and condensate
2.0	3.6	2.7	0.9	13.7	7.3	0.6	-3.6	-2.2	2.2 Natural gas
-9.4	0.1	0.9	5.7	13.7	8.4	7.3	3.8	3.5	2.3 Other mining & quarrying and supporting services
-0.9	9.2	6.7	9.2	13.1	3.9	3.2	0.1	-0.1	3. Manufacturing
-11.9	8.1	0.2	-9.2	-0.3	1.8	13.5	0.5	-0.3	3.1 Vegetable and animal oils & fats
9.0	12.0	7.5	9.8	8.3	6.0	4.1	3.0	6.3	3.2 Food processing
-4.4	11.3	7.3	21.4	22.5	2.1	-1.7	1.4	0.5	3.3 Beverages
-80.7	7.0	4.0	41.4	201.7	-12.9	15.4	19.4	13.8	3.4 Tobacco products
-3.9	4.2	5.3	4.4	5.9	-2.3	-0.2	2.5	-0.3	3.5 Textile and wearing apparel
-20.4	2.5	2.2	20.9	81.1	18.2	7.4	9.2	4.9	3.6 Leather and related products
-8.2	8.8	9.2	11.3	18.5	-7.6	-8.4	-4.9	-2.7	3.7 Wood products
9.0	16.6	8.2	8.4	11.8	1.6	3.6	3.2	2.7	3.8 Paper and paper products
-13.0	1.1	1.4	11.5	8.4	5.8	3.6	6.5	8.9	3.9 Printing and reproduction of recorded media
19.1	9.3	2.5	2.8	10.5	4.6	6.3	-2.3	-8.4	3.10 Refined petroleum products
9.3	10.8	2.0	4.8	3.8	1.5	2.6	4.1	5.8	3.11 Chemicals & chemical products and pharmaceutical products
9.1	-10.2	-22.0	-22.3	-12.8	-8.7	-7.2	-12.4	-6.5	3.12 Rubber products
8.9	7.4	5.2	4.1	5.2	-3.9	-8.8	-3.3	-1.1	3.13 Plastics products
-21.0	2.0	5.8	13.4	18.7	1.8	3.3	2.7	4.7	3.14 Non-metallic mineral products
-13.1	5.9	6.9	9.5	9.2	0.1	1.6	4.8	2.7	3.15 Basic metals
-9.0	8.5	4.3	8.8	12.4	3.3	4.4	7.7	7.8	3.16 Fabricated metal products
5.9	16.4	6.6	6.0	10.9	1.6	1.1	-2.1	-4.5	3.17 Machinery and equipment
4.0	10.6	9.1	8.7	9.9	-6.2	-7.8	-8.6	14.9	3.18 Computers and peripheral equipment
6.9	13.7	14.5	7.1	13.6	7.5	2.0	3.7	1.8	3.19 Electrical equipment
8.2	17.6	18.0	19.3	19.1	11.4	5.0	-1.9	-4.8	3.20 Electronic components & boards, communication equipment and consumer electronics
0.2	11.5	7.3	7.5	19.2	12.3	7.6	5.7	6.6	3.21 Manufacture of medical, precision & optical instruments, watches and clocks
-33.5	1.9	2.4	21.5	42.2	5.0	8.3	0.3	5.0	3.22 Motor vehicles and transport equipment
-39.8	-5.6	7.4	17.8	25.2	-6.6	-11.1	-6.7	-3.1	3.23 Furniture
-21.3	4.1	3.4	11.9	17.9	4.0	4.4	3.3	2.2	3.24 Other manufacturing and repair & installation of machinery and equipment

JADUAL 5B KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Malar 2015 - Perubahan peratusan dari suku tahun yang sama tahun sebelumnya
TABLE GDP by Kind of Economic Activity at Constant 2015 Prices - Percentage change from corresponding quarter of preceding year

Jenis aktiviti ekonomi	2020	2021 ^o	2022 ^p	2020				2021	
				I	II	III	IV	I	II
4. Pembinaan	-19.3	-5.1	5.0	-7.9	-44.3	-12.2	-13.7	-10.3	40.4
4.1 Bangunan kediaman	-16.5	-12.4	-1.2	-8.0	-37.9	-11.5	-10.7	-4.6	16.7
4.2 Bangunan bukan kediaman	-15.8	-2.0	12.2	-10.6	-34.2	-14.7	-5.7	-6.1	35.4
4.3 Kejuruteraan awam	-28.1	-17.8	-0.3	-5.2	-59.6	-16.9	-33.1	-28.7	50.5
4.4 Aktiviti pembinaan pertukangan khas	-8.9	20.7	9.7	-10.5	-32.6	0.0	9.5	17.2	58.6
5. Perkhidmatan	-5.2	2.2	10.9	3.2	-15.9	-3.6	-4.5	-2.0	13.8
5.1 Elektrik dan gas	-3.2	2.0	3.6	-0.2	-9.8	-2.5	-0.2	-0.4	7.5
5.2 Air, pembentungan dan pengurusan sisa	7.9	5.8	2.4	2.0	10.1	10.1	9.2	9.8	5.4
5.3 Perdagangan borong	-5.1	3.6	3.6	3.5	-19.8	-3.6	-0.2	1.0	19.5
5.4 Perdagangan runcit	-5.7	3.0	18.3	2.3	-20.6	-2.2	-2.8	0.7	21.1
5.5 Kenderaan bermotor	-9.9	-9.8	40.0	-4.8	-48.9	4.0	4.2	8.8	32.7
5.6 Makanan dan minuman	-20.8	-8.3	21.4	3.1	-31.7	-23.3	-29.5	-23.4	6.8
5.7 Penginapan	-50.6	-24.6	125.1	-4.5	-79.1	-54.7	-61.1	-59.3	45.6
5.8 Pengangkutan dan penyimpanan	-21.5	1.4	30.8	-1.5	-44.7	-16.6	-22.9	-16.7	37.7
5.9 Maklumat dan komunikasi	5.9	6.1	5.2	6.7	4.7	5.2	7.1	6.1	5.6
5.10 Kewangan	2.3	9.1	2.5	4.1	-9.3	7.8	6.0	10.9	27.8
5.11 Insurans	4.9	12.9	-3.8	8.0	4.9	-0.3	6.8	11.9	11.0
5.12 Hartanah	-17.1	-12.8	28.5	1.7	-31.3	-17.6	-20.8	-18.0	0.6
5.13 Perkhidmatan perniagaan	-13.4	-8.3	20.3	4.6	-21.2	-14.2	-21.4	-17.6	2.6
5.14 Perkhidmatan kesihatan swasta	-6.1	7.9	8.5	2.4	-18.1	-4.4	-3.9	-4.6	21.5
5.15 Perkhidmatan pendidikan swasta	-6.8	-2.8	7.0	4.5	-12.1	-8.7	-10.2	-8.8	4.7
5.16 Perkhidmatan lain	-11.7	-5.3	10.1	0.9	-22.2	-11.7	-13.6	-13.6	8.1
5.17 Perkhidmatan kerajaan	5.0	5.4	5.0	5.5	3.5	6.1	4.8	5.5	6.9
6. tambah Duti import	-5.2	2.0	7.3	-15.8	-17.1	-6.4	19.3	18.9	18.4
KDNK pada harga pembeli	-5.5	3.3	8.7	0.7	-16.9	-2.5	-3.2	-0.2	16.2

									(%)
2021		2022				2023			Kind of economic activity
III	IV	I	II	III	IV	I	II	III	
-20.5	-12.0	-6.1	2.5	15.3	10.1	7.4	6.2	7.2	4. Construction
-27.2	-24.2	-15.2	2.8	9.9	2.8	-3.4	6.1	6.2	4.1 Residential buildings
-13.4	-11.8	0.9	10.1	30.5	10.7	6.4	2.3	-4.7	4.2 Non-residential buildings
-35.7	-18.5	-16.0	-8.0	10.1	18.1	15.9	10.0	14.6	4.3 Civil engineering
9.1	9.2	10.4	7.0	13.7	8.0	8.7	6.4	10.4	4.4 Specialised construction activities
-4.6	3.3	6.4	11.9	16.7	9.1	7.3	4.7	5.0	5. Services
-3.2	4.5	2.5	5.2	8.4	-1.1	0.2	2.5	2.0	5.1 Electricity and gas
4.4	3.9	2.5	0.1	4.7	2.5	4.0	7.1	2.7	5.2 Water, sewerage and waste management
-2.8	0.3	1.3	5.4	7.2	0.6	3.3	4.5	6.2	5.3 Wholesale trade
-7.5	1.9	5.4	21.6	28.0	19.2	14.5	5.1	3.3	5.4 Retail trade
-54.4	5.6	9.5	66.3	132.7	7.3	11.2	3.3	11.0	5.5 Motor vehicles
-11.1	1.0	16.8	24.5	31.0	14.9	3.7	1.6	2.2	5.6 Food and beverage
-52.1	47.4	86.0	139.2	295.1	78.6	55.7	49.0	16.8	5.7 Accommodation
-11.8	11.8	25.5	35.6	41.1	23.1	17.0	13.5	12.8	5.8 Transportation and storage
6.0	6.6	6.3	5.9	4.5	4.2	3.8	3.6	3.5	5.9 Information and communication
0.3	1.2	-2.2	0.2	8.1	4.1	2.8	-1.9	-0.3	5.10 Finance
17.5	11.7	2.0	-6.5	-5.9	-5.1	-0.2	-13.4	-2.4	5.11 Insurance
-17.0	-13.3	13.3	34.6	34.7	34.0	2.0	1.9	6.5	5.12 Real estate
-14.5	-1.3	7.5	16.6	35.4	23.7	16.2	10.7	8.6	5.13 Business services
6.8	9.9	15.6	6.5	6.7	6.0	8.7	8.7	9.7	5.14 Private health services
-4.8	-1.2	3.5	5.9	8.9	9.5	9.5	9.4	4.9	5.15 Private education services
-13.1	0.4	5.9	9.4	19.8	6.3	5.9	5.5	5.5	5.16 Other services
5.3	4.2	5.8	4.9	4.2	5.0	5.1	5.5	5.6	5.17 Government services
-12.5	-10.3	-4.3	3.9	24.0	8.1	10.6	6.7	8.9	6. plus import duties
-4.2	3.6	4.8	8.8	14.1	7.1	5.6	2.9	3.3	GDP at purchasers' prices

Jenis aktiviti ekonomi	2020	2021 ^a	2022 ^b	2020				2021	
				I	II	III	IV	I	II
1. Pertanian	5.7	28.0	7.8	-11.3	4.7	22.2	-2.6	-4.6	15.5
1.1 Getah	-22.1	20.7	-22.2	-8.0	-49.4	65.3	33.7	-2.6	-24.8
1.2 Kelapa sawit	26.4	54.2	12.9	-18.6	12.8	38.9	5.0	-13.0	29.4
1.3 Ternakan	1.5	9.5	3.9	-5.7	-2.1	12.2	-3.5	1.2	1.4
1.4 Pertanian lain	-2.6	7.8	-0.1	-1.5	7.1	-0.6	-10.8	12.9	7.9
1.5 Perhutanan dan pembalakan	-17.5	6.0	5.0	-13.9	7.0	10.7	-11.8	-5.5	9.2
1.6 Perikanan laut	-18.9	5.9	6.8	-6.0	-15.2	38.3	-21.1	3.5	-2.4
1.7 Akuakultur	-2.9	-2.4	12.0	-22.6	13.5	22.7	-16.7	-19.1	16.6
2. Perlombongan dan pengkuarian	-26.6	29.3	42.2	-4.7	-31.7	0.2	7.1	31.2	8.1
2.1 Minyak mentah dan kondensat	-39.3	41.8	39.8	-5.1	-46.9	17.2	-8.9	70.2	20.3
2.2 Gas asli	-14.5	24.9	48.8	-1.4	-19.0	-13.4	18.7	14.4	0.7
2.3 Perlombongan lain & pengkuarian dan perkhidmatan sokongan	-14.2	-0.5	14.1	-19.2	-16.9	14.7	19.2	-12.5	-21.6
3. Pembuatan	-2.6	14.9	15.7	-5.8	-16.7	27.2	2.7	-1.0	1.7
3.1 Minyak dan lemak daripada sayuran & haiwan	13.6	18.9	10.6	-22.8	33.6	-2.4	4.2	-17.1	34.7
3.2 Prosesan makanan	9.7	18.3	20.0	-3.9	16.1	12.0	-13.8	2.8	17.7
3.3 Minuman	-14.1	12.9	13.6	-17.3	-19.9	36.4	2.8	-6.4	8.2
3.4 Produk tembakau	-18.0	-12.7	23.6	-2.7	-51.9	187.9	-20.6	-1.8	-13.1
3.5 Tekstil dan pakaian	-11.0	9.3	10.7	-6.5	-32.0	47.8	6.8	-4.7	-13.1
3.6 Kulit dan produk berkaitan	-13.0	17.0	22.9	35.9	-33.7	9.3	3.9	48.1	4.3
3.7 Keluaran kayu	-15.0	11.5	16.1	0.6	-43.0	64.3	0.2	2.1	-7.3
3.8 Kertas dan produk kertas	-3.6	20.5	14.8	14.2	-10.0	24.2	-15.8	21.3	3.6
3.9 Percetakan dan pengeluaran semula media rakaman	-7.2	0.7	6.4	-3.7	-39.1	37.1	21.8	-2.4	-25.0
3.10 Produk petroleum bertapis	-11.3	32.1	25.1	-2.2	-31.2	21.0	11.5	8.2	2.2
3.11 Bahan kimia & produk kimia dan produk farmaseutikal	-8.4	19.7	9.9	-9.8	-18.4	20.2	4.9	3.9	-5.5
3.12 Produk getah	56.6	31.3	-19.6	-25.2	66.4	28.7	11.9	-18.8	43.9
3.13 Produk plastik	0.7	13.6	7.2	-8.6	-8.5	56.5	-19.3	-1.5	-1.8
3.14 Produk mineral bukan logam	-20.0	-2.0	13.9	-11.5	-36.0	70.4	-5.2	-6.6	-13.3
3.15 Logam asas	-3.9	12.5	15.7	-13.1	-10.1	42.4	-4.3	-13.9	12.2
3.16 Produk logam yang direka	-17.4	8.4	13.1	2.7	-34.1	37.9	-1.0	8.7	-7.0
3.17 Jentera dan peralatan	-2.5	10.1	7.6	53.1	-30.2	7.3	-12.0	56.8	-21.5
3.18 Komputer dan kelengkapan peranti	6.5	8.9	-0.9	-4.8	-12.1	43.1	0.9	-2.3	-2.1
3.19 Kelengkapan elektrik	4.6	16.3	24.1	-7.3	13.1	-17.4	22.3	-5.8	32.5
3.20 Komponen & papan elektronik, peralatan komunikasi dan elektronik pengguna	5.7	11.2	23.4	4.1	-19.9	23.7	2.1	4.8	-8.6
3.21 Pembuatan peralatan perubatan, ketetapan & optik, jam tangan dan jam	-5.4	11.1	13.7	-38.8	36.8	6.2	13.2	-34.9	52.7
3.22 Kenderaan bermotor dan peralatan pengangkutan	-7.4	3.2	20.6	-28.3	-14.2	40.7	22.5	-25.7	11.1
3.23 Perabot	-5.7	-4.3	11.7	17.5	-36.3	51.6	-6.1	14.5	-13.2
3.24 Pembuatan lain dan pembaikan & pemasangan mesin dan kelengkapan	-8.8	0.7	10.5	-24.5	-41.3	114.2	1.5	-21.2	-15.4

									(%)
2021		2022				2023			Kind of economic activity
III	IV	I	II		IV	I	II	III	
16.3	6.2	-10.2	14.1	-8.6	-7.9	-16.4	4.8	24.1	1. Agriculture
45.0	-9.1	-11.5	-25.1	28.8	-28.7	-2.8	-4.6	19.7	1.1 Rubber
21.8	19.5	-15.3	20.9	-22.4	-1.5	-32.5	3.0	44.9	1.2 Oil palm
8.6	1.0	-3.1	-3.5	12.1	-4.8	0.5	-0.6	10.1	1.3 Livestock
-0.4	-11.1	3.6	11.7	-1.6	-15.7	14.1	9.5	-3.7	1.4 Other agriculture
18.0	-4.0	-21.0	13.6	32.5	-12.4	-14.6	4.1	21.0	1.5 Forestry and logging
40.4	-25.7	8.5	-2.4	31.6	-25.3	4.6	5.6	27.8	1.6 Marine fishing
22.1	-9.4	-18.8	26.3	29.9	-19.9	-21.8	24.0	28.2	1.7 Aquaculture
-11.1	17.5	25.8	11.8	-6.6	-2.7	-1.8	-8.0	-8.4	2. Mining and quarrying
-29.8	12.6	52.5	24.4	-32.1	-9.2	13.8	1.9	-19.7	2.1 Crude oil and condensate
7.9	18.8	12.0	2.8	21.8	-1.5	-10.1	-14.1	-0.9	2.2 Natural gas
16.3	35.0	-12.0	-17.0	22.1	27.4	-13.3	-21.7	19.4	2.3 Other mining & quarrying and supporting services
2.7	13.3	-3.4	4.5	6.2	2.6	-6.5	-2.4	4.3	3. Manufacturing
-1.1	19.9	-24.0	23.8	-1.6	10.9	-23.2	-18.8	14.7	3.1 Vegetable and animal oils & fats
11.2	-7.2	-1.1	21.8	9.9	-15.1	-2.8	18.9	10.1	3.2 Food processing
-6.3	20.1	-12.0	22.7	-4.6	0.5	-14.7	24.4	-4.7	3.3 Beverages
-71.5	340.2	-4.5	18.2	-39.2	27.1	26.8	24.4	-42.7	3.4 Tobacco products
14.2	16.6	-2.8	-12.1	14.0	7.3	-7.0	-9.8	13.8	3.5 Textile and wearing apparel
-47.5	28.8	44.5	20.9	-20.9	-15.1	30.8	28.0	-23.1	3.6 Leather and related products
0.3	23.9	2.9	-5.6	6.8	-3.4	-2.2	-3.4	4.9	3.7 Wood products
8.5	-9.2	11.9	4.7	13.2	-18.2	11.7	0.7	9.6	3.8 Paper and paper products
-3.4	42.7	-2.7	-17.1	-6.3	42.3	-4.0	-17.9	-5.3	3.9 Printing and reproduction of recorded media
21.1	3.1	-1.6	2.7	25.5	-6.8	-9.4	-11.5	9.1	3.10 Refined petroleum products
19.3	7.8	-5.1	-6.4	12.9	3.6	-7.6	-6.7	12.7	3.11 Chemicals & chemical products and pharmaceutical products
-9.3	-14.5	-31.3	41.6	0.5	-11.2	-29.1	35.4	7.6	3.12 Rubber products
41.6	-19.2	-2.4	-3.7	45.6	-26.8	-9.2	2.6	46.4	3.13 Plastics products
-0.7	27.0	-0.6	-5.9	5.5	8.0	-1.3	-6.9	7.3	3.14 Non-metallic mineral products
4.6	19.8	-13.9	15.3	0.3	2.5	-14.3	16.6	0.2	3.15 Basic metals
-6.9	21.1	6.3	-1.8	-6.5	9.0	5.9	0.1	-4.6	3.16 Fabricated metal products
-1.3	-3.4	43.5	-21.6	3.7	-11.5	40.8	-25.6	-1.7	3.17 Machinery and equipment
-6.6	7.0	-6.6	7.6	2.1	-6.8	-7.7	6.3	28.5	3.18 Computers and peripheral equipment
-28.1	32.8	-1.1	27.7	-22.3	24.9	-13.6	26.3	-25.2	3.19 Electrical equipment
4.7	17.0	8.6	-6.1	7.1	10.2	2.5	-15.2	4.5	3.20 Electronic components & boards, communication equipment and consumer electronics
-7.8	23.0	-37.4	54.1	2.1	16.4	-40.0	49.6	4.9	3.21 Manufacture of medical, precision & optical instruments, watches and clocks
-30.9	80.7	-25.0	35.3	-18.4	34.9	-24.5	24.7	-14.4	3.22 Motor vehicles and transport equipment
-36.6	48.1	30.3	-3.5	-28.2	6.7	24.4	0.7	-25.4	3.23 Furniture
12.2	40.3	-22.2	-7.1	19.7	22.5	-22.5	-5.9	20.3	3.24 Other manufacturing and repair & installation of machinery and equipment

JADUAL 6A KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Semasa - Perubahan peratusan dari suku tahun sebelumnya
TABLE GDP by Kind of Economic Activity at Current Prices - Percentage change from preceding quarter

Jenis aktiviti ekonomi	2020	2021 ^a	2022 ^b	2020				2021	
				I	II	III	IV	I	II
4. Pembinaan	-18.9	-3.4	9.2	-4.4	-42.4	64.3	-4.7	-0.6	-8.3
4.1 Bangunan kediaman	-16.0	-10.7	2.6	-6.9	-38.9	51.2	4.5	-0.4	-24.7
4.2 Bangunan bukan kediaman	-15.5	0.3	16.7	-20.2	-30.4	29.6	31.5	-20.1	1.2
4.3 Kejuruteraan awam	-27.1	-16.0	5.1	7.1	-58.0	119.7	-31.8	13.5	-10.0
4.4 Aktiviti pembinaan pertukangan khas	-8.8	22.9	12.8	-3.3	-24.5	43.8	4.2	4.7	2.5
5. Perkhidmatan	-4.9	2.9	13.6	-7.9	-16.6	19.9	3.7	-5.5	-2.3
5.1 Elektrik dan gas	-3.4	1.5	3.9	-5.4	-7.1	10.2	1.8	-5.7	1.5
5.2 Air, pembentungan dan pengurusan sisa	8.8	8.5	5.4	-10.7	14.6	6.4	1.9	-10.0	11.6
5.3 Perdagangan borong	-5.1	5.5	10.6	-15.9	-15.5	31.5	6.6	-15.3	2.1
5.4 Perdagangan runcit	-4.4	4.5	23.1	-12.6	-21.8	30.2	9.5	-9.2	-4.9
5.5 Kenderaan bermotor	-10.0	-9.8	45.6	-19.4	-45.1	147.8	-5.4	-15.5	-34.4
5.6 Makanan dan minuman	-18.3	-5.0	27.1	-9.8	-31.9	16.8	1.7	-2.4	-4.3
5.7 Penginapan	-50.3	-24.0	127.1	-15.4	-77.2	131.2	-11.9	-11.7	-18.0
5.8 Pengangkutan dan penyimpanan	-20.5	2.6	33.4	-9.9	-42.2	55.0	-3.2	-2.5	-4.7
5.9 Maklumat dan komunikasi	5.8	6.1	5.6	3.6	1.8	1.7	-0.4	2.7	1.5
5.10 Kewangan	2.0	9.5	3.8	-2.1	-13.7	22.0	2.6	2.5	-0.1
5.11 Insurans	4.9	13.0	-3.7	4.1	-9.1	-2.2	15.4	9.1	-9.8
5.12 Hartanah	-16.3	-12.0	29.6	-3.9	-30.5	23.1	-2.8	-0.1	-14.7
5.13 Perkhidmatan perniagaan	-12.9	-7.9	21.2	-5.3	-20.8	7.5	-2.0	-0.8	-1.0
5.14 Perkhidmatan kesihatan swasta	-3.3	9.1	8.9	-2.0	-13.7	16.4	0.6	-3.9	8.8
5.15 Perkhidmatan pendidikan swasta	-5.8	-1.9	7.9	-3.4	-14.9	14.0	-3.3	-1.6	-2.5
5.16 Perkhidmatan lain	-10.8	-4.7	10.9	-2.0	-22.2	15.9	-1.0	-2.9	-2.3
5.17 Perkhidmatan kerajaan	5.0	5.4	5.0	-9.6	-0.6	7.0	9.0	-8.9	0.6
6. tambah Duti import	-7.6	8.0	10.5	-15.5	-0.4	12.7	18.2	-11.6	10.5
KDNK pada harga pembeli	-6.2	9.2	15.7	-7.3	-17.5	21.6	2.9	-2.1	0.8

									(%)
2021		2022				2023			Kind of economic activity
III	IV	I	II		IV	I	II	III	
-6.5	6.7	7.2	0.4	4.5	0.1	3.8	0.1	5.6	4. Construction
-5.7	10.8	12.5	-8.4	-0.1	1.9	5.8	1.0	-0.1	4.1 Residential buildings
-16.3	35.7	-7.9	10.9	-2.2	12.9	-11.4	7.3	-8.6	4.2 Non-residential buildings
-5.4	-12.5	18.8	0.1	12.8	-9.5	14.4	-5.2	18.1	4.3 Civil engineering
0.2	4.3	6.7	-0.8	5.5	-1.2	6.3	-0.7	9.0	4.4 Specialised construction activities
0.5	12.5	-1.7	2.9	5.4	4.8	-3.7	-0.5	5.6	5. Services
-0.9	10.3	-7.3	3.6	2.9	0.8	-6.1	6.1	2.0	5.1 Electricity and gas
4.5	1.5	-10.6	7.8	10.2	-0.2	-9.4	10.5	5.2	5.2 Water, sewerage and waste management
7.5	12.6	-13.2	8.4	9.3	2.7	-13.4	6.6	12.1	5.3 Wholesale trade
-0.5	20.9	-3.3	7.8	5.5	12.6	-7.6	-2.3	3.4	5.4 Retail trade
-12.6	118.1	-11.0	1.4	24.5	1.1	-7.7	-5.7	30.3	5.5 Motor vehicles
-2.2	13.1	13.3	3.2	3.9	1.1	3.0	-1.3	4.5	5.6 Food and beverage
-24.6	171.9	11.3	6.0	24.7	22.6	-2.0	0.7	-1.5	5.7 Accommodation
-1.1	23.0	9.9	2.9	4.0	7.3	5.1	-1.8	2.4	5.8 Transportation and storage
2.3	0.3	2.4	1.0	1.1	0.1	2.0	0.7	0.9	5.9 Information and communication
-4.1	3.7	-1.0	2.7	4.4	-0.5	-2.2	-2.4	5.9	5.10 Finance
3.5	9.8	-0.4	-17.4	4.3	10.7	4.6	-28.3	17.5	5.11 Insurance
0.7	1.3	31.4	1.1	1.0	0.8	-0.1	0.9	5.4	5.12 Real estate
-10.8	13.0	8.5	7.2	3.9	3.2	2.1	1.6	1.8	5.13 Business services
2.3	3.6	0.4	0.5	2.5	2.9	3.0	0.5	3.4	5.14 Private health services
3.4	0.4	2.6	0.2	6.6	1.1	2.5	0.2	2.0	5.15 Private education services
-6.1	12.6	3.1	0.9	2.8	0.6	2.5	0.8	2.4	5.16 Other services
5.4	7.8	-7.5	-0.2	4.7	8.6	-6.9	0.1	4.8	5.17 Government services
-19.1	22.5	-9.0	18.4	-3.6	6.5	-9.2	13.4	-1.5	6. plus import duties
1.0	12.3	-0.6	5.3	2.8	2.3	-5.0	-1.1	5.3	GDP at purchasers' prices

JADUAL 6B KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Malar 2015 - Perubahan peratusan dari suku tahun sebelumnya
TABLE GDP by Kind of Economic Activity at Constant 2015 Prices - Percentage change from preceding quarter

Jenis aktiviti ekonomi	2020	2021 ^a	2022 ^b	2020				2021	
				I	II	III	IV	I	II
1. Pertanian	-2.4	-0.1	0.1	-8.1	8.4	14.4	-13.3	-6.7	6.6
1.1 Getah	-18.6	-8.8	-19.7	-7.4	-37.1	41.7	8.5	-9.8	-27.6
1.2 Kelapa sawit	-3.6	-5.6	3.8	-19.5	28.9	12.8	-16.6	-20.5	19.1
1.3 Ternakan	3.5	3.1	0.1	-6.5	-2.5	10.8	2.0	-6.2	-0.1
1.4 Pertanian lain	3.8	5.9	-3.2	9.5	2.9	11.8	-18.8	13.3	3.2
1.5 Perhutanan dan pembalakan	-19.5	2.0	-3.6	-14.3	7.2	10.0	-10.9	-5.8	8.2
1.6 Perikanan laut	-9.4	-0.4	-0.3	2.1	-16.5	37.8	-18.0	1.7	-10.5
1.7 Akuakultur	-1.9	-0.2	7.6	-24.9	14.6	19.0	-8.2	-21.4	19.2
2. Perlombongan dan pengkuarian	-9.7	0.9	2.6	-4.4	-16.0	2.9	9.1	2.5	-2.3
2.1 Minyak mentah dan kondensat	-9.5	-5.3	-2.7	2.0	-17.1	0.7	3.5	3.9	-1.9
2.2 Gas asli	-9.4	7.1	5.9	-6.9	-15.4	2.5	13.0	4.7	0.6
2.3 Perlombongan lain & pengkuarian dan perkhidmatan sokongan	-12.6	-4.8	7.2	-17.5	-13.8	16.0	13.7	-13.3	-21.3
3. Pembuatan	-2.7	9.5	8.1	-6.2	-16.0	28.1	2.1	-2.9	-0.2
3.1 Minyak dan lemak daripada sayuran & haiwan	-3.1	-9.0	-2.0	-26.2	38.7	-9.9	-11.3	-22.1	33.6
3.2 Prosesan makanan	4.9	9.9	7.9	-6.0	11.6	9.4	-10.4	-0.8	13.0
3.3 Minuman	-14.3	9.9	13.0	-16.7	-18.9	37.1	0.4	-8.8	9.7
3.4 Produk tembakau	-18.4	-12.6	23.6	-3.9	-51.8	188.3	-20.3	-2.6	-12.8
3.5 Tekstil dan pakaian	-12.0	6.7	3.1	-6.5	-33.3	48.7	7.2	-4.5	-11.7
3.6 Kulit dan produk berkaitan	-19.2	11.1	24.3	38.8	-35.3	6.8	0.1	51.3	1.2
3.7 Keluaran kayu	-12.0	9.1	7.0	-2.1	-42.9	68.8	4.6	-1.5	-10.4
3.8 Kertas dan produk kertas	-2.7	15.2	7.6	13.8	-11.8	24.8	-15.5	19.2	0.4
3.9 Percetakan dan pengeluaran semula media rakaman	-5.0	3.3	6.2	2.4	-42.0	41.1	23.0	3.8	-28.7
3.10 Produk petroleum bertapis	-9.6	12.8	5.2	-3.1	-27.4	21.8	8.6	-0.7	1.9
3.11 Bahan kimia & produk kimia dan produk farmaseutikal	-4.6	10.3	2.9	-9.0	-16.9	22.2	5.0	-0.3	-9.5
3.12 Produk getah	52.1	21.9	-16.6	-22.9	66.7	24.0	4.3	-19.9	43.7
3.13 Produk plastik	2.6	12.0	2.7	-7.0	-8.9	57.1	-19.2	-2.0	-2.7
3.14 Produk mineral bukan logam	-15.0	1.3	9.3	-8.7	-34.7	71.9	-3.8	-5.1	-13.1
3.15 Logam asas	-5.2	3.0	6.1	-17.0	-7.1	41.1	-5.0	-16.8	8.6
3.16 Produk logam yang direka	-15.5	6.8	6.9	4.5	-34.5	39.3	-0.5	8.9	-8.1
3.17 Jentera dan peralatan	1.4	10.6	6.3	48.8	-30.3	13.6	-11.5	50.0	-21.9
3.18 Komputer dan kelengkapan peranti	-1.4	13.7	5.0	-5.7	-15.5	35.2	1.1	-5.3	5.0
3.19 Kelengkapan elektrik	0.4	13.8	10.2	-8.1	9.5	-17.0	23.7	-4.5	27.9
3.20 Komponen & papan elektronik, peralatan komunikasi dan elektronik pengguna	3.6	16.0	16.7	4.3	-19.4	24.6	4.2	7.3	-8.2
3.21 Pembuatan peralatan perubatan, ketetapan & optik, jam tangan dan jam	-1.3	8.7	11.8	-36.7	32.7	9.7	9.0	-33.7	48.1
3.22 Kenderaan bermotor dan peralatan pengangkutan	-4.7	1.4	15.1	-28.9	-15.7	45.8	24.3	-28.5	9.4
3.23 Perabot	-6.9	-3.6	9.6	13.6	-34.6	45.5	-4.0	14.1	-12.1
3.24 Pembuatan lain dan pembaikan & pemasangan mesin dan kelengkapan	-8.4	1.4	9.2	-26.5	-38.5	155.0	-15.0	-24.2	-6.3

									(%)
2021		2022				2023			Kind of economic activity
III	IV	I	II	III	IV	I	II	III	
13.6	-8.8	-9.4	4.1	17.7	-8.9	-9.5	2.0	19.8	1. Agriculture
41.6	-12.6	-13.6	-22.5	42.2	-18.0	-4.3	-7.1	14.8	1.1 Rubber
12.5	-1.7	-21.1	10.1	23.0	2.5	-25.5	-0.9	35.2	1.2 Oil palm
7.8	-0.6	-5.1	-3.4	12.6	-5.3	-5.2	-0.7	13.3	1.3 Livestock
11.7	-19.2	4.2	4.9	9.1	-20.3	12.5	8.9	5.2	1.4 Other agriculture
12.3	-6.7	-17.3	9.2	21.0	-13.5	-14.5	-0.3	21.6	1.5 Forestry and logging
36.9	-21.6	7.7	-14.0	34.9	-21.5	8.1	-12.9	35.2	1.6 Marine fishing
10.9	-0.6	-21.6	26.8	16.1	-11.5	-23.4	23.8	16.0	1.7 Aquaculture
-11.9	12.3	1.2	-1.7	-2.2	9.4	-2.5	-6.3	-0.1	2. Mining and quarrying
-13.7	5.8	1.2	1.3	-6.0	8.3	0.8	-4.1	-2.5	2.1 Crude oil and condensate
-14.3	14.8	3.8	-1.2	-3.4	8.4	-2.6	-5.4	-2.0	2.2 Natural gas
16.8	25.7	-12.6	-17.5	25.7	19.8	-13.6	-20.2	25.3	2.3 Other mining & quarrying and supporting services
0.2	12.5	-5.1	2.1	3.8	3.4	-5.8	-0.9	3.5	3. Manufacturing
-4.6	8.9	-27.8	21.1	4.7	11.2	-19.5	7.2	4.0	3.1 Vegetable and animal oils & fats
8.5	-7.9	-4.8	15.3	7.1	-9.8	-6.6	14.2	10.5	3.2 Food processing
-4.9	17.0	-12.1	24.1	-4.0	-2.5	-15.4	28.0	-4.8	3.3 Beverages
-71.5	341.8	-5.4	18.6	-39.2	27.6	25.3	22.8	-42.0	3.4 Tobacco products
6.2	16.2	-3.5	-12.4	7.8	7.3	-1.5	-10.0	4.9	3.5 Textile and wearing apparel
-48.1	29.0	50.9	19.7	-22.3	-15.8	37.0	21.7	-25.3	3.6 Leather and related products
-0.5	24.0	-1.2	-8.7	5.9	-3.3	-2.1	-5.1	8.3	3.7 Wood products
7.7	-9.6	10.7	0.6	11.0	-17.8	12.8	0.2	10.5	3.8 Paper and paper products
-4.4	42.9	4.2	-21.6	-7.1	39.6	1.9	-19.4	-5.0	3.9 Printing and reproduction of recorded media
8.4	-0.3	-6.8	2.2	16.5	-5.6	-5.4	-6.0	9.2	3.10 Refined petroleum products
15.4	6.4	-8.2	-7.0	14.3	4.1	-7.2	-5.7	16.1	3.11 Chemicals & chemical products and pharmaceutical products
-9.2	-14.2	-30.4	43.1	1.9	-10.0	-29.3	35.1	8.8	3.12 Rubber products
41.4	-20.3	-4.0	-3.7	42.9	-27.3	-8.8	2.0	46.3	3.13 Plastics products
-0.5	24.3	-1.6	-6.8	4.1	6.7	-0.1	-7.4	6.2	3.14 Non-metallic mineral products
1.1	15.9	-16.0	11.3	0.8	6.3	-14.8	14.8	-1.2	3.15 Basic metals
-8.7	18.7	4.7	-4.1	-5.7	9.1	5.8	-1.1	-5.6	3.16 Fabricated metal products
2.1	-2.7	37.4	-22.4	6.9	-10.9	36.7	-24.8	4.2	3.17 Machinery and equipment
3.5	7.5	-6.5	4.6	4.6	-8.3	-8.1	3.7	31.5	3.18 Computers and peripheral equipment
-29.3	31.5	-3.8	19.5	-25.0	24.6	-8.7	21.5	-26.3	3.19 Electrical equipment
5.4	13.3	7.6	-7.1	5.2	5.9	1.5	-13.3	2.1	3.20 Electronic components & boards, communication equipment and consumer electronics
-6.4	21.2	-36.2	48.5	3.8	14.2	-38.8	45.9	4.6	3.21 Manufacture of medical, precision & optical instruments, watches and clocks
-31.6	90.5	-28.2	29.9	-20.0	40.6	-25.9	20.4	-16.3	3.22 Motor vehicles and transport equipment
-37.4	50.4	29.9	-3.6	-33.5	12.2	23.8	1.1	-31.0	3.23 Furniture
30.5	12.3	-24.6	1.3	37.5	-0.9	-24.4	0.3	36.0	3.24 Other manufacturing and repair & installation of machinery and equipment

JADUAL 6B KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Malar 2015 - Perubahan peratusan dari suku tahun sebelumnya
TABLE GDP by Kind of Economic Activity at Constant 2015 Prices - Percentage change from preceding quarter

Jenis aktiviti ekonomi	2020	2021 ^a	2022 ^b	2020				2021	
				I	II	III	IV	I	II
4. Pembinaan	-19.3	-5.1	5.0	-7.5	-41.4	65.4	-3.7	-3.9	-8.3
4.1 Bangunan kediaman	-16.5	-12.4	-1.2	-10.1	-38.6	54.1	5.0	-4.0	-24.8
4.2 Bangunan bukan kediaman	-15.8	-2.0	12.2	-21.3	-29.5	28.9	31.8	-21.6	1.6
4.3 Kejuruteraan awam	-28.1	-17.8	-0.3	3.5	-58.6	129.3	-32.0	10.3	-12.5
4.4 Aktiviti pembinaan pertukangan khas	-8.9	20.7	9.7	-6.5	-21.7	41.1	6.0	0.1	5.9
5. Perkhidmatan	-5.2	2.2	10.9	-7.3	-16.5	19.6	3.1	-4.8	-3.0
5.1 Elektrik dan gas	-3.2	2.0	3.6	-3.1	-6.1	9.0	0.5	-3.3	1.4
5.2 Air, pembentungan dan pengurusan sisa	7.9	5.8	2.4	-3.4	7.2	3.2	2.2	-2.8	2.9
5.3 Perdagangan borong	-5.1	3.6	3.6	-14.3	-15.1	32.7	3.5	-13.3	0.4
5.4 Perdagangan runcit	-5.7	3.0	18.3	-10.4	-22.8	28.5	9.4	-7.2	-7.2
5.5 Kenderaan bermotor	-9.9	-9.8	40.0	-20.7	-45.0	154.5	-6.1	-17.2	-32.9
5.6 Makanan dan minuman	-20.8	-8.3	21.4	-10.2	-32.4	14.6	1.4	-2.5	-5.7
5.7 Penginapan	-50.6	-24.6	125.1	-15.7	-77.2	131.2	-12.5	-11.7	-18.5
5.8 Pengangkutan dan penyimpanan	-21.5	1.4	30.8	-9.9	-42.8	54.6	-3.3	-2.6	-5.4
5.9 Maklumat dan komunikasi	5.9	6.1	5.2	3.5	1.5	2.1	-0.1	2.5	1.0
5.10 Kewangan	2.3	9.1	2.5	-2.0	-12.8	22.2	1.6	2.5	0.4
5.11 Insurans	4.9	12.9	-3.8	4.5	-8.9	-2.2	14.8	9.5	-9.7
5.12 Hartanah	-17.1	-12.8	28.5	-2.8	-31.1	22.2	-3.2	0.6	-15.4
5.13 Perkhidmatan perniagaan	-13.4	-8.3	20.3	-5.3	-21.3	7.1	-1.5	-0.7	-2.1
5.14 Perkhidmatan kesihatan swasta	-6.1	7.9	8.5	-4.1	-14.4	16.2	0.7	-4.8	9.1
5.15 Perkhidmatan pendidikan swasta	-6.8	-2.8	7.0	-6.1	-12.5	11.9	-2.3	-4.7	0.5
5.16 Perkhidmatan lain	-11.7	-5.3	10.1	-2.6	-22.7	15.9	-1.0	-2.6	-3.3
5.17 Perkhidmatan kerajaan	5.0	5.4	5.0	-9.5	-0.6	6.9	9.0	-8.9	0.6
6. tambah Duti import	-5.2	2.0	7.3	-15.4	2.6	11.9	22.8	-15.7	2.3
KDNK pada harga pembeli	-5.5	3.3	8.7	-7.0	-15.7	21.1	1.9	-4.1	-1.8

									(%)
2021		2022				2023			Kind of economic activity
III	IV	I	II	III	IV	I	II	III	
-6.3	6.6	2.6	0.1	5.4	1.7	0.1	-1.1	6.4	4. Construction
-3.9	9.4	7.3	-8.9	2.9	2.2	0.8	0.1	2.9	4.1 Residential buildings
-17.5	34.2	-10.2	10.8	-2.2	13.8	-13.7	6.5	-8.9	4.2 Non-residential buildings
-2.0	-13.8	13.7	-4.2	17.2	-7.5	11.6	-9.1	22.1	4.3 Civil engineering
-2.9	6.1	1.1	2.7	3.2	0.8	1.8	0.5	7.1	4.4 Specialised construction activities
0.2	11.6	-1.9	1.9	4.6	4.3	-3.5	-0.5	4.9	5. Services
-1.8	8.5	-5.1	4.0	1.2	-1.0	-3.8	6.4	0.7	5.1 Electricity and gas
2.1	1.7	-4.1	0.5	6.9	-0.5	-2.7	3.5	2.6	5.2 Water, sewerage and waste management
7.9	6.9	-12.5	4.4	9.8	0.3	-10.2	5.6	11.5	5.3 Wholesale trade
-1.9	20.6	-4.0	7.1	3.3	12.3	-7.8	-1.7	1.5	5.4 Retail trade
-12.5	117.2	-14.1	1.9	22.4	0.2	-10.9	-5.4	31.5	5.5 Motor vehicles
-4.5	15.1	12.7	0.5	0.4	1.0	1.7	-1.5	1.0	5.6 Food and beverage
-24.0	169.3	11.5	4.8	25.6	21.7	-2.8	0.2	-1.5	5.7 Accommodation
-1.0	22.6	9.3	2.2	3.0	7.0	3.9	-0.8	2.3	5.8 Transportation and storage
2.5	0.4	2.3	0.6	1.2	0.1	1.9	0.4	1.0	5.9 Information and communication
-4.1	2.6	-0.9	2.8	3.4	-1.2	-2.2	-1.9	5.2	5.10 Finance
3.5	9.2	-0.1	-17.2	4.1	10.2	5.0	-28.1	17.3	5.11 Insurance
0.8	1.2	31.4	0.5	0.8	0.7	-0.1	0.5	5.4	5.12 Real estate
-10.7	13.7	8.2	6.2	3.7	3.8	1.6	1.2	1.7	5.13 Business services
2.2	3.6	0.2	0.4	2.4	2.9	2.7	0.4	3.4	5.14 Private health services
1.8	1.4	-0.2	2.8	4.8	1.9	-0.2	2.8	0.4	5.15 Private education services
-6.8	14.4	2.8	-0.1	2.0	1.5	2.4	-0.4	1.9	5.16 Other services
5.4	7.8	-7.5	-0.2	4.7	8.6	-7.4	0.1	4.8	5.17 Government services
-17.3	25.8	-10.1	11.0	-1.3	9.7	-8.0	7.1	0.7	6. plus import duties
-0.1	10.2	-3.0	1.9	4.7	3.4	-4.3	-0.8	5.2	GDP at purchasers' prices

JADUAL **7A** KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Semasa - Peratus sumbangan kepada KDNK
TABLE *GDP by Kind of Economic Activity at Current Prices - Percentage share to GDP*

Jenis aktiviti ekonomi	2020	2021 ^a	2022 ^b	2020				2021	
				I	II	III	IV	I	II
1. Pertanian	8.2	9.6	8.9	6.9	8.7	8.8	8.3	8.1	9.3
1.1 Getah	0.2	0.2	0.1	0.2	0.1	0.2	0.2	0.2	0.2
1.2 Kelapa sawit	3.6	5.0	4.9	2.6	3.5	4.0	4.1	3.7	4.7
1.3 Ternakan	1.2	1.2	1.1	1.1	1.4	1.3	1.2	1.2	1.2
1.4 Pertanian lain	1.9	1.9	1.6	1.8	2.3	1.9	1.6	1.9	2.0
1.5 Perhutanan dan pembalakan	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4
1.6 Perikanan laut	0.5	0.5	0.4	0.5	0.5	0.6	0.4	0.5	0.4
1.7 Akuakultur	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3
2. Perlombongan dan pengkuarian	6.8	8.0	9.9	8.4	7.0	5.8	6.0	8.0	8.6
2.1 Minyak mentah dan kondensat	2.8	3.6	4.3	3.9	2.5	2.4	2.1	3.7	4.4
2.2 Gas asli	3.4	3.9	5.0	3.9	3.8	2.7	3.1	3.7	3.7
2.3 Perlombongan lain & pengkuarian dan perkhidmatan sokongan	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.5
3. Pembuatan	22.2	23.4	23.4	21.6	21.8	22.8	22.7	23.0	23.2
3.1 Minyak dan lemak daripada sayuran & haiwan	1.0	1.1	1.0	0.8	1.2	1.0	1.0	0.8	1.1
3.2 Prosesan makanan	1.4	1.5	1.6	1.2	1.7	1.5	1.3	1.3	1.6
3.3 Minuman	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
3.4 Produk tembakau	0.2	0.2	0.2	0.2	0.1	0.3	0.2	0.2	0.2
3.5 Tekstil dan pakaian	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.3
3.6 Kulit dan produk berkaitan	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1
3.7 Keluaran kayu	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5
3.8 Kertas dan produk kertas	0.3	0.4	0.4	0.3	0.4	0.4	0.3	0.4	0.4
3.9 Percetakan dan pengeluaran semula media rakaman	0.3	0.3	0.2	0.3	0.2	0.3	0.3	0.3	0.2
3.10 Produk petroleum bertapis	3.0	3.6	3.9	3.3	2.8	2.8	3.0	3.3	3.3
3.11 Bahan kimia & produk kimia dan produk farmaseutikal	2.2	2.4	2.3	2.2	2.2	2.1	2.2	2.3	2.2
3.12 Produk getah	0.9	1.1	0.8	0.5	1.0	1.1	1.2	1.0	1.4
3.13 Produk plastik	0.7	0.8	0.7	0.6	0.7	0.9	0.7	0.7	0.7
3.14 Produk mineral bukan logam	0.7	0.6	0.6	0.7	0.6	0.8	0.7	0.7	0.6
3.15 Logam asas	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6	0.6
3.16 Produk logam yang direka	1.0	1.0	1.0	1.1	0.9	1.0	1.0	1.1	1.0
3.17 Jentera dan peralatan	0.7	0.7	0.6	0.8	0.7	0.6	0.5	0.9	0.7
3.18 Komputer dan kelengkapan peranti	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4
3.19 Kelengkapan elektrik	0.5	0.5	0.6	0.5	0.6	0.4	0.5	0.5	0.6
3.20 Komponen & papan elektronik, peralatan komunikasi dan elektronik pengguna	4.5	4.6	4.9	4.5	4.4	4.5	4.4	4.8	4.3
3.21 Pembuatan peralatan perubatan, ketetapan & optik, jam tangan dan jam	0.3	0.3	0.3	0.2	0.4	0.3	0.4	0.2	0.4
3.22 Kenderaan bermotor dan peralatan pengangkutan	1.6	1.5	1.6	1.4	1.4	1.7	2.0	1.5	1.6
3.23 Perabot	0.3	0.3	0.3	0.4	0.3	0.4	0.3	0.4	0.3
3.24 Pembuatan lain dan pembaikan & pemasangan mesin dan kelengkapan	0.3	0.3	0.3	0.3	0.2	0.4	0.3	0.3	0.2

									(%)
2021		2022				2023			Kind of economic activity
III	IV	I	II	III	IV	I	II	III	
10.7	10.1	9.1	9.9	8.8	7.9	7.0	7.4	8.7	1. Agriculture
0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.1	0.1	1.1 Rubber
5.7	6.0	5.1	5.9	4.5	4.3	3.0	3.2	4.4	1.2 Oil palm
1.3	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.2	1.3 Livestock
2.0	1.6	1.7	1.8	1.7	1.4	1.7	1.8	1.7	1.4 Other agriculture
0.5	0.4	0.3	0.4	0.5	0.4	0.4	0.4	0.4	1.5 Forestry and logging
0.6	0.4	0.4	0.4	0.5	0.4	0.4	0.5	0.6	1.6 Marine fishing
0.4	0.3	0.2	0.3	0.4	0.3	0.2	0.3	0.4	1.7 Aquaculture
7.6	7.9	10.0	10.6	9.7	9.2	9.5	8.8	7.7	2. Mining and quarrying
3.1	3.1	4.7	5.6	3.7	3.3	3.9	4.1	3.1	2.1 Crude oil and condensate
3.9	4.1	4.7	4.6	5.4	5.2	4.9	4.3	4.0	2.2 Natural gas
0.6	0.7	0.6	0.5	0.6	0.7	0.6	0.5	0.6	2.3 Other mining & quarrying and supporting services
23.6	23.8	23.1	22.9	23.7	23.8	23.4	23.1	22.9	3. Manufacturing
1.1	1.2	0.9	1.0	1.0	1.1	0.9	0.7	0.8	3.1 Vegetable and animal oils & fats
1.7	1.4	1.4	1.6	1.8	1.5	1.5	1.8	1.9	3.2 Food processing
0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	0.3	3.3 Beverages
0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.3	0.2	3.4 Tobacco products
0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	3.5 Textile and wearing apparel
0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	3.6 Leather and related products
0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	3.7 Wood products
0.4	0.3	0.4	0.4	0.4	0.3	0.4	0.4	0.4	3.8 Paper and paper products
0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.2	0.2	3.9 Printing and reproduction of recorded media
4.0	3.7	3.6	3.6	4.3	4.0	3.8	3.4	3.5	3.10 Refined petroleum products
2.6	2.4	2.3	2.1	2.3	2.3	2.2	2.1	2.3	3.11 Chemicals & chemical products and pharmaceutical products
1.2	0.9	0.7	0.9	0.9	0.7	0.6	0.8	0.8	3.12 Rubber products
1.0	0.7	0.7	0.6	0.9	0.6	0.6	0.6	0.9	3.13 Plastics products
0.6	0.7	0.7	0.6	0.6	0.6	0.7	0.6	0.6	3.14 Non-metallic mineral products
0.7	0.7	0.6	0.7	0.7	0.7	0.6	0.7	0.7	3.15 Basic metals
0.9	1.0	1.1	1.0	0.9	1.0	1.1	1.1	1.0	3.16 Fabricated metal products
0.7	0.6	0.8	0.6	0.6	0.5	0.8	0.6	0.6	3.17 Machinery and equipment
0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	3.18 Computers and peripheral equipment
0.5	0.5	0.5	0.7	0.5	0.6	0.6	0.7	0.5	3.19 Electrical equipment
4.5	4.7	5.1	4.5	4.7	5.1	5.5	4.7	4.7	3.20 Electronic components & boards, communication equipment and consumer electronics
0.3	0.4	0.2	0.3	0.3	0.4	0.2	0.4	0.4	3.21 Manufacture of medical, precision & optical instruments, watches and clocks
1.1	1.8	1.4	1.8	1.4	1.8	1.5	1.8	1.5	3.22 Motor vehicles and transport equipment
0.2	0.3	0.4	0.3	0.2	0.2	0.3	0.3	0.2	3.23 Furniture
0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.2	0.3	3.24 Other manufacturing and repair & installation of machinery and equipment

JADUAL 7A KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Semasa - Peratus sumbangan kepada KDNK
TABLE GDP by Kind of Economic Activity at Current Prices - Percentage share to GDP

Jenis aktiviti ekonomi	2020	2021 ^a	2022 ^b	2020				2021	
				I	II	III	IV	I	II
4. Pembinaan	4.1	3.6	3.4	4.6	3.2	4.3	4.0	4.1	3.7
4.1 Bangunan kediaman	0.9	0.8	0.7	1.0	0.8	1.0	1.0	1.0	0.7
4.2 Bangunan bukan kediaman	0.9	0.8	0.8	0.9	0.8	0.8	1.0	0.8	0.9
4.3 Kejuruteraan awam	1.4	1.1	1.0	1.8	0.9	1.7	1.1	1.3	1.2
4.4 Aktiviti pembinaan pertukangan khas	0.8	0.9	0.9	0.8	0.7	0.9	0.9	0.9	1.0
5. Perkhidmatan	57.6	54.3	53.4	57.5	58.1	57.3	57.7	55.7	54.0
5.1 Elektrik dan gas	2.2	2.1	1.9	2.1	2.4	2.2	2.2	2.1	2.1
5.2 Air, pembentungan dan pengurusan sisa	0.6	0.6	0.6	0.5	0.7	0.7	0.6	0.6	0.7
5.3 Perdagangan borong	7.5	7.2	6.9	7.0	7.1	7.7	8.0	6.9	7.0
5.4 Perdagangan runcit	7.9	7.5	8.0	7.8	7.3	7.9	8.4	7.8	7.3
5.5 Kenderaan bermotor	1.6	1.3	1.7	1.5	1.0	2.0	1.9	1.6	1.0
5.6 Makanan dan minuman	2.7	2.3	2.5	3.1	2.6	2.5	2.5	2.4	2.3
5.7 Penginapan	0.4	0.3	0.5	0.6	0.2	0.3	0.3	0.3	0.2
5.8 Pengangkutan dan penyimpanan	3.2	3.0	3.5	3.7	2.6	3.3	3.1	3.1	2.9
5.9 Maklumat dan komunikasi	6.4	6.2	5.7	6.0	7.5	6.2	6.0	6.3	6.4
5.10 Kewangan	5.1	5.1	4.6	4.9	5.2	5.2	5.2	5.4	5.3
5.11 Insurans	1.8	1.8	1.5	1.8	2.0	1.6	1.8	2.0	1.8
5.12 Hartanah	1.4	1.1	1.3	1.6	1.4	1.4	1.3	1.3	1.1
5.13 Perkhidmatan perniagaan	3.0	2.6	2.7	3.4	3.2	2.9	2.7	2.8	2.7
5.14 Perkhidmatan kesihatan swasta	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.7	0.8
5.15 Perkhidmatan pendidikan swasta	0.8	0.7	0.7	0.9	0.9	0.8	0.8	0.8	0.8
5.16 Perkhidmatan lain	3.2	2.8	2.7	3.5	3.3	3.1	3.0	3.0	2.9
5.17 Perkhidmatan kerajaan	9.0	8.7	7.9	8.3	10.0	8.8	9.3	8.6	8.6
6. tambah Duti import	1.1	1.1	1.1	1.0	1.2	1.1	1.2	1.1	1.2
KDNK pada harga pembeli	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

									(%)
2021		2022				2023			Kind of economic activity
III	IV	I	II	III	IV	I	II	III	
3.4	3.3	3.5	3.3	3.4	3.3	3.6	3.7	3.7	4. Construction
0.7	0.7	0.8	0.7	0.7	0.6	0.7	0.7	0.7	4.1 Residential buildings
0.7	0.9	0.8	0.8	0.8	0.9	0.8	0.9	0.8	4.2 Non-residential buildings
1.1	0.8	1.0	1.0	1.1	0.9	1.1	1.1	1.2	4.3 Civil engineering
0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	4.4 Specialised construction activities
53.7	53.9	53.2	52.1	53.4	54.7	55.5	55.8	55.9	5. Services
2.1	2.0	1.9	1.9	1.9	1.8	1.8	1.9	1.9	5.1 Electricity and gas
0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	5.2 Water, sewerage and waste management
7.5	7.5	6.5	6.7	7.2	7.2	6.5	7.1	7.5	5.3 Wholesale trade
7.2	7.8	7.6	7.7	7.9	8.7	8.5	8.4	8.2	5.4 Retail trade
0.9	1.8	1.6	1.5	1.8	1.8	1.8	1.7	2.1	5.5 Motor vehicles
2.2	2.3	2.6	2.5	2.6	2.5	2.7	2.7	2.7	5.6 Food and beverage
0.2	0.4	0.4	0.4	0.5	0.6	0.6	0.7	0.6	5.7 Accommodation
2.9	3.1	3.5	3.4	3.4	3.6	4.0	3.9	3.8	5.8 Transportation and storage
6.5	5.8	5.9	5.7	5.6	5.5	5.9	6.0	5.7	5.9 Information and communication
5.1	4.7	4.7	4.6	4.6	4.5	4.6	4.6	4.6	5.10 Finance
1.8	1.8	1.8	1.4	1.4	1.5	1.7	1.2	1.4	5.11 Insurance
1.1	1.0	1.3	1.3	1.3	1.2	1.3	1.3	1.3	5.12 Real estate
2.4	2.4	2.6	2.7	2.7	2.7	2.9	3.0	2.9	5.13 Business services
0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	5.14 Private health services
0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	5.15 Private education services
2.7	2.7	2.8	2.7	2.7	2.6	2.8	2.9	2.8	5.16 Other services
9.0	8.7	8.1	7.6	7.8	8.3	8.1	8.2	8.2	5.17 Government services
1.0	1.1	1.0	1.1	1.0	1.1	1.0	1.2	1.1	6. plus import duties
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	GDP at purchasers' prices

Jenis aktiviti ekonomi	2020	2021 ^a	2022 ^b	2020				2021	
				I	II	III	IV	I	II
1. Pertanian	7.4	7.1	6.6	6.5	8.4	7.9	6.8	6.6	7.1
1.1 Getah	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.1
1.2 Kelapa sawit	2.7	2.5	2.4	2.2	3.3	3.1	2.5	2.1	2.5
1.3 Ternakan	1.2	1.2	1.1	1.1	1.3	1.2	1.2	1.2	1.2
1.4 Pertanian lain	2.0	2.1	1.9	1.9	2.4	2.2	1.7	2.0	2.2
1.5 Perhutanan dan pembalakan	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.3	0.4
1.6 Perikanan laut	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5
1.7 Akuakultur	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.2	0.3
2. Perlombongan dan pengkuarian	6.9	6.7	6.4	7.4	7.4	6.3	6.7	7.2	7.1
2.1 Minyak mentah dan kondensat	2.9	2.6	2.3	3.2	3.1	2.6	2.6	2.8	2.8
2.2 Gas asli	3.4	3.5	3.4	3.6	3.6	3.1	3.4	3.7	3.8
2.3 Perlombongan lain & pengkuarian dan perkhidmatan sokongan	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.5
3. Pembuatan	22.8	24.2	24.1	22.2	22.1	23.4	23.5	23.8	24.1
3.1 Minyak dan lemak daripada sayuran & haiwan	0.9	0.8	0.8	0.8	1.3	1.0	0.8	0.7	0.9
3.2 Prosesan makanan	1.3	1.4	1.4	1.2	1.6	1.4	1.2	1.3	1.5
3.3 Minuman	0.3	0.4	0.4	0.3	0.3	0.4	0.3	0.3	0.4
3.4 Produk tembakau	0.2	0.2	0.2	0.2	0.1	0.3	0.2	0.3	0.2
3.5 Tekstil dan pakaian	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3
3.6 Kulit dan produk berkaitan	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1
3.7 Keluaran kayu	0.5	0.5	0.5	0.6	0.4	0.5	0.5	0.6	0.5
3.8 Kertas dan produk kertas	0.3	0.4	0.4	0.3	0.4	0.4	0.3	0.4	0.4
3.9 Percetakan dan pengeluaran semula media rakaman	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.4	0.3
3.10 Produk petroleum bertapis	2.6	2.9	2.8	2.9	2.5	2.5	2.6	2.7	2.8
3.11 Bahan kimia & produk kimia dan produk farmaseutikal	2.4	2.6	2.4	2.4	2.4	2.4	2.4	2.5	2.3
3.12 Produk getah	0.9	1.1	0.8	0.5	1.0	1.0	1.1	0.9	1.3
3.13 Produk plastik	0.8	0.8	0.8	0.7	0.7	1.0	0.8	0.8	0.8
3.14 Produk mineral bukan logam	0.8	0.8	0.8	0.8	0.6	0.9	0.8	0.8	0.7
3.15 Logam asas	0.6	0.6	0.6	0.5	0.6	0.7	0.6	0.5	0.6
3.16 Produk logam yang direka	1.1	1.1	1.1	1.2	0.9	1.1	1.0	1.2	1.1
3.17 Jentera dan peralatan	0.8	0.8	0.8	0.9	0.8	0.7	0.6	1.0	0.8
3.18 Komputer dan kelengkapan peranti	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.5
3.19 Kelengkapan elektrik	0.5	0.5	0.5	0.4	0.6	0.4	0.5	0.5	0.6
3.20 Komponen & papan elektronik, peralatan komunikasi dan elektronik pengguna	4.7	5.3	5.7	4.8	4.6	4.7	4.8	5.4	5.1
3.21 Pembuatan peralatan perubatan, ketetapan & optik, jam tangan dan jam	0.4	0.4	0.4	0.3	0.5	0.4	0.4	0.3	0.5
3.22 Kenderaan bermotor dan peralatan pengangkutan	1.9	1.8	1.9	1.6	1.6	1.9	2.3	1.7	1.9
3.23 Perabot	0.4	0.3	0.3	0.4	0.3	0.4	0.3	0.4	0.4
3.24 Pembuatan lain dan pembaikan & pemasangan mesin dan kelengkapan	0.3	0.3	0.3	0.3	0.2	0.4	0.4	0.3	0.3

									(%)
2021		2022				2023			Kind of economic activity
III	IV	I	II	III	IV	I	II	III	
8.1	6.7	6.3	6.4	7.2	6.3	6.0	6.2	7.0	1. Agriculture
0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.1 Rubber
2.8	2.5	2.1	2.2	2.6	2.6	2.0	2.0	2.6	1.2 Oil palm
1.3	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.1	1.3 Livestock
2.4	1.8	1.9	2.0	2.0	1.6	1.8	2.0	2.0	1.4 Other agriculture
0.4	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.3	1.5 Forestry and logging
0.6	0.5	0.5	0.4	0.6	0.4	0.5	0.4	0.5	1.6 Marine fishing
0.3	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.3	1.7 Aquaculture
6.3	6.4	6.7	6.4	6.0	6.4	6.5	6.1	5.8	2. Mining and quarrying
2.5	2.4	2.5	2.4	2.2	2.3	2.4	2.3	2.2	2.1 Crude oil and condensate
3.3	3.4	3.6	3.5	3.2	3.4	3.5	3.3	3.1	2.2 Natural gas
0.6	0.7	0.6	0.5	0.6	0.7	0.6	0.5	0.6	2.3 Other mining & quarrying and supporting services
24.2	24.7	24.2	24.2	24.0	24.0	23.6	23.6	23.2	3. Manufacturing
0.9	0.9	0.6	0.8	0.8	0.8	0.7	0.7	0.7	3.1 Vegetable and animal oils & fats
1.6	1.3	1.3	1.5	1.5	1.3	1.3	1.5	1.6	3.2 Food processing
0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.4	0.4	3.3 Beverages
0.1	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.2	3.4 Tobacco products
0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.3	0.3	3.5 Textile and wearing apparel
0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	3.6 Leather and related products
0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	3.7 Wood products
0.4	0.3	0.4	0.4	0.4	0.3	0.4	0.4	0.4	3.8 Paper and paper products
0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.2	3.9 Printing and reproduction of recorded media
3.1	2.8	2.7	2.7	3.0	2.7	2.7	2.6	2.7	3.10 Refined petroleum products
2.7	2.6	2.5	2.3	2.5	2.5	2.4	2.3	2.5	3.11 Chemicals & chemical products and pharmaceutical products
1.2	0.9	0.7	0.9	0.9	0.8	0.6	0.8	0.8	3.12 Rubber products
1.1	0.8	0.8	0.7	1.0	0.7	0.7	0.7	1.0	3.13 Plastics products
0.7	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	3.14 Non-metallic mineral products
0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6	0.6	3.15 Basic metals
1.0	1.1	1.2	1.1	1.0	1.0	1.2	1.1	1.0	3.16 Fabricated metal products
0.8	0.7	1.0	0.8	0.8	0.7	1.0	0.7	0.7	3.17 Machinery and equipment
0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5	3.18 Computers and peripheral equipment
0.4	0.5	0.5	0.6	0.4	0.5	0.5	0.6	0.4	3.19 Electrical equipment
5.3	5.5	6.1	5.5	5.6	5.7	6.1	5.3	5.1	3.20 Electronic components & boards, communication equipment and consumer electronics
0.4	0.5	0.3	0.5	0.4	0.5	0.3	0.5	0.5	3.21 Manufacture of medical, precision & optical instruments, watches and clocks
1.3	2.3	1.7	2.1	1.6	2.2	1.7	2.1	1.7	3.22 Motor vehicles and transport equipment
0.2	0.3	0.4	0.4	0.3	0.3	0.4	0.4	0.2	3.23 Furniture
0.4	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.4	3.24 Other manufacturing and repair & installation of machinery and equipment

JADUAL 7B KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Malar 2015 - Peratus sumbangan kepada KDNK
TABLE GDP by Kind of Economic Activity at Constant 2015 Prices - Percentage share to GDP

Jenis aktiviti ekonomi	2020	2021 ^a	2022 ^b	2020				2021	
				I	II	III	IV	I	II
4. Pembinaan	4.0	3.7	3.5	4.5	3.1	4.2	4.0	4.0	3.7
4.1 Bangunan kediaman	1.0	0.8	0.7	1.0	0.8	1.0	1.0	1.0	0.8
4.2 Bangunan bukan kediaman	0.9	0.8	0.9	0.9	0.8	0.8	1.0	0.9	0.9
4.3 Kejuruteraan awam	1.3	1.1	1.0	1.7	0.8	1.6	1.1	1.2	1.1
4.4 Aktiviti pembinaan pertukangan khas	0.8	1.0	1.0	0.8	0.7	0.9	0.9	0.9	1.0
5. Perkhidmatan	57.8	57.1	58.3	58.4	57.8	57.1	57.8	57.4	56.7
5.1 Elektrik dan gas	2.2	2.2	2.1	2.2	2.4	2.2	2.1	2.1	2.2
5.2 Air, pembentungan dan pengurusan sisa	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6
5.3 Perdagangan borong	7.6	7.6	7.3	7.2	7.2	7.9	8.0	7.3	7.4
5.4 Perdagangan runcit	7.7	7.7	8.4	7.8	7.2	7.6	8.2	7.9	7.5
5.5 Kenderaan bermotor	1.7	1.4	1.9	1.5	1.0	2.1	1.9	1.7	1.1
5.6 Makanan dan minuman	2.4	2.1	2.3	2.8	2.3	2.2	2.1	2.2	2.1
5.7 Penginapan	0.4	0.3	0.5	0.6	0.2	0.3	0.3	0.3	0.2
5.8 Pengangkutan dan penyimpanan	3.1	3.1	3.7	3.7	2.5	3.2	3.0	3.1	3.0
5.9 Maklumat dan komunikasi	6.6	6.8	6.6	6.3	7.6	6.4	6.3	6.7	6.9
5.10 Kewangan	5.3	5.6	5.3	5.1	5.3	5.3	5.3	5.7	5.8
5.11 Insurans	1.9	2.0	1.8	1.9	2.1	1.7	1.9	2.1	2.0
5.12 Hartanah	1.3	1.1	1.3	1.5	1.3	1.3	1.2	1.3	1.1
5.13 Perkhidmatan perniagaan	3.0	2.7	3.0	3.4	3.2	2.8	2.7	2.8	2.8
5.14 Perkhidmatan kesihatan swasta	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8
5.15 Perkhidmatan pendidikan swasta	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.8
5.16 Perkhidmatan lain	3.2	3.0	3.0	3.5	3.2	3.1	3.0	3.1	3.0
5.17 Perkhidmatan kerajaan	9.3	9.5	9.1	8.6	10.1	8.9	9.6	9.1	9.3
6. tambah Duti import	1.1	1.1	1.1	1.0	1.2	1.1	1.3	1.2	1.2
KDNK pada harga pembeli	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

									(%)
2021		2022				2023			Kind of economic activity
III	IV	I	II	III	IV	I	II	III	
3.5	3.4	3.6	3.5	3.5	3.5	3.7	3.6	3.7	4. Construction
0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	4.1 Residential buildings
0.7	0.9	0.8	0.9	0.8	0.9	0.8	0.9	0.8	4.2 Non-residential buildings
1.1	0.8	1.0	0.9	1.0	0.9	1.1	1.0	1.1	4.3 Civil engineering
1.0	0.9	1.0	1.0	1.0	0.9	1.0	1.0	1.0	4.4 Specialised construction activities
56.9	57.6	58.2	58.2	58.2	58.7	59.2	59.3	59.1	5. Services
2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.0	5.1 Electricity and gas
0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	5.2 Water, sewerage and waste management
8.0	7.8	7.0	7.2	7.5	7.3	6.9	7.3	7.7	5.3 Wholesale trade
7.3	8.0	8.0	8.4	8.2	8.9	8.6	8.5	8.2	5.4 Retail trade
1.0	2.0	1.7	1.7	2.0	2.0	1.8	1.7	2.2	5.5 Motor vehicles
2.0	2.1	2.4	2.4	2.3	2.2	2.4	2.4	2.3	5.6 Food and beverage
0.2	0.4	0.5	0.5	0.6	0.7	0.7	0.7	0.6	5.7 Accommodation
2.9	3.3	3.7	3.7	3.6	3.8	4.1	4.1	4.0	5.8 Transportation and storage
7.1	6.5	6.8	6.7	6.5	6.3	6.7	6.8	6.5	5.9 Information and communication
5.6	5.2	5.3	5.4	5.3	5.1	5.2	5.1	5.1	5.10 Finance
2.0	2.0	2.1	1.7	1.7	1.8	2.0	1.4	1.6	5.11 Insurance
1.1	1.0	1.4	1.3	1.3	1.3	1.3	1.3	1.3	5.12 Real estate
2.5	2.6	2.9	3.0	3.0	3.0	3.2	3.3	3.2	5.13 Business services
0.8	0.7	0.8	0.7	0.7	0.7	0.8	0.8	0.8	5.14 Private health services
0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	5.15 Private education services
2.8	2.9	3.1	3.0	3.0	2.9	3.1	3.1	3.0	5.16 Other services
9.8	9.6	9.2	9.0	9.0	9.4	9.1	9.2	9.2	5.17 Government services
1.0	1.1	1.1	1.2	1.1	1.1	1.1	1.2	1.1	6. plus import duties
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	GDP at purchasers' prices

JADUAL **8A** KDNK mengikut Jenis Perbelanjaan pada Harga Semasa
TABLE GDP by Type of Expenditure at Current Prices

Jenis perbelanjaan	2020	2021 ^a	2022 ^p	2020				2021	
				I	II	III	IV	I	II
1. Perbelanjaan penggunaan akhir swasta	865,450	897,573	1,031,759	232,652	179,331	230,700	222,768	229,303	204,863
1.1 Makanan dan minuman bukan alkohol	224,960	242,136	273,032	54,810	52,759	61,068	56,323	59,102	56,732
1.2 Pakaian dan kasut	26,588	26,819	31,565	6,756	4,377	7,853	7,603	6,726	5,598
1.3 Perumahan, air, elektrik, gas dan bahan api lain	136,031	142,998	156,444	34,472	32,476	35,348	33,734	35,810	34,608
1.4 Hiasan, perkakasan dan penyelenggaraan isi rumah	41,903	43,266	49,215	11,846	8,451	11,241	10,366	11,384	10,381
1.5 Pengangkutan	89,536	89,684	122,967	28,184	8,698	26,426	26,228	27,401	13,707
1.6 Komunikasi	79,138	87,673	96,680	19,818	19,560	19,608	20,153	21,352	21,926
1.7 Perkhidmatan rekreasi dan kebudayaan	30,269	24,784	37,170	13,074	2,594	6,931	7,671	6,627	3,613
1.8 Restoran dan hotel	76,098	69,520	92,568	25,315	14,684	17,433	18,667	18,290	16,108
1.9 Lain-lain	160,928	170,693	172,119	38,377	35,733	44,794	42,023	42,611	42,190
2. Perbelanjaan penggunaan akhir kerajaan	183,869	196,941	208,887	41,520	40,449	44,729	57,170	44,612	45,456
3. Pembentukan modal tetap kasar	296,663	298,437	326,269	80,740	64,494	77,344	74,085	78,625	76,569
3.1 Jenis aset									
3.1.1 Struktur	169,700	155,741	167,589	49,029	33,290	44,722	42,660	44,133	40,611
3.1.2 jentera dan peralatan	101,335	116,319	131,401	25,292	24,425	26,412	25,207	28,398	28,699
3.1.3 Aset lain	25,628	26,377	27,279	6,420	6,779	6,211	6,218	6,094	7,259
3.2 Sektor									
3.2.1 Awam	74,405	67,130	72,330	18,332	11,089	18,908	26,075	15,041	12,679
3.2.2 Swasta	222,259	231,308	253,939	62,408	53,405	58,436	48,010	63,584	63,890
4. Perubahan inventori dan barangan berharga*	-17,816	43,974	94,811	-7,988	7,556	-13,738	-3,647	-3,252	22,266
5. Eksport barangan dan perkhidmatan	873,477	1,093,895	1,378,452	224,437	184,094	226,586	238,360	246,246	264,782
5.1 Eksport barangan	780,511	1,005,841	1,238,180	190,934	165,474	206,599	217,504	225,434	243,185
5.2 Eksport perkhidmatan	92,967	88,054	140,272	33,503	18,620	19,987	20,856	20,812	21,597
6. tolak import barangan dan perkhidmatan	783,152	981,922	1,248,820	204,102	172,800	196,872	209,379	224,025	239,471
6.1 Import barangan	643,024	828,206	1,052,151	162,993	141,810	163,532	174,689	188,433	202,706
6.2 Import perkhidmatan	140,128	153,716	196,670	41,109	30,990	33,339	34,689	35,591	36,766
Perbelanjaan atas KDNK pada harga pembeli	1,418,491	1,548,898	1,791,358	367,259	303,124	368,749	379,358	371,510	374,464

* Termasuk perbezaan statistik

									RM Juta/ Million
2021		2022				2023			Type of expenditure
III	IV	I	II	III	IV	I	II	III	
226,496	236,912	246,570	248,068	271,804	265,317	268,962	262,456	288,578	1. Private final consumption expenditure
65,538	60,764	63,569	66,105	74,831	68,527	70,334	70,819	80,700	1.1 Food and non-alcoholic beverages
7,124	7,370	6,843	6,850	9,009	8,863	7,903	7,420	9,453	1.2 Clothing and footwear
36,914	35,666	37,491	38,390	41,020	39,542	41,488	41,522	44,248	1.3 Housing, water, electricity, gas and other fuels
10,740	10,761	12,147	12,503	13,045	11,519	12,955	13,002	13,607	1.4 Furnishings, household equipment and routine household maintenance
19,025	29,550	30,693	27,055	31,033	34,186	35,156	29,424	34,399	1.5 Transport
21,946	22,449	23,871	24,266	24,324	24,219	25,307	25,357	25,376	1.6 Communication
6,573	7,972	7,105	6,445	11,904	11,716	7,607	6,783	12,515	1.7 Recreation services and culture
15,574	19,547	20,762	23,689	23,863	24,254	24,219	26,591	27,061	1.8 Restaurants and hotels
43,060	42,832	44,088	42,766	42,775	42,490	43,993	41,537	41,219	1.9 Others
45,938	60,935	48,006	47,152	49,633	64,097	47,968	49,442	53,018	2. Government final consumption expenditure
69,316	73,927	80,702	82,889	80,443	82,236	86,258	89,272	86,025	3. Gross fixed capital formation
									3.1 Type of assets
34,044	36,953	41,853	43,372	40,798	41,566	45,795	47,081	44,507	3.1.1 Structure
28,450	30,772	32,801	32,116	32,271	34,213	34,323	34,019	34,052	3.1.2 Machinery and equipment
6,822	6,202	6,047	7,401	7,374	6,456	6,140	8,173	7,466	3.1.3 Other asset
									3.2 Sector
13,515	25,895	15,250	13,387	15,652	28,041	16,442	14,760	17,152	3.2.1 Public
55,801	48,033	65,452	69,502	64,790	54,195	69,817	74,512	68,873	3.2.2 Private
9,401	15,560	21,109	44,422	19,032	10,247	13,924	19,953	12,696	4. Changes in inventories and valuables*
274,844	308,023	305,150	343,551	368,634	361,117	302,469	302,651	310,989	5. Exports of goods and services
253,198	284,024	280,650	311,465	328,789	317,275	261,465	254,878	260,414	5.1 Exports of goods
21,646	23,999	24,500	32,086	39,845	43,842	41,004	47,773	50,575	5.2 Exports of services
247,817	270,609	279,234	321,494	332,549	315,544	275,423	284,456	288,626	6. less Imports of goods and services
208,280	228,787	236,479	274,589	281,529	259,553	221,588	225,396	227,728	6.1 Imports of goods
39,537	41,822	42,755	46,905	51,019	55,991	53,835	59,060	60,899	6.2 Imports of services
378,178	424,747	422,303	444,588	456,997	467,470	444,159	439,318	462,678	Expenditure on GDP at purchasers' prices

* Includes statistical discrepancy

JADUAL 8B KDNK mengikut Jenis Perbelanjaan pada Harga Malar 2015
TABLE GDP by Type of Expenditure at Constant 2015 Prices

Jenis perbelanjaan	2020	2021 ^a	2022 ^p	2020				2021	
				I	II	III	IV	I	II
1. Perbelanjaan penggunaan akhir swasta	802,747	817,756	908,974	213,285	166,551	214,653	208,258	209,899	185,946
1.1 Makanan dan minuman bukan alkohol	195,369	207,066	221,369	47,956	45,915	52,697	48,801	50,978	48,681
1.2 Pakaian dan kasut	27,503	27,744	32,303	7,058	4,463	8,154	7,828	7,019	5,718
1.3 Perumahan, air, elektrik, gas dan bahan api lain	126,625	130,030	138,145	31,617	30,953	32,613	31,442	33,193	31,509
1.4 Hiasan, perkakasan dan penyelenggaraan isi rumah	39,328	39,730	43,614	11,077	7,905	10,452	9,894	10,608	9,450
1.5 Pengangkutan	93,462	87,496	116,321	25,777	10,821	28,599	28,264	25,577	14,079
1.6 Komunikasi	77,522	85,875	94,692	19,574	19,096	19,107	19,745	21,081	21,408
1.7 Perkhidmatan rekreasi dan kebudayaan	28,548	23,193	33,884	12,468	2,445	6,423	7,213	6,316	3,376
1.8 Restoran dan hotel	66,709	60,696	76,209	22,349	12,948	15,206	16,205	16,164	14,166
1.9 Lain-lain	147,681	155,925	152,438	35,408	32,006	41,401	38,866	38,963	37,559
2. Perbelanjaan penggunaan akhir kerajaan	179,721	191,268	199,943	40,624	39,709	43,587	55,801	43,448	44,201
3. Pembentukan modal tetap kasar	281,175	278,982	297,816	76,020	61,358	72,873	70,924	73,623	71,446
3.1 Jenis aset									
3.1.1 Struktur	157,257	141,502	148,217	44,871	30,278	41,871	40,237	40,283	36,313
3.1.2 Jentera dan peralatan	100,173	113,551	125,130	25,175	24,681	25,340	24,977	27,779	28,441
3.1.3 Aset lain	23,745	23,929	24,469	5,973	6,399	5,662	5,711	5,561	6,693
3.2 Sektor									
3.2.1 Awam	70,522	62,674	65,985	17,556	10,869	18,030	24,067	14,351	12,189
3.2.2 Swasta	210,653	216,308	231,830	58,463	50,489	54,843	46,857	59,272	59,257
4. Perubahan inventori dan barangan berharga*	-4,464	19,060	21,465	-3,317	10,222	-10,012	-1,357	-2,340	15,833
5. Eksport barangan dan perkhidmatan	830,157	984,094	1,126,661	208,782	175,905	219,086	226,383	233,326	240,971
5.1 Eksport barangan	751,100	911,525	1,012,837	179,462	159,711	202,459	209,467	216,302	222,796
5.2 Eksport perkhidmatan	79,057	72,569	113,823	29,320	16,194	16,627	16,916	17,024	18,175
6. tolak import barangan dan perkhidmatan	743,087	900,516	1,043,918	190,703	163,061	188,050	201,273	213,952	220,628
6.1 Import barangan	623,825	772,112	884,831	155,495	137,181	159,170	171,979	184,269	190,477
6.2 Import perkhidmatan	119,262	128,404	159,087	35,208	25,880	28,881	29,294	29,683	30,151
Perbelanjaan atas KDNK pada harga pembeli	1,346,249	1,390,644	1,510,939	344,690	290,686	352,137	358,736	344,005	337,770

* Termasuk perbezaan statistik

									RM Juta/ Million
2021		2022				2023			Type of expenditure
III	IV	I	II	III	IV	I	II	III	
205,904	216,007	221,127	219,889	236,283	231,675	234,126	229,364	247,041	1. Private final consumption expenditure
55,912	51,495	53,309	54,049	59,713	54,298	55,112	55,546	62,636	1.1 Food and non-alcoholic beverages
7,408	7,599	7,143	6,979	9,049	9,132	8,209	7,534	9,485	1.2 Clothing and footwear
33,472	31,857	33,819	33,751	35,545	35,029	36,821	35,879	37,657	1.3 Housing, water, electricity, gas and other fuels
9,735	9,937	10,942	10,991	11,335	10,346	11,365	11,192	11,644	1.4 Furnishings, household equipment and routine household maintenance
18,648	29,191	27,871	26,885	29,043	32,522	30,994	28,515	32,228	1.5 Transport
21,389	21,997	23,566	23,690	23,704	23,731	25,274	25,375	25,558	1.6 Communication
6,041	7,460	6,689	5,911	10,637	10,647	7,013	6,102	11,064	1.7 Recreation services and culture
13,524	16,841	17,926	19,367	19,378	19,537	19,563	20,347	20,887	1.8 Restaurants and hotels
39,775	39,628	39,861	38,266	37,879	36,432	39,774	38,873	35,882	1.9 Others
44,707	58,911	46,434	45,223	47,596	60,690	45,431	46,922	50,342	2. Government final consumption expenditure
65,078	68,835	73,732	75,562	73,626	74,895	77,324	79,741	77,395	3. Gross fixed capital formation
									3.1 Type of assets
30,961	33,945	37,095	37,682	36,123	37,317	39,885	39,942	38,599	3.1.1 Structure
27,973	29,359	31,123	31,174	30,951	31,881	31,940	32,533	32,204	3.1.2 Machinery and equipment
6,144	5,531	5,514	6,706	6,552	5,697	5,498	7,265	6,592	3.1.3 Other asset
									3.2 Sector
12,842	23,291	14,206	12,583	14,518	24,678	15,010	13,571	15,607	3.2.1 Public
52,236	45,544	59,526	62,980	59,107	50,217	62,314	66,170	61,788	3.2.2 Private
2,430	3,137	5,544	12,337	3,200	384	2,832	8,021	4,124	4. Changes in inventories and valuables*
243,357	266,440	262,090	279,313	295,779	289,478	253,500	253,154	260,169	5. Exports of goods and services
225,670	246,757	241,618	252,205	264,141	254,874	221,112	214,814	221,830	5.1 Exports of goods
17,687	19,682	20,472	27,108	31,638	34,605	32,388	38,339	38,338	5.2 Exports of services
224,190	241,746	248,324	264,879	271,599	259,116	232,247	239,253	241,489	6. less Imports of goods and services
190,441	206,925	212,954	227,252	229,751	214,875	190,064	193,486	192,893	6.1 Imports of goods
33,749	34,821	35,371	37,627	41,849	44,241	42,183	45,766	48,596	6.2 Imports of services
337,286	371,583	360,603	367,444	384,884	398,008	380,966	377,949	397,582	Expenditure on GDP at purchasers' prices

* Includes statistical discrepancy

JADUAL 9A KDNK mengikut Jenis Perbelanjaan pada Harga Semasa - Perubahan peratusan dari suku tahun yang sama tahun sebelumnya
TABLE GDP by Type of Expenditure at Current Prices - Percentage change from corresponding quarter of preceding year

Jenis perbelanjaan	2020	2021 ^a	2022 ^p	2020				2021	
				I	II	III	IV	I	II
1. Perbelanjaan penggunaan akhir swasta	-4.3	3.7	14.9	8.1	-18.7	-2.2	-4.1	-1.4	14.2
1.1 Makanan dan minuman bukan alkohol	7.0	7.6	12.8	8.7	4.8	7.4	7.3	7.8	7.5
1.2 Pakaian dan kasut	-12.9	0.9	17.7	5.3	-38.6	-10.7	-7.2	-0.4	27.9
1.3 Perumahan, air, elektrik, gas dan bahan api lain	2.0	5.1	9.4	4.6	-2.8	3.1	3.1	3.9	6.6
1.4 Hiasan, perkakasan dan penyelenggaraan isi rumah	-10.7	3.3	13.8	3.8	-26.3	-10.1	-10.2	-3.9	22.8
1.5 Pengangkutan	-22.5	0.2	37.1	-0.4	-66.9	-13.7	-13.8	-2.8	57.6
1.6 Komunikasi	9.2	10.8	10.3	10.7	7.5	8.0	10.6	7.7	12.1
1.7 Perkhidmatan rekreasi dan kebudayaan	-48.9	-18.1	50.0	-2.8	-81.6	-54.5	-53.4	-49.3	39.3
1.8 Restoran dan hotel	-25.5	-8.6	33.2	5.2	-40.1	-31.8	-33.3	-27.7	9.7
1.9 Lain-lain	20.3	6.1	0.8	26.3	1.4	32.3	22.6	11.0	18.1
2. Perbelanjaan penggunaan akhir kerajaan	4.3	7.1	6.1	5.4	0.1	8.7	3.3	7.4	12.4
3. Pembentukan modal tetap kasar	-14.5	0.6	9.3	-4.3	-29.7	-10.6	-12.1	-2.6	18.7
3.1 Jenis aset									
3.1.1 Struktur	-17.8	-8.2	7.6	-2.9	-40.7	-12.2	-12.9	-10.0	22.0
3.1.2 Jentera dan peralatan	-9.6	14.8	13.0	-7.5	-13.3	-7.0	-10.5	12.3	17.5
3.1.3 Aset lain	-9.9	2.9	3.4	-1.8	-9.7	-14.2	-13.1	-5.1	7.1
3.2 Sektor									
3.2.1 Awam	-21.3	-9.8	7.7	-14.0	-40.8	-12.5	-20.6	-18.0	14.3
3.2.2 Swasta	-12.0	4.1	9.8	-1.0	-26.9	-10.0	-6.7	1.9	19.6
4. Perubahan inventori dan barangan berharga*	..	..	..	..	..	..	..	..	..
5. Eksport barangan dan perkhidmatan	-11.5	25.2	26.0	-6.5	-24.7	-9.1	-6.0	9.7	43.8
5.1 Eksport barangan	-4.5	28.9	23.1	-3.8	-18.7	1.1	3.1	18.1	47.0
5.2 Eksport perkhidmatan	-45.4	-5.3	59.3	-19.6	-54.6	-55.5	-51.0	-37.9	16.0
6. tolak Import barangan dan perkhidmatan	-10.4	25.4	27.2	-1.9	-21.3	-10.9	-6.9	9.8	38.6
6.1 Import barangan	-7.1	28.8	27.0	-1.0	-18.9	-6.4	-2.1	15.6	42.9
6.2 Import perkhidmatan	-22.6	9.7	27.9	-5.2	-30.9	-27.9	-25.6	-13.4	18.6
Perbelanjaan atas KDNK pada harga pembeli	-6.2	9.2	15.7	1.3	-18.4	-3.5	-4.3	1.2	23.5

* Termasuk perbezaan statistik

									(%)
2021		2022				2023			Type of expenditure
III	IV	I	II	III	IV	I	II	III	
-1.8	6.3	7.5	21.1	20.0	12.0	9.1	5.8	6.2	1. Private final consumption expenditure
7.3	7.9	7.6	16.5	14.2	12.8	10.6	7.1	7.8	1.1 Food and non-alcoholic beverages
-9.3	-3.1	1.7	22.3	26.5	20.3	15.5	8.3	4.9	1.2 Clothing and footwear
4.4	5.7	4.7	10.9	11.1	10.9	10.7	8.2	7.9	1.3 Housing, water, electricity, gas and other fuels
-4.4	3.8	6.7	20.4	21.5	7.1	6.6	4.0	4.3	1.4 Furnishings, household equipment and routine household maintenance
-28.0	12.7	12.0	97.4	63.1	15.7	14.5	8.8	10.8	1.5 Transport
11.9	11.4	11.8	10.7	10.8	7.9	6.0	4.5	4.3	1.6 Communication
-5.2	3.9	7.2	78.4	81.1	47.0	7.1	5.2	5.1	1.7 Recreation services and culture
-10.7	4.7	13.5	47.1	53.2	24.1	16.7	12.3	13.4	1.8 Restaurants and hotels
-3.9	1.9	3.5	1.4	-0.7	-0.8	-0.2	-2.9	-3.6	1.9 Others
2.7	6.6	7.6	3.7	8.0	5.2	-0.1	4.9	6.8	2. Government final consumption expenditure
-10.4	-0.2	2.6	8.3	16.1	11.2	6.9	7.7	6.9	3. Gross fixed capital formation
									3.1 Type of assets
-23.9	-13.4	-5.2	6.8	19.8	12.5	9.4	8.6	9.1	3.1.1 Structure
7.7	22.1	15.5	11.9	13.4	11.2	4.6	5.9	5.5	3.1.2 Machinery and equipment
9.8	-0.3	-0.8	2.0	8.1	4.1	1.5	10.4	1.3	3.1.3 Other asset
									3.2 Sector
-28.5	-0.7	1.4	5.6	15.8	8.3	7.8	10.3	9.6	3.2.1 Public
-4.5	0.0	2.9	8.8	16.1	12.8	6.7	7.2	6.3	3.2.2 Private
..	..	..	..	..	..	..	..	..	4. Changes in inventories and valuables*
21.3	29.2	23.9	29.7	34.1	17.2	-0.9	-11.9	-15.6	5. Exports of goods and services
22.6	30.6	24.5	28.1	29.9	11.7	-6.8	-18.2	-20.8	5.1 Exports of goods
8.3	15.1	17.7	48.6	84.1	82.7	67.4	48.9	26.9	5.2 Exports of services
25.9	29.2	24.6	34.3	34.2	16.6	-1.4	-11.5	-13.2	6. less Imports of goods and services
27.4	31.0	25.5	35.5	35.2	13.4	-6.3	-17.9	-19.1	6.1 Imports of goods
18.6	20.6	20.1	27.6	29.0	33.9	25.9	25.9	19.4	6.2 Imports of services
2.6	12.0	13.7	18.7	20.8	10.1	5.2	-1.2	1.2	Expenditure on GDP at purchasers' prices

* Includes statistical discrepancy

JADUAL 9B KDNK mengikut Jenis Perbelanjaan pada Harga Malar 2015 - Perubahan peratusan dari suku tahun yang sama tahun sebelumnya
TABLE GDP by Type of Expenditure at Constant 2015 Prices - Percentage change from corresponding quarter of preceding year

Jenis perbelanjaan	2020	2021 ^a	2022 ^p	2020				2021	
				I	II	III	IV	I	II
1. Perbelanjaan penggunaan akhir swasta	-3.9	1.9	11.2	7.2	-18.2	-1.7	-3.1	-1.6	11.6
1.1 Makanan dan minuman bukan alkohol	5.8	6.0	6.9	7.5	3.6	6.0	5.9	6.3	6.0
1.2 Pakaian dan kasut	-12.5	0.9	16.4	6.2	-38.1	-10.7	-7.3	-0.6	28.1
1.3 Perumahan, air, elektrik, gas dan bahan api lain	3.8	2.7	6.2	2.5	0.0	6.3	6.6	5.0	1.8
1.4 Hiasan, perkakasan dan penyelenggaraan isi rumah	-10.7	1.0	9.8	3.1	-26.1	-9.8	-10.0	-4.2	19.5
1.5 Pengangkutan	-13.8	-6.4	32.9	1.3	-56.8	-2.2	-1.6	-0.8	30.1
1.6 Komunikasi	8.1	10.8	10.3	9.5	6.1	6.6	10.2	7.7	12.1
1.7 Perkhidmatan rekreasi dan kebudayaan	-48.8	-18.8	46.1	-3.0	-81.6	-54.5	-53.4	-49.3	38.1
1.8 Restoran dan hotel	-26.6	-9.0	25.6	2.8	-41.1	-32.7	-34.1	-27.7	9.4
1.9 Lain-lain	16.5	5.6	-2.2	25.3	-0.2	24.1	17.4	10.0	17.4
2. Perbelanjaan penggunaan akhir kerajaan	4.1	6.4	4.5	5.4	0.6	7.9	2.9	7.0	11.3
3. Pembentukan modal tetap kasar	-14.4	-0.8	6.8	-4.4	-29.0	-11.4	-11.7	-3.2	16.4
3.1 Jenis aset									
3.1.1 Struktur	-18.3	-10.0	4.7	-3.7	-41.3	-12.6	-13.1	-10.2	19.9
3.1.2 Jentera dan peralatan	-8.6	13.4	10.2	-6.1	-10.9	-8.2	-9.0	10.3	15.2
3.1.3 Aset lain	-10.6	0.8	2.3	-2.6	-10.1	-15.7	-13.3	-6.9	4.6
3.2 Sektor									
3.2.1 Awam	-21.2	-11.1	5.3	-14.2	-40.0	-12.9	-20.4	-18.3	12.1
3.2.2 Swasta	-11.9	2.7	7.2	-1.1	-26.1	-10.8	-6.5	1.4	17.4
4. Perubahan inventori dan barangan berharga*	..	..	..	..	..	..	..	..	..
5. Eksport barangan dan perkhidmatan	-8.6	18.5	14.5	-7.0	-21.5	-4.2	-1.9	11.8	37.0
5.1 Eksport barangan	-0.7	21.4	11.1	-3.9	-14.5	6.8	8.4	20.5	39.5
5.2 Eksport perkhidmatan	-47.8	-8.2	56.8	-22.1	-56.6	-57.4	-54.9	-41.9	12.2
6. tolak import barangan dan perkhidmatan	-7.9	21.2	15.9	-1.9	-18.5	-7.8	-3.4	12.2	35.3
6.1 Import barangan	-3.6	23.8	14.6	-0.3	-15.0	-2.0	2.7	18.5	38.9
6.2 Import perkhidmatan	-25.3	7.7	23.9	-8.5	-33.2	-30.4	-28.3	-15.7	16.5
Perbelanjaan atas KDNK pada harga pembeli	-5.5	3.3	8.7	0.7	-16.9	-2.5	-3.2	-0.2	16.2

* Termasuk perbezaan statistik

									(%)
2021		2022				2023			Type of expenditure
III	IV	I	II	III	IV	I	II	III	
-4.1	3.7	5.3	18.3	14.8	7.3	5.9	4.3	4.6	1. Private final consumption expenditure
6.1	5.5	4.6	11.0	6.8	5.4	3.4	2.8	4.9	1.1 Food and non-alcoholic beverages
-9.1	-2.9	1.8	22.1	22.2	20.2	14.9	8.0	4.8	1.2 Clothing and footwear
2.6	1.3	1.9	7.1	6.2	10.0	8.9	6.3	5.9	1.3 Housing, water, electricity, gas and other fuels
-6.9	0.4	3.1	16.3	16.4	4.1	3.9	1.8	2.7	1.4 Furnishings, household equipment and routine household maintenance
-34.8	3.3	9.0	91.0	55.7	11.4	11.2	6.1	11.0	1.5 Transport
11.9	11.4	11.8	10.7	10.8	7.9	7.2	7.1	7.8	1.6 Communication
-5.9	3.4	5.9	75.1	76.1	42.7	4.8	3.2	4.0	1.7 Recreation services and culture
-11.1	3.9	10.9	36.7	43.3	16.0	9.1	5.1	7.8	1.8 Restaurants and hotels
-3.9	2.0	2.3	1.9	-4.8	-8.1	-0.2	1.6	-5.3	1.9 Others
2.6	5.6	6.9	2.3	6.5	3.0	-2.2	3.8	5.8	2. Government final consumption expenditure
-10.7	-2.9	0.1	5.8	13.1	8.8	4.9	5.5	5.1	3. Gross fixed capital formation
									3.1 Type of assets
-26.1	-15.6	-7.9	3.8	16.7	9.9	7.5	6.0	6.9	3.1.1 Structure
10.4	17.5	12.0	9.6	10.6	8.6	2.6	4.4	4.0	3.1.2 Machinery and equipment
8.5	-3.1	-0.8	0.2	6.6	3.0	-0.3	8.3	0.6	3.1.3 Other asset
									3.2 Sector
-28.8	-3.2	-1.0	3.2	13.1	6.0	5.7	7.9	7.5	3.2.1 Public
-4.8	-2.8	0.4	6.3	13.2	10.3	4.7	5.1	4.5	3.2.2 Private
..	..	..	..	..	..	..	..	..	4. Changes in inventories and valuables*
11.1	17.7	12.3	15.9	21.5	8.6	-3.3	-9.4	-12.0	5. Exports of goods and services
11.5	17.8	11.7	13.2	17.0	3.3	-8.5	-14.8	-16.0	5.1 Exports of goods
6.4	16.4	20.3	49.2	78.9	75.8	58.2	41.4	21.2	5.2 Exports of services
19.2	20.1	16.1	20.1	21.1	7.2	-6.5	-9.7	-11.1	6. less Imports of goods and services
19.6	20.3	15.6	19.3	20.6	3.8	-10.7	-14.9	-16.0	6.1 Imports of goods
16.9	18.9	19.2	24.8	24.0	27.1	19.3	21.6	16.1	6.2 Imports of services
-4.2	3.6	4.8	8.8	14.1	7.1	5.6	2.9	3.3	Expenditure on GDP at purchasers' prices

* Includes statistical discrepancy

JADUAL 10A KDNK mengikut Jenis Perbelanjaan pada Harga Semasa - Perubahan peratusan dari suku tahun sebelumnya
TABLE 10A GDP by Type of Expenditure at Current Prices - Percentage change from preceding quarter

Jenis perbelanjaan	2020	2021 ^a	2022 ^p	2020				2021	
				I	II	III	IV	I	II
1. Perbelanjaan penggunaan akhir swasta	-4.3	3.7	14.9	0.1	-22.9	28.6	-3.4	2.9	-10.7
1.1 Makanan dan minuman bukan alkohol	7.0	7.6	12.8	4.4	-3.7	15.7	-7.8	4.9	-4.0
1.2 Pakaian dan kasut	-12.9	0.9	17.7	-17.6	-35.2	79.4	-3.2	-11.5	-16.8
1.3 Perumahan, air, elektrik, gas dan bahan api lain	2.0	5.1	9.4	5.3	-5.8	8.8	-4.6	6.2	-3.4
1.4 Hiasan, perkakasan dan penyelenggaraan isi rumah	-10.7	3.3	13.8	2.6	-28.7	33.0	-7.8	9.8	-8.8
1.5 Pengangkutan	-22.5	0.2	37.1	-7.3	-69.1	203.8	-0.7	4.5	-50.0
1.6 Komunikasi	9.2	10.8	10.3	8.8	-1.3	0.2	2.8	5.9	2.7
1.7 Perkhidmatan rekreasi dan kebudayaan	-48.9	-18.1	50.0	-20.6	-80.2	167.2	10.7	-13.6	-45.5
1.8 Restoran dan hotel	-25.5	-8.6	33.2	-9.6	-42.0	18.7	7.1	-2.0	-11.9
1.9 Lain-lain	20.3	6.1	0.8	12.0	-6.9	25.4	-6.2	1.4	-1.0
2. Perbelanjaan penggunaan akhir kerajaan	4.3	7.1	6.1	-24.9	-2.6	10.6	27.8	-22.0	1.9
3. Pembentukan modal tetap kasar	-14.5	0.6	9.3	-4.2	-20.1	19.9	-4.2	6.1	-2.6
3.1 Jenis aset									
3.1.1 Struktur	-17.8	-8.2	7.6	0.1	-32.1	34.3	-4.6	3.5	-8.0
3.1.2 Jentera dan peralatan	-9.6	14.8	13.0	-10.2	-3.4	8.1	-4.6	12.7	1.1
3.1.3 Aset lain	-9.9	2.9	3.4	-10.3	5.6	-8.4	0.1	-2.0	19.1
3.2 Sektor									
3.2.1 Awam	-21.3	-9.8	7.7	-44.2	-39.5	70.5	37.9	-42.3	-15.7
3.2.2 Swasta	-12.0	4.1	9.8	21.3	-14.4	9.4	-17.8	32.4	0.5
4. Perubahan inventori dan barangan berharga*	..	..	..	..	..	..	..	..	..
5. Eksport barangan dan perkhidmatan	-11.5	25.2	26.0	-11.5	-18.0	23.1	5.2	3.3	7.5
5.1 Eksport barangan	-4.5	28.9	23.1	-9.5	-13.3	24.9	5.3	3.6	7.9
5.2 Eksport perkhidmatan	-45.4	-5.3	59.3	-21.4	-44.4	7.3	4.3	-0.2	3.8
6. tolak import barangan dan perkhidmatan	-10.4	25.4	27.2	-9.3	-15.3	13.9	6.4	7.0	6.9
6.1 Import barangan	-7.1	28.8	27.0	-8.6	-13.0	15.3	6.8	7.9	7.6
6.2 Import perkhidmatan	-22.6	9.7	27.9	-11.8	-24.6	7.6	4.0	2.6	3.3
Perbelanjaan atas KDNK pada harga pembeli	-6.2	9.2	15.7	-7.3	-17.5	21.6	2.9	-2.1	0.8

* Termasuk perbezaan statistik

									(%)
2021		2022				2023			Type of expenditure
III	IV	I	II	III	IV	I	II	III	
10.6	4.6	4.1	0.6	9.6	-2.4	1.4	-2.4	10.0	1. Private final consumption expenditure
15.5	-7.3	4.6	4.0	13.2	-8.4	2.6	0.7	14.0	1.1 Food and non-alcoholic beverages
27.3	3.5	-7.2	0.1	31.5	-1.6	-10.8	-6.1	27.4	1.2 Clothing and footwear
6.7	-3.4	5.1	2.4	6.9	-3.6	4.9	0.1	6.6	1.3 Housing, water, electricity, gas and other fuels
3.5	0.2	12.9	2.9	4.3	-11.7	12.5	0.4	4.7	1.4 Furnishings, household equipment and routine household maintenance
38.8	55.3	3.9	-11.9	14.7	10.2	2.8	-16.3	16.9	1.5 Transport
0.1	2.3	6.3	1.7	0.2	-0.4	4.5	0.2	0.1	1.6 Communication
81.9	21.3	-10.9	-9.3	84.7	-1.6	-35.1	-10.8	84.5	1.7 Recreation services and culture
-3.3	25.5	6.2	14.1	0.7	1.6	-0.1	9.8	1.8	1.8 Restaurants and hotels
2.1	-0.5	2.9	-3.0	0.0	-0.7	3.5	-5.6	-0.8	1.9 Others
1.1	32.6	-21.2	-1.8	5.3	29.1	-25.2	3.1	7.2	2. Government final consumption expenditure
-9.5	6.7	9.2	2.7	-3.0	2.2	4.9	3.5	-3.6	3. Gross fixed capital formation
									3.1 Type of assets
-16.2	8.5	13.3	3.6	-5.9	1.9	10.2	2.8	-5.5	3.1.1 Structure
-0.9	8.2	6.6	-2.1	0.5	6.0	0.3	-0.9	0.1	3.1.2 Machinery and equipment
-6.0	-9.1	-2.5	22.4	-0.4	-12.4	-4.9	33.1	-8.6	3.1.3 Other asset
									3.2 Sector
6.6	91.6	-41.1	-12.2	16.9	79.1	-41.4	-10.2	16.2	3.2.1 Public
-12.7	-13.9	36.3	6.2	-6.8	-16.4	28.8	6.7	-7.6	3.2.2 Private
..	..	..	..	..	..	..	..	..	4. Changes in inventories and valuables*
3.8	12.1	-0.9	12.6	7.3	-2.0	-16.2	0.1	2.8	5. Exports of goods and services
4.1	12.2	-1.2	11.0	5.6	-3.5	-17.6	-2.5	2.2	5.1 Exports of goods
0.2	10.9	2.1	31.0	24.2	10.0	-6.5	16.5	5.9	5.2 Exports of services
3.5	9.2	3.2	15.1	3.4	-5.1	-12.7	3.3	1.5	6. less Imports of goods and services
2.7	9.8	3.4	16.1	2.5	-7.8	-14.6	1.7	1.0	6.1 Imports of goods
7.5	5.8	2.2	9.7	8.8	9.7	-3.9	9.7	3.1	6.2 Imports of services
1.0	12.3	-0.6	5.3	2.8	2.3	-5.0	-1.1	5.3	Expenditure on GDP at purchasers' prices

* Includes statistical discrepancy

JADUAL 10B KDNK mengikut Jenis Perbelanjaan pada Harga Malar 2015 - Perubahan peratusan dari suku tahun sebelumnya
TABLE 10B GDP by Type of Expenditure at Constant 2015 Prices - Percentage change from preceding quarter

Jenis perbelanjaan	2020	2021 ^a	2022 ^p	2020				2021	
				I	II	III	IV	I	II
1. Perbelanjaan penggunaan akhir swasta	-3.9	1.9	11.2	-0.7	-21.9	28.9	-3.0	0.8	-11.4
1.1 Makanan dan minuman bukan alkohol	5.8	6.0	6.9	4.1	-4.3	14.8	-7.4	4.5	-4.5
1.2 Pakaian dan kasut	-12.5	0.9	16.4	-16.4	-36.8	82.7	-4.0	-10.3	-18.5
1.3 Perumahan, air, elektrik, gas dan bahan api lain	3.8	2.7	6.2	7.2	-2.1	5.4	-3.6	5.6	-5.1
1.4 Hiasan, perkakasan dan penyelenggaraan isi rumah	-10.7	1.0	9.8	0.8	-28.6	32.2	-5.3	7.2	-10.9
1.5 Pengangkutan	-13.8	-6.4	32.9	-10.3	-58.0	164.3	-1.2	-9.5	-45.0
1.6 Komunikasi	8.1	10.8	10.3	9.3	-2.4	0.1	3.3	6.8	1.6
1.7 Perkhidmatan rekreasi dan kebudayaan	-48.8	-18.8	46.1	-19.4	-80.4	162.8	12.3	-12.4	-46.5
1.8 Restoran dan hotel	-26.6	-9.0	25.6	-9.2	-42.1	17.4	6.6	-0.3	-12.4
1.9 Lain-lain	16.5	5.6	-2.2	6.9	-9.6	29.4	-6.1	0.2	-3.6
2. Perbelanjaan penggunaan akhir kerajaan	4.1	6.4	4.5	-25.1	-2.3	9.8	28.0	-22.1	1.7
3. Pembentukan modal tetap kasar	-14.4	-0.8	6.8	-5.4	-19.3	18.8	-2.7	3.8	-3.0
3.1 Jenis aset									
3.1.1 Struktur	-18.3	-10.0	4.7	-3.1	-32.5	38.3	-3.9	0.1	-9.9
3.1.2 Jentera dan peralatan	-8.6	13.4	10.2	-8.3	-2.0	2.7	-1.4	11.2	2.4
3.1.3 Aset lain	-10.6	0.8	2.3	-9.3	7.1	-11.5	0.9	-2.6	20.4
3.2 Sektor									
3.2.1 Awam	-21.2	-11.1	5.3	-41.9	-38.1	65.9	33.5	-40.4	-15.1
3.2.2 Swasta	-11.9	2.7	7.2	16.6	-13.6	8.6	-14.6	26.5	0.0
4. Perubahan inventori dan barangan berharga*	..	..	..	..	..	..	..	..	..
5. Eksport barangan dan perkhidmatan	-8.6	18.5	14.5	-9.5	-15.7	24.5	3.3	3.1	3.3
5.1 Eksport barangan	-0.7	21.4	11.1	-7.1	-11.0	26.8	3.5	3.3	3.0
5.2 Eksport perkhidmatan	-47.8	-8.2	56.8	-21.9	-44.8	2.7	1.7	0.6	6.8
6. tolak import barangan dan perkhidmatan	-7.9	21.2	15.9	-8.4	-14.5	15.3	7.0	6.3	3.1
6.1 Import barangan	-3.6	23.8	14.6	-7.1	-11.8	16.0	8.0	7.1	3.4
6.2 Import perkhidmatan	-25.3	7.7	23.9	-13.8	-26.5	11.6	1.4	1.3	1.6
Perbelanjaan atas KDNK pada harga pembeli	-5.5	3.3	8.7	-7.0	-15.7	21.1	1.9	-4.1	-1.8

* Termasuk perbezaan statistik

									(%)
2021		2022				2023			Type of expenditure
III	IV	I	II	III	IV	I	II	III	
10.7	4.9	2.4	-0.6	7.5	-1.9	1.1	-2.0	7.7	1. Private final consumption expenditure
14.9	-7.9	3.5	1.4	10.5	-9.1	1.5	0.8	12.8	1.1 Food and non-alcoholic beverages
29.6	2.6	-6.0	-2.3	29.7	0.9	-10.1	-8.2	25.9	1.2 Clothing and footwear
6.2	-4.8	6.2	-0.2	5.3	-1.5	5.1	-2.6	5.0	1.3 Housing, water, electricity, gas and other fuels
3.0	2.1	10.1	0.4	3.1	-8.7	9.9	-1.5	4.0	1.4 Furnishings, household equipment and routine household maintenance
32.5	56.5	-4.5	-3.5	8.0	12.0	-4.7	-8.0	13.0	1.5 Transport
-0.1	2.8	7.1	0.5	0.1	0.1	6.5	0.4	0.7	1.6 Communication
78.9	23.5	-10.3	-11.6	79.9	0.1	-34.1	-13.0	81.3	1.7 Recreation services and culture
-4.5	24.5	6.4	8.0	0.1	0.8	0.1	4.0	2.7	1.8 Restaurants and hotels
5.9	-0.4	0.6	-4.0	-1.0	-3.8	9.2	-2.3	-7.7	1.9 Others
1.1	31.8	-21.2	-2.6	5.2	27.5	-25.1	3.3	7.3	2. Government final consumption expenditure
-8.9	5.8	7.1	2.5	-2.6	1.7	3.2	3.1	-2.9	3. Gross fixed capital formation
									3.1 Type of assets
-14.7	9.6	9.3	1.6	-4.1	3.3	6.9	0.1	-3.4	3.1.1 Structure
-1.6	5.0	6.0	0.2	-0.7	3.0	0.2	1.9	-1.0	3.1.2 Machinery and equipment
-8.2	-10.0	-0.3	21.6	-2.3	-13.0	-3.5	32.1	-9.3	3.1.3 Other asset
									3.2 Sector
5.4	81.4	-39.0	-11.4	15.4	70.0	-39.2	-9.6	15.0	3.2.1 Public
-11.8	-12.8	30.7	5.8	-6.1	-15.0	24.1	6.2	-6.6	3.2.2 Private
..	..	..	..	..	..	..	..	..	4. Changes in inventories and valuables*
1.0	9.5	-1.6	6.6	5.9	-2.1	-12.4	-0.1	2.8	5. Exports of goods and services
1.3	9.3	-2.1	4.4	4.7	-3.5	-13.2	-2.8	3.3	5.1 Exports of goods
-2.7	11.3	4.0	32.4	16.7	9.4	-6.4	18.4	0.0	5.2 Exports of services
1.6	7.8	2.7	6.7	2.5	-4.6	-10.4	3.0	0.9	6. less Imports of goods and services
0.0	8.7	2.9	6.7	1.1	-6.5	-11.5	1.8	-0.3	6.1 Imports of goods
11.9	3.2	1.6	6.4	11.2	5.7	-4.7	8.5	6.2	6.2 Imports of services
-0.1	10.2	-3.0	1.9	4.7	3.4	-4.3	-0.8	5.2	Expenditure on GDP at purchasers' prices

* Includes statistical discrepancy

JADUAL 11A KDNK mengikut Jenis Perbelanjaan pada Harga Semasa - Peratus sumbangan kepada KDNK
TABLE 11A GDP by Type of Expenditure at Current Prices - Percentage share to GDP

Jenis perbelanjaan	2020	2021 ^a	2022 ^p	2020				2021	
				I	II	III	IV	I	II
1. Perbelanjaan penggunaan akhir swasta	61.0	57.9	57.6	63.3	59.2	62.6	58.7	61.7	54.7
1.1 Makanan dan minuman bukan alkohol	15.9	15.6	15.2	14.9	17.4	16.6	14.8	15.9	15.2
1.2 Pakaian dan kasut	1.9	1.7	1.8	1.8	1.4	2.1	2.0	1.8	1.5
1.3 Perumahan, air, elektrik, gas dan bahan api lain	9.6	9.2	8.7	9.4	10.7	9.6	8.9	9.6	9.2
1.4 Hiasan, perkakasan dan penyelenggaraan isi rumah	3.0	2.8	2.7	3.2	2.8	3.0	2.7	3.1	2.8
1.5 Pengangkutan	6.3	5.8	6.9	7.7	2.9	7.2	6.9	7.4	3.7
1.6 Komunikasi	5.6	5.7	5.4	5.4	6.5	5.3	5.3	5.7	5.9
1.7 Perkhidmatan rekreasi dan kebudayaan	2.1	1.6	2.1	3.6	0.9	1.9	2.0	1.8	1.0
1.8 Restoran dan hotel	5.4	4.5	5.2	6.9	4.8	4.7	4.9	4.9	4.3
1.9 Lain-lain	11.3	11.0	9.6	10.4	11.8	12.1	11.1	11.5	11.3
2. Perbelanjaan penggunaan akhir kerajaan	13.0	12.7	11.7	11.3	13.3	12.1	15.1	12.0	12.1
3. Pembentukan modal tetap kasar	20.9	19.3	18.2	22.0	21.3	21.0	19.5	21.2	20.4
3.1 Jenis aset									
3.1.1 Struktur	12.0	10.1	9.4	13.3	11.0	12.1	11.2	11.9	10.8
3.1.2 Jentera dan peralatan	7.1	7.5	7.3	6.9	8.1	7.2	6.6	7.6	7.7
3.1.3 Aset lain	1.8	1.7	1.5	1.7	2.2	1.7	1.6	1.6	1.9
3.2 Sektor									
3.2.1 Awam	5.2	4.3	4.0	5.0	3.7	5.1	6.9	4.0	3.4
3.2.2 Swasta	15.7	14.9	14.2	17.0	17.6	15.8	12.7	17.1	17.1
4. Perubahan inventori dan barangan berharga*	-1.3	2.8	5.3	-2.2	2.5	-3.7	-1.0	-0.9	5.9
5. Eksport barangan dan perkhidmatan	61.6	70.6	77.0	61.1	60.7	61.4	62.8	66.3	70.7
5.1 Eksport barangan	55.0	64.9	69.1	52.0	54.6	56.0	57.3	60.7	64.9
5.2 Eksport perkhidmatan	6.6	5.7	7.8	9.1	6.1	5.4	5.5	5.6	5.8
6. tolak import barangan dan perkhidmatan	55.2	63.4	69.7	55.6	57.0	53.4	55.2	60.3	64.0
6.1 Import barangan	45.3	53.5	58.7	44.4	46.8	44.3	46.0	50.7	54.1
6.2 Import perkhidmatan	9.9	9.9	11.0	11.2	10.2	9.0	9.1	9.6	9.8
Perbelanjaan atas KDNK pada harga pembeli	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

* Termasuk perbezaan statistik

									(%)
2021		2022				2023			Type of expenditure
III	IV	I	II	III	IV	I	II	III	
59.9	55.8	58.4	55.8	59.5	56.8	60.6	59.7	62.4	1. Private final consumption expenditure
17.3	14.3	15.1	14.9	16.4	14.7	15.8	16.1	17.4	1.1 Food and non-alcoholic beverages
1.9	1.7	1.6	1.5	2.0	1.9	1.8	1.7	2.0	1.2 Clothing and footwear
9.8	8.4	8.9	8.6	9.0	8.5	9.3	9.5	9.6	1.3 Housing, water, electricity, gas and other fuels
2.8	2.5	2.9	2.8	2.9	2.5	2.9	3.0	2.9	1.4 Furnishings, household equipment and routine household maintenance
5.0	7.0	7.3	6.1	6.8	7.3	7.9	6.7	7.4	1.5 Transport
5.8	5.3	5.7	5.5	5.3	5.2	5.7	5.8	5.5	1.6 Communication
1.7	1.9	1.7	1.4	2.6	2.5	1.7	1.5	2.7	1.7 Recreation services and culture
4.1	4.6	4.9	5.3	5.2	5.2	5.5	6.1	5.8	1.8 Restaurants and hotels
11.4	10.1	10.4	9.6	9.4	9.1	9.9	9.5	8.9	1.9 Others
12.1	14.3	11.4	10.6	10.9	13.7	10.8	11.3	11.5	2. Government final consumption expenditure
18.3	17.4	19.1	18.6	17.6	17.6	19.4	20.3	18.6	3. Gross fixed capital formation
									3.1 Type of assets
9.0	8.7	9.9	9.8	8.9	8.9	10.3	10.7	9.6	3.1.1 Structure
7.5	7.2	7.8	7.2	7.1	7.3	7.7	7.7	7.4	3.1.2 Machinery and equipment
1.8	1.5	1.4	1.7	1.6	1.4	1.4	1.9	1.6	3.1.3 Other asset
									3.2 Sector
3.6	6.1	3.6	3.0	3.4	6.0	3.7	3.4	3.7	3.2.1 Public
14.8	11.3	15.5	15.6	14.2	11.6	15.7	17.0	14.9	3.2.2 Private
2.5	3.7	5.0	10.0	4.2	2.2	3.1	4.5	2.7	4. Changes in inventories and valuables*
72.7	72.5	72.3	77.3	80.7	77.2	68.1	68.9	67.2	5. Exports of goods and services
67.0	66.9	66.5	70.1	71.9	67.9	58.9	58.0	56.3	5.1 Exports of goods
5.7	5.7	5.8	7.2	8.7	9.4	9.2	10.9	10.9	5.2 Exports of services
65.5	63.7	66.1	72.3	72.8	67.5	62.0	64.7	62.4	6. less Imports of goods and services
55.1	53.9	56.0	61.8	61.6	55.5	49.9	51.3	49.2	6.1 Imports of goods
10.5	9.8	10.1	10.6	11.2	12.0	12.1	13.4	13.2	6.2 Imports of services
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Expenditure on GDP at purchasers' prices

* Includes statistical discrepancy

JADUAL 11B KDNK mengikut Jenis Perbelanjaan pada Harga Malar 2015 - Peratus sumbangan kepada KDNK
TABLE GDP by Type of Expenditure at Constant 2015 Prices - Percentage share to GDP

Jenis perbelanjaan	2020	2021 ^a	2022 ^p	2020				2021	
				I	II	III	IV	I	II
1. Perbelanjaan penggunaan akhir swasta	59.6	58.8	60.2	61.9	57.3	61.0	58.1	61.0	55.1
1.1 Makanan dan minuman bukan alkohol	14.5	14.9	14.7	13.9	15.8	15.0	13.6	14.8	14.4
1.2 Pakaian dan kasut	2.0	2.0	2.1	2.0	1.5	2.3	2.2	2.0	1.7
1.3 Perumahan, air, elektrik, gas dan bahan api lain	9.4	9.4	9.1	9.2	10.6	9.3	8.8	9.6	9.3
1.4 Hiasan, perkakasan dan penyelenggaraan isi rumah	2.9	2.9	2.9	3.2	2.7	3.0	2.8	3.1	2.8
1.5 Pengangkutan	6.9	6.3	7.7	7.5	3.7	8.1	7.9	7.4	4.2
1.6 Komunikasi	5.8	6.2	6.3	5.7	6.6	5.4	5.5	6.1	6.3
1.7 Perkhidmatan rekreasi dan kebudayaan	2.1	1.7	2.2	3.6	0.8	1.8	2.0	1.8	1.0
1.8 Restoran dan hotel	5.0	4.4	5.0	6.5	4.5	4.3	4.5	4.7	4.2
1.9 Lain-lain	11.0	11.2	10.1	10.3	11.0	11.8	10.8	11.3	11.1
2. Perbelanjaan penggunaan akhir kerajaan	13.3	13.8	13.2	11.8	13.7	12.4	15.6	12.6	13.1
3. Pembentukan modal tetap kasar	20.9	20.1	19.7	22.1	21.1	20.7	19.8	21.4	21.2
3.1 Jenis aset									
3.1.1 Struktur	11.7	10.2	9.8	13.0	10.4	11.9	11.2	11.7	10.8
3.1.2 Jentera dan peralatan	7.4	8.2	8.3	7.3	8.5	7.2	7.0	8.1	8.4
3.1.3 Aset lain	1.8	1.7	1.6	1.7	2.2	1.6	1.6	1.6	2.0
3.2 Sektor									
3.2.1 Awam	5.2	4.5	4.4	5.1	3.7	5.1	6.7	4.2	3.6
3.2.2 Swasta	15.6	15.6	15.3	17.0	17.4	15.6	13.1	17.2	17.5
4. Perubahan inventori dan barangan berharga*	-0.3	1.4	1.4	-1.0	3.5	-2.8	-0.4	-0.7	4.7
5. Eksport barangan dan perkhidmatan	61.7	70.8	74.6	60.6	60.5	62.2	63.1	67.8	71.3
5.1 Eksport barangan	55.8	65.5	67.0	52.1	54.9	57.5	58.4	62.9	66.0
5.2 Eksport perkhidmatan	5.9	5.2	7.5	8.5	5.6	4.7	4.7	4.9	5.4
6. tolak import barangan dan perkhidmatan	55.2	64.8	69.1	55.3	56.1	53.4	56.1	62.2	65.3
6.1 Import barangan	46.3	55.5	58.6	45.1	47.2	45.2	47.9	53.6	56.4
6.2 Import perkhidmatan	8.9	9.2	10.5	10.2	8.9	8.2	8.2	8.6	8.9
Perbelanjaan atas KDNK pada harga pembeli	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

* Termasuk perbezaan statistik

									(%)
2021		2022				2023			Type of expenditure
III	IV	I	II	III	IV	I	II	III	
61.0	58.1	61.3	59.8	61.4	58.2	61.5	60.7	62.1	1. Private final consumption expenditure
16.6	13.9	14.8	14.7	15.5	13.6	14.5	14.7	15.8	1.1 Food and non-alcoholic beverages
2.2	2.0	2.0	1.9	2.4	2.3	2.2	2.0	2.4	1.2 Clothing and footwear
9.9	8.6	9.4	9.2	9.2	8.8	9.7	9.5	9.5	1.3 Housing, water, electricity, gas and other fuels
2.9	2.7	3.0	3.0	2.9	2.6	3.0	3.0	2.9	1.4 Furnishings, household equipment and routine household maintenance
5.5	7.9	7.7	7.3	7.5	8.2	8.1	7.5	8.1	1.5 Transport
6.3	5.9	6.5	6.4	6.2	6.0	6.6	6.7	6.4	1.6 Communication
1.8	2.0	1.9	1.6	2.8	2.7	1.8	1.6	2.8	1.7 Recreation services and culture
4.0	4.5	5.0	5.3	5.0	4.9	5.1	5.4	5.3	1.8 Restaurants and hotels
11.8	10.7	11.1	10.4	9.8	9.2	10.4	10.3	9.0	1.9 Others
13.3	15.9	12.9	12.3	12.4	15.2	11.9	12.4	12.7	2. Government final consumption expenditure
19.3	18.5	20.4	20.6	19.1	18.8	20.3	21.1	19.5	3. Gross fixed capital formation
									3.1 Type of assets
9.2	9.1	10.3	10.3	9.4	9.4	10.5	10.6	9.7	3.1.1 Structure
8.3	7.9	8.6	8.5	8.0	8.0	8.4	8.6	8.1	3.1.2 Machinery and equipment
1.8	1.5	1.5	1.8	1.7	1.4	1.4	1.9	1.7	3.1.3 Other asset
									3.2 Sector
3.8	6.3	3.9	3.4	3.8	6.2	3.9	3.6	3.9	3.2.1 Public
15.5	12.3	16.5	17.1	15.4	12.6	16.4	17.5	15.5	3.2.2 Private
0.7	0.8	1.5	3.4	0.8	0.1	0.7	2.1	1.0	4. Changes in inventories and valuables*
72.2	71.7	72.7	76.0	76.8	72.7	66.5	67.0	65.4	5. Exports of goods and services
66.9	66.4	67.0	68.6	68.6	64.0	58.0	56.8	55.8	5.1 Exports of goods
5.2	5.3	5.7	7.4	8.2	8.7	8.5	10.1	9.6	5.2 Exports of services
66.5	65.1	68.9	72.1	70.6	65.1	61.0	63.3	60.7	6. less Imports of goods and services
56.5	55.7	59.1	61.8	59.7	54.0	49.9	51.2	48.5	6.1 Imports of goods
10.0	9.4	9.8	10.2	10.9	11.1	11.1	12.1	12.2	6.2 Imports of services
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	Expenditure on GDP at purchasers' prices

* Includes statistical discrepancy

KONSEP DAN DEFINISI

PENGENALAN

Penerbitan ini membentangkan data Keluaran Dalam Negeri Kasar (KDNK) bagi suku pertama 2020 sehingga suku ketiga 2023.

Data KDNK ini diterbitkan berdasarkan tahun asas 2015. Secara konsepnya, tahun asas 2015 merujuk kepada semua transaksi barangan dan perkhidmatan dinilai semula berdasarkan harga 2015. Penyusunan anggaran ini adalah berdasarkan kepada garis panduan *Systems of National Accounts 2008 (SNA 2008)*.

KELUARAN DALAM NEGERI KASAR

KDNK adalah jumlah nilai barangan dan perkhidmatan yang dikeluarkan dalam tempoh tertentu selepas ditolak kos barang dan perkhidmatan yang digunakan dalam proses pengeluaran. Nilai ini merupakan nilai sebelum ditolak nilai peruntukan bagi modal tetap; iaitu jumlah nilai ditambah pada harga pengeluar bagi pengeluar residen ditambah dengan duti import. KDNK ini juga bersamaan dengan perbelanjaan ke atas KDNK (pada harga pembeli) iaitu jumlah bagi semua komponen perbelanjaan akhir ke atas barangan dan perkhidmatan tolak dengan import barangan dan perkhidmatan.

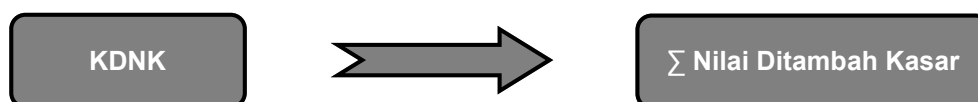
KDNK boleh diukur dengan menggunakan tiga kaedah iaitu Kaedah Pengeluaran, Perbelanjaan dan Pendapatan. Namun begitu, penerbitan ini hanya menggunakan Kaedah Pengeluaran dan Perbelanjaan sahaja.

KAEDAH PENGELUARAN

KDNK berasaskan Kaedah Pengeluaran boleh didefinisikan sebagai jumlah nilai barangan dan perkhidmatan yang dikeluarkan di Malaysia setelah ditolak dengan nilai penggunaan perantaraan. Kaedah ini turut dikenali sebagai kaedah nilai ditambah yang mana ia menunjukkan sumbangan setiap aktiviti ekonomi terhadap keseluruhan KDNK.

KDNK merupakan sistem perakaunan catatan bergu dan dalam penerbitan ini, ianya ditunjukkan seperti berikut:

- a. Jumlah nilai ditambah kasar bagi semua pengeluar yang terlibat dalam ekonomi; atau



- b. Perbezaan antara output kasar bagi semua pengeluar tolak penggunaan perantaraan (sebagai input).



OUTPUT

Output adalah nilai barangan dan perkhidmatan yang dikeluarkan. Ini termasuk pengeluaran untuk pasaran, pengeluaran untuk kegunaan sendiri dan pengeluaran bukan pasaran (perkhidmatan kerajaan dan NPISHs). Pengeluaran barangan dan perkhidmatan tidak semestinya untuk dijual atau perolehan oleh pertubuhan.

PENGUNAAN PERANTARAAN

Penggunaan perantara adalah nilai barangan dan perkhidmatan yang digunakan (sebagai input) dalam proses pengeluaran barangan dan perkhidmatan tidak termasuk gaji dan upah, susut nilai daripada modal dan faedah bersih yang dibayar.

NILAI DITAMBAH

Nilai ditambah adalah perbezaan di antara output dan penggunaan perantara. Ia merupakan nilai ditambah barangan dan perkhidmatan dalam aktiviti ekonomi. Oleh itu, ia hampir menyamai dengan keuntungan perniagaan, gaji dan upah, susut nilai dan cukai tidak langsung; campur faedah yang dibayar dan tolak faedah yang diterima.

CUKAI

Di dalam perakaunan negara, cukai dinyatakan dalam dua bentuk iaitu:

a. CUKAI TIDAK LANGSUNG

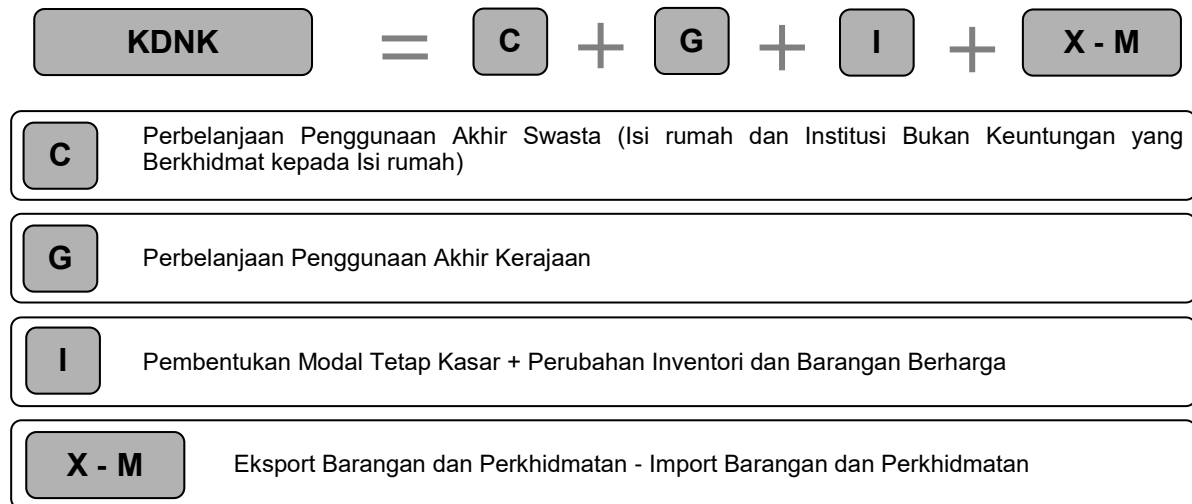
Cukai tidak langsung dianggap sebagai kos pengeluaran, dimana ia adalah sebahagian daripada komponen nilai ditambah. Oleh itu, cukai tidak langsung perlu ditambah pada nilai barangan dan perkhidmatan. Cukai tidak langsung termasuk cukai jalan, cukai nilai ditambah, duti eksais, cukai pintu dan lain-lain.

b. CUKAI LANGSUNG

Cukai langsung adalah cukai ke atas keuntungan dan pendapatan, dimana ia merupakan pengagihan semula pendapatan dari sektor swasta kepada sektor awam dan bukan dalam bentuk kos pengeluaran. Dalam konteks Malaysia, cukai pendapatan merupakan cukai langsung yang paling utama.

KAEDAH PERBELANJAAN

KDNK berasaskan Kaedah Perbelanjaan adalah penjumlahan Penggunaan Akhir Swasta, Penggunaan Akhir Kerajaan, Pembentukan Modal Tetap Kasar, Perubahan Inventori dan Barangan Berharga, Eksport barangan dan perkhidmatan dan ditolak dengan Import barangan dan perkhidmatan. Semua komponen ini dikategorikan sebagai 'permintaan akhir' atau 'perbelanjaan akhir'. Kaedah ini mengira nilai barangan dan perkhidmatan yang digunakan oleh pengguna akhir terhadap barangan dan perkhidmatan yang dikeluarkan oleh residen.



PENGIMBANGAN ANTARA ANGGARAN PENGELUARAN DAN PERBELANJAAN

Secara teori, anggaran KDNK bagi kedua-dua kaedah harus menghasilkan nilai yang sama. Walau bagaimanapun, secara praktikal, anggaran nilai bagi kedua-dua kaedah ini tidak akan sama kerana penggunaan sumber data yang berlainan. Perbezaan ini dikenali sebagai "Perbezaan Statistik" dalam *System of National Accounts*.



PENILAIAN TRANSAKSI

Anggaran dinyatakan dalam dua jenis harga iaitu harga semasa dan harga malar (tahun asas 2015). Pelbagai teknik digunakan dalam membuat nilai anggaran pada harga semasa dan malar.

KDNK PADA HARGA MALAR

KDNK pada harga malar adalah nilai KDNK tanpa kesan harga. KDNK pada harga malar ini penting bagi membolehkan perbandingan sebenar perubahan tingkat pengeluaran/ kuantiti barangan dan perkhidmatan yang berlaku dalam aktiviti ekonomi.

PENDEFLASI HARGA TERSIRAT

Bagi mendapatkan siri harga malar, kaedah deflasi langsung yang terdiri daripada deflasi tunggal dan deflasi berganda digunakan. Kaedah deflasi tunggal menghapuskan pengaruh harga daripada output atau input yang telah dianggarkan manakala deflasi berganda pula menghapuskan pengaruh harga daripada output dan input. Oleh itu, nilai ditambah diperoleh sebagai perbezaan hasil tolak input daripada output.

Indeks harga utama yang digunakan adalah Indeks Harga Pengeluar, Indeks Harga Pengguna dan Indeks Harga Pengeluar Perkhidmatan. Sementara itu, bagi barangan dan perkhidmatan yang tidak terdapat dalam kedua-dua indeks ini, maklumat harga diperoleh dari pertubuhan yang terlibat. Maklumat ini kemudiannya dijadikan indeks harga terbitan khususnya bagi barangan dan perkhidmatan tersebut.

HUBUNGAN ANTARA ANGGARAN KDNK DAN IMBANGAN PEMBAYARAN

Siri akaun negara yang dikeluarkan dalam penerbitan ini adalah konsisten dengan anggaran tahun imbalan pembayaran yang dikeluarkan oleh Jabatan Perangkaan Malaysia. Kedua-dua anggaran ini menunjukkan penyata yang lengkap mengenai transaksi antara Malaysia dengan negara-negara lain pada harga semasa.

KLASIFIKASI

Penyusunan KDNK selaras dengan klasifikasi seperti berikut;

- Piawaian Klasifikasi Industri Malaysia (MSIC 2008)
- *Malaysia Classification of Product by Activity* (MCPA 2009)
- *Classification of the Functions of Government* (COFOG)
- *Classification of Individual Consumption by Purposes* (COICOP)
- *Standard International Trade Classification* (SITC) Rev. 4

KAEDAH AM DALAM PENGANGGARAN AKAUN NEGARA SUKU TAHUNAN

Anggaran suku tahunan bagi aktiviti ekonomi dan komponen perbelanjaan dibuat dengan menggunakan maklumat bulanan/ suku tahunan bagi kuantiti, nilai dan harga. Anggaran ini dibuat pada harga semasa dan malar.

Seterusnya, anggaran suku tahunan diselaraskan dengan anggaran tahunan menggunakan teknik tanda aras. Teknik ini digunakan bagi anggaran suku tahunan sehingga tahun 2020 dan bagi beberapa aktiviti sehingga tahun 2021/ 2022.

Anggaran KDNK suku tahunan adalah sebahagian rangkuman daripada anggaran tahunan. Oleh yang demikian, sumber data dan kaedah tahunan turut digunakan sebagai rujukan.

PELARASAN MUSIM

Data siri masa amat berguna bagi mengenal pasti ciri-ciri penting dalam ekonomi seperti arah, titik perubahan dan keselarian indikator ekonomi yang lain. Kadangkala, ciri-ciri ini sukar dilihat kerana pergerakan musim. Sehubungan itu, adalah penting untuk menghilangkan kesan ini dari data siri masa dengan melaksanakan pelarasan musim.

Pelarasan musim adalah satu teknik statistik yang digunakan untuk mengeluarkan kesan musim dan kalendar yang mengganggu pergerakan sebenar siri masa. Objektif proses ini adalah untuk menggambarkan tren dan pergerakan jangka pendek dalam siri masa.

KOMPONEN DATA SIRI MASA

Data siri masa merupakan kombinasi tiga jenis komponen yang berbeza iaitu ***Trend-Cycle***, ***Kesan musim*** dan ***Luar jangkaan***. Setiap komponen mewakili kesan daripada peristiwa-peristiwa sebenar yang berlaku ke atas data.

Trend-Cycle mewakili tren dan arah tuju sesuatu siri. Ia meliputi aliran jangka panjang siri tersebut di samping kitaran perniagaan jangka sederhana.

Kesan bermusim terdiri daripada kesan musim tetap dan kesan musim bergerak. Kesan musim tetap ialah kitaran corak yang terhasil daripada perubahan musim seperti:

- Cuaca: contohnya, musim monsun biasanya berlaku pada suku keempat setiap tahun.
- Prosedur pentadbiran: contohnya, tarikh permulaan dan akhir penggal persekolahan.
- Acara sosial/ kebudayaan/ keagamaan: contohnya jualan runcit akan meningkat setiap kali menjelang musim perayaan.

Manakala kesan musim bergerak adalah berkaitan dengan faktor-faktor yang berlaku dalam bulan atau suku tahun berbeza pada setiap tahun. Ianya termasuklah:

- Kesan hari urusanniaga yang disebabkan oleh perbezaan jumlah hari dan minggu dari tahun ke tahun; contohnya kos perbelanjaan di pasaraya lebih tinggi bagi bulan yang mempunyai lima minggu berbanding empat minggu.
- Cuti bergerak yang mungkin berlaku dalam bulan yang berbeza dari tahun ke tahun, seperti Hari Raya Aidilfitri yang boleh berlaku dalam suku tahun yang berbeza.

Komponen **Luar Jangkaan** boleh terhasil daripada faktor-faktor yang tidak dapat dijangka seperti: ralat pensampelan, ralat bukan pensampelan, cuaca yang tidak menentu, bencana alam, polisi baru kerajaan dan corak permintaan di luar jangkaan.

MODEL PENGHURAIAN

Prosedur pelarasan musim biasanya menggunakan kaedah penghuraian data siri masa kepada komponen-komponen tersembunyi yang menggambarkan pergerakan *trend-cycle*, faktor musim dan elemen luar jangkaan. Selain itu, adalah diandaikan bahawa kombinasi data siri masa ini boleh berlaku secara *additive* atau *multiplicative*.

Dalam penghuraian *multiplicative*, kesan musim berubah secara berkadar dengan tren. Sekiranya tren meningkat, maka kesan musim juga akan meningkat. Sementara itu, sekiranya tren menurun, kesan musim turut akan berkurangan. Dalam penghuraian *additive*, kesan bermusim kekal pada nilai yang sama tanpa mengira pergerakan tren.

Secara praktikalnya, kebanyakan siri masa ekonomi menunjukkan hubungan *multiplicative* yang kebiasaannya memberikan hasil yang lebih tepat.

Namun begitu, penghuraian *multiplicative* tidak boleh dilaksanakan sekiranya terdapat nilai kosong atau negatif dalam siri masa yang dikaji.

Dengan meletakkan nilai dalam satu tempoh t ke atas data siri masa yang belum dilaraskan (ut) dan nilai ke atas setiap komponen *trend-cycle* (ct), faktor bermusim (st) dan faktor luar jangkaan (it) masing-masing, model penghuraian *multiplicative* yang digunakan dalam pengiraan pelarasan musim boleh ditunjukkan seperti berikut:

$$ut = ct * st * it$$

Nilai pelarasan musim pada tempoh t bagi satu siri masa (at) diperolehi melalui;

$$at = (ut / st) = (ct * it)$$

X12-ARIMA

Jabatan Perangkaan Malaysia menggunakan program X12-ARIMA yang dibangunkan oleh *US Census Bureau* untuk melaksanakan pelarasan musim. Program ini digunakan secara meluas di kebanyakan agensi statistik nasional dan agensi antarabangsa.

Pelarasan musim yang menggunakan X12-ARIMA mempunyai beberapa syarat minimum bagi pelaksanaan beberapa fungsi:

- Minimum 3 tahun data siri masa untuk X12-ARIMA mengeluarkan model atau perkara-perkara berhubung dengan pelarasan musim.
- Data 5 tahun dan 3 bulan (5 tahun dan satu suku tahun) diperlukan untuk X12-ARIMA menyediakan model ARIMA secara automatik dan mengira dengan tepat semua kriteria yang diperlukan untuk menguji model (terutamanya *average forecast error* bagi tempoh 3 tahun terakhir). Sekiranya siri data tidak mencukupi, pengguna boleh menggunakan model sendiri.
- X12-ARIMA menggunakan semua data yang tersedia semasa menyediakan model ARIMA.

KESAN CUTI BERGERAK DI MALAYSIA

Data siri masa ekonomi Malaysia dipengaruhi oleh perayaan-perayaan utama keagamaan seperti Hari Raya Aidilfitri bagi umat Islam, Tahun Baru Cina bagi kaum Cina dan Deepavali bagi kaum India. Perayaan utama di negara ini kebiasaannya berkaitan dengan aktiviti keagamaan dan tarikh perayaan tersebut ditentukan oleh kalendar agama masing-masing. Tarikh cuti ini tidak sejajar dengan kalendar Gregorian. Oleh itu, tarikh tersebut cenderung untuk bergerak di sepanjang kalendar Gregorian dan memberikan kesan musim kepada siri masa ekonomi. Cuti yang tidak tetap ini memberikan impak besar terhadap data siri masa. Oleh itu, langkah perlu diambil dalam melaksanakan proses pelarasan musim bagi mengelakkan kekeliruan dalam data pelarasan musim dan anggaran tren. Tambahan pula, kesan cuti tidak tetap boleh merumitkan pentafsiran data.

Pendekatan yang digunakan untuk pelarasan musim di Malaysia ialah *Seasonal Adjustment for Malaysia* (SEAM). SEAM adalah satu prosedur untuk menyingkirkan kesan cuti bergerak bagi data yang terpilih dalam siri masa ekonomi Malaysia dengan memperkenalkan beberapa langkah untuk mengatasi prosedur pelarasan musim yang sedia ada. Untuk melaksanakan prosedur SEAM, program X-ARIMA yang boleh didapati dalam *Statistical Analysis Software* (SAS) digunakan.

KAEDAH PELARASAN TIDAK LANGSUNG

Jabatan Perangkaan Malaysia telah menjalankan ujian pelarasan musim ke atas 40 jenis aktiviti ekonomi dari segi penawaran dan 6 jenis komponen dari segi permintaan. KDNK pelarasan musim diperoleh secara tidak langsung dengan menjumlahkan 40 jenis aktiviti ekonomi yang telah diselaraskan musim. Perbezaan di antara penawaran dan permintaan yang telah diselaraskan musim akan diletakkan dalam perubahan inventori.

METODOLOGI, SUMBER DATA DAN GLOSARI

Maklumat tersebut boleh diperoleh dari portal Jabatan (www.dosm.gov.my).

PENERBITAN DAN SEMAKAN DATA

Anggaran KDNK suku tahunan bermula dari suku pertama 2020 hingga suku keempat 2022 telah disemak semula berdasarkan kepada anggaran tahunan yang telah dikemaskini.

Praktis yang diamalkan oleh Jabatan Perangkaan Malaysia bagi semakan data ialah:

Suku Tahun Pertama, Kedua, Ketiga dan Keempat:

Anggaran pertama akan dikeluarkan 7 minggu selepas suku tahun rujukan. Anggaran semakan akan dikeluarkan pada suku tahun berikutnya.

Anggaran tahunan awalan:

Tidak lewat daripada 7 minggu selepas berakhirnya tahun rujukan berkenaan seiring dengan anggaran suku tahunan keempat.

Anggaran tahunan disemak bagi tahun semasa dan dua tahun ke belakang berdasarkan data terkini banci/penyiasatan dan sumber-sumber lain. Anggaran bagi dua belas suku tahunan ke belakang turut diselaraskan dengan semakan anggaran tahunan. Anggaran semakan ini dikeluarkan dalam tempoh lima bulan selepas berakhirnya tahun semasa.

CONCEPTS AND DEFINITIONS

INTRODUCTION

This publication presents data of Gross Domestic Product (GDP) for the first quarter of 2020 to third quarter of 2023.

The GDP data are published based on 2015 base year. Conceptually, the 2015 base year refers to transact of all goods and services revalue based on the prices in 2015. The compilation of estimation was based on the concepts of the Systems of National Accounts 2008 (2008 SNA).

GROSS DOMESTIC PRODUCT

GDP is the total value of all goods and services produced in a certain period after deducting the cost of goods and services used up in the process of production. This value is before deducting the allowances for consumption of fixed capital i.e. the sum of value added of resident producer in producer's price plus import duties. GDP is equivalent to expenditure on the GDP (in purchaser's price) i.e. the sum of all components of final expenditure on goods and services less imports of goods and services.

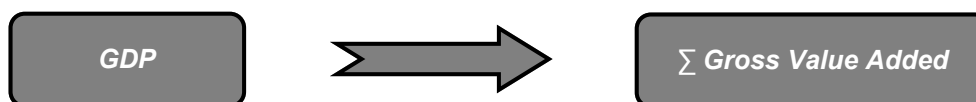
GDP can be measured by using three approaches namely Production, Expenditure and Income Approach. However, this publication only presents Production and Expenditure Approach.

PRODUCTION APPROACH

GDP based on Production Approach is defined as value of total production of goods and services produced in Malaysia after deducting value of intermediate consumption. This approach is also known as value added approach which will be able to show the contribution of each economic activity on overall GDP.

GDP is an item in a double entry accounting system and in this publication, it is presented in the following ways:

- a. *The sum of gross value added of all producers engaged in production in the economy; or*



- b. *The difference between gross output of all producers less the intermediate consumption (as input).*



OUTPUT

Output is the value of goods and services produced. This includes market production, production for own final use, and non-market production (government services and NPISHs). Production of goods and services is not necessarily for sale or turnover of establishment.

INTERMEDIATE CONSUMPTION

Intermediate consumption is the value of goods and services consumed (as input) in the production process of goods and services excluded salaries and wages, depreciation of capital and net interest paid.

VALUE ADDED

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

TAXES

In national accounts, taxes are expressed in two forms:

a. INDIRECT TAXES

Indirect taxes are regarded as a cost of production, which are part of value added component. Hence, indirect taxes must be added to the value of goods and services. Indirect taxes include sales tax, value added taxes, excise duties, quit rent and etc.

b. DIRECT TAXES

Direct taxes are taxes on profits or incomes, which constitute of a redistribution of income from the private sector to the government and it is not in the form of production cost. In Malaysia's context, income tax is the most significant direct tax.

EXPENDITURE APPROACH

GDP based on Expenditure Approach is the summation of Private Final Consumption, Government Final Consumption, Gross Fixed Capital Formation, Changes in Inventories and Valuables, Exports of goods and services minus Imports of goods and services. All these components are categorised as 'final demand' or 'final expenditure'. This approach measures value of goods and services used by final users on goods and services produced by resident.

$$\text{GDP} = \text{C} + \text{G} + \text{I} + \text{X} - \text{M}$$

C	Private Final Consumption Expenditure (Households and Non-profit Institution Serving Households)
G	Government Final Consumption Expenditure
I	Gross Fixed Capital Formation + Changes in Inventories and Valuables
X - M	Exports of goods and services - Imports of goods and services

BALANCING BETWEEN THE PRODUCTION AND EXPENDITURE ESTIMATES

Theoretically, the estimates GDP for both approaches should arrive at the same value. However, in practice, the estimated value by both approaches will not be equal due to the usage of different data sources. These differences are known as "Statistical Discrepancy" in System of National Accounts.

$$\text{GDP Expenditure Approach} + \text{Statistical Discrepancy} = \text{GDP Production Approach}$$

VALUATION OF TRANSACTIONS

Estimation is expressed in two types of prices namely current prices and constant prices (base year 2015). Various techniques have been used to estimate value at current and constant prices.

GDP AT CONSTANT PRICES

GDP at constant prices is the value of GDP without price effect. GDP at constant prices enables actual comparison to be made for changes in level of production/ volume of goods and services occurred in economic activity.

IMPLICIT PRICE DEFLATOR

In deriving the constant prices series, direct deflation method which consists of single deflation and double deflation is used. The single deflation method removes the price effect from the estimated output or input, while double deflation method eliminates the price effect from both the output and input. Hence, value added is obtained as residual by subtracting input from output.

Main price indices that are being used are Producer Price Index, Consumer Price Index and Services Producer Price Index. Meanwhile, for goods and services which are not in both indices, information on prices are obtained from establishment involved. The information is then transformed into derived price indices specially for those goods and services.

RELATION BETWEEN GDP ESTIMATES AND BALANCE OF PAYMENT

The national accounts series published in this publication is consistent with the annual estimates of balance of payments published by DOSM. These two estimates show a complete statement of Malaysia transaction with other countries at current prices.

CLASSIFICATION

GDP compilation correspond with the following classifications;

- *Malaysia Standard Industrial Classification (MSIC 2008)*
- *Malaysia Classification of Product by Activity (MCPA 2009)*
- *Classification of the Functions of Government (COFOG)*
- *Classification of Individual Consumption by Purposes (COICOP)*
- *Standard International Trade Classification (SITC) Rev. 4*

GENERAL APPROACH OF QUARTERLY NATIONAL ACCOUNTS ESTIMATION

The quarterly estimates for economic activity and expenditure components are derived from the monthly/ quarterly information on quantity, value and price. The estimates were done at current and constant prices.

Subsequently, the quarterly estimates were aligned with the annual estimates by using the benchmarking technique. This technique is applied for quarterly estimates up to year 2020 and in some instances up to 2021/ 2022.

Estimating quarterly GDP is an integral part of annual estimates. Hence, annual data sources and methods has been used as well for references.

SEASONAL ADJUSTMENT

Time series data are very useful in identifying the important features of economic series such as direction, turning point and consistency between other economic indicators. Sometimes, these features are difficult to observe due to seasonal movements. Therefore, it is essential to remove the seasonal effects from the time series data by applying seasonal adjustment.

Seasonal adjustment is a statistical technique to remove seasonal and calendar effects, which may otherwise conceal and distort the true underlying movement of time series. The objective of the process is to highlight the underlying trends and short-term movements in the series.

COMPONENTS OF A TIME SERIES

*Time series is a combination of three different components namely **Trend-cycle**, **Seasonal effects** and **Irregular**. Each component represents the impact of real world events on the data.*

***Trend-cycle** represents the underlying trend and direction of the series. It captures the long-term trend of the series as well as the medium-term business cycles.*

Seasonal effects comprises stable seasonal effects and moving seasonal effects. Stable seasonal effects are cyclical patterns that may evolve as the result of changes associated with the seasons such as:

- *Weather: for example, the monsoon season usually occur in fourth quarter of the year.*
- *Administrative procedures: for example, the beginning and end dates of the school year.*
- *Social/ cultural/ religious events: for example, retail sales increasing during festive seasons.*

Meanwhile, moving seasonal effects are related to the factors which occur in the different month or quarter of each year. They include:

- *Trading day effects which are caused by months having different numbers of day and week from year to year: for example, spending in supermarket is likely to be higher in a month with five weeks rather than four weeks.*
- *Moving holidays which may fall in different months from year to year, for example Eid-ul Fitr can occur in different quarter.*

Irregular components may occur due to unpredictable factors, such as: sampling error, non-sampling error, unseasonable weather, natural disasters, new government policies and unexpected demand pattern.

DECOMPOSITION MODEL

Seasonal adjustment procedures commonly use a decomposition of a time series into unobservable components that reflect trend-cycle, seasonal and irregular movements. Further, it is assumed that the series can be made up by combining these components either additively or multiplicatively.

In a multiplicative decomposition, the seasonal effects change proportionately with the trend. If the trend rises, the seasonal effects increase accordingly, while if the trend moves downward the seasonal effects will diminish. In an additive decomposition, the seasonal effects remain broadly constant no matter which direction the trend is moving in.

In practice, most economic time series exhibit a multiplicative relationship and hence, the multiplicative decomposition usually provides the best fit.

However, a multiplicative decomposition cannot be implemented if any zero or negative values appear in the time series.

By denoting the value in period t of an unadjusted time series (ut) and the respective values of its components trend-cycle (ct), seasonal factor (st) and irregular (it), the multiplicative decomposition model, as used for seasonal adjustment calculations can be written as:

$$ut = ct * st * it$$

The seasonally adjusted value in period t for a time series (at) is then obtained as;

$$at = (ut / st) = (ct * it)$$

X12-ARIMA

DOSM uses the X12-ARIMA programme which was developed by the US Census Bureau in carrying out seasonal adjustment. This programme is widely used among national statistical offices and international agencies.

Seasonal adjustment by X12-ARIMA has a few absolute minimum for certain functions to work:

- 3 years of data are the minimum for X12-ARIMA to model or do any sort of seasonal adjustment.
- 5 years and 3 months (5 years and one quarter) of data are needed for X12-ARIMA to automatically fit an ARIMA model and to calculate correctly all the criteria to test the models (especially the average forecast error for the last 3 years). If there is less data, then the user can impose their own model.
- X12-ARIMA uses all the data available when fitting an ARIMA model.

MOVING HOLIDAY EFFECT IN MALAYSIA

Malaysia's economic time series data are affected by major religious festivals such as the Eid-ul Fitr for the Muslims, the Chinese New Year for the Chinese and the Deepavali for the Indian. The major festivals in this country are usually related to the religious activities and the dates are determined by the respective religious calendar. The dates of these holidays are not in line with the Gregorian calendar. Hence, they tend to move along the Gregorian calendar and strong seasonal influence on the economic time series. Since, these non-fixed holidays have a large impacts on the times series data, they need to be taken into account when performing seasonal adjustment process to avoid confusion in seasonally adjusted data and trend estimates. Furthermore, the presence of non-fixed holiday effects may complicate the interpretation of the data.

The approach used for seasonal adjustment in Malaysia is the Seasonal Adjustment for Malaysia (SEAM). SEAM is a procedure to remove moving holiday effects on the selected Malaysian economic time series data by introducing steps that can be used to overcome the limitations of the existing seasonal adjustment procedure. To apply the SEAM procedure, the X-ARIMA programme which is available in Statistical Analysis Software (SAS) is used.

INDIRECT METHOD OF ADJUSTMENT

DOSM has carried out the seasonal adjustment test on 40 types of economic activities on the supply side and 6 types of components on the demand side. The seasonally adjusted GDP is arrived indirectly by summing up the 40 types of seasonal adjusted economic activities. The balancing item between the seasonally adjusted supply and demand sides will be added up in changes in inventories.

METHODOLOGY, DATA SOURCES AND GLOSSARY

This information is accessible from the Department's portal (www.dosm.gov.my).

PUBLICATION AND DATA REVISION

The quarterly GDP estimates from first quarter of 2020 to fourth quarter of 2022 were revised based on updated annual estimates.

The practice adopted by DOSM for data revision is:

First, Second, Third and Fourth Quarter:

First estimate will be released 7 weeks after the end of the reference quarter. Revised estimates will be produced at the following quarter.

Preliminary annual estimates:

Not later than 7 weeks after the end of the particular reference year parallel with estimates of fourth quarter.

Revised annual estimates for the current year and previous two years are based on the latest census/ surveys data available and other sources. The estimates of previous twelve quarters also have been revised to align with the revision of annual estimates. The revision estimates is produced five months after the end of current year.

