



KEMENTERIAN EKONOMI  
JABATAN PERANGKAAN MALAYSIA

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AKAUN NEGARA  
*NATIONAL ACCOUNTS*

**KELUARAN DALAM  
NEGERI KASAR**  
***GROSS DOMESTIC PRODUCT***

SUKU KEDUA  
*SECOND 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 Kedua **2023**  
*Second Quarter*

Dikeluarkan pada: **18 Ogos 2023**  
*Released on: August*

**Pemakluman**

Jabatan Perangkaan Malaysia (DOSM) sedang menjalankan Banci Ekonomi pada tahun 2023. DOSM amat menghargai kerjasama daripada responden dalam memberikan maklumat kepada DOSM serta menjayakan banci ini. Sila layari [www.dosm.gov.my](http://www.dosm.gov.my) untuk maklumat lanjut.

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>.

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

**Announcement**

*The Department of Statistics Malaysia (DOSM) is conducting the Economic Census in 2023. DOSM greatly appreciates the cooperation of respondents in providing information and ensuring the success of this census. Please visit [www.dosm.gov.my](http://www.dosm.gov.my) for more information.*

*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 Government of Malaysia has declared National Statistics Day (MyStats Day) on October 20 each year. MyStats Day theme is "Connecting the World with Data We Can Trust".*

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“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 kedua 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 kedua 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

Ogos 2023

## **PREFACE**

*The publication of Gross Domestic Product (GDP), Malaysia presents the quarterly estimates of the National production and expenditure accounts for the second 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 second 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*

*August 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>	:	<i>Indeks Harga Pengguna</i>
<i>IHPR</i>	:	<i>Indeks Harga Pengeluar</i>
<i>KDNK</i>	:	<i>Keluaran Dalam Negeri Kasar</i>
<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>	:	<i>Pendapatan Negara Kasar</i>
<i>PPI</i>	:	<i>Producer Price Index</i>
<i>RM</i>	:	<i>Ringgit Malaysia</i>
<i>Q</i>	:	<i>Quarter</i>
<i>ST</i>	:	<i>Suku Tahun</i>
<i>SUT 2015</i>	:	<i>Supply and Use Tables 2015</i>
<i>2008 SNA</i>	:	<i>System of National Accounts 2008</i>

**SIMBOL/ SYMBOLS**

<i>..</i>	:	<i>tidak berkenaan/ not applicable</i>
<i>e</i>	:	<i>anggaran/ estimate</i>
<i>p</i>	:	<i>permulaan/ 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**  
*Reference Quarter*

**Tarikh Penerbitan**  
*Publication Date*

---

**Suku Pertama 2023**  
*First Quarter 2023*

**12 Mei 2023**  
*12 May 2023*

**Suku Kedua 2023**  
*Second Quarter 2023*

**18 Ogos 2023**  
*18 August 2023*

**Suku Ketiga 2023**  
*Third Quarter 2023*

**17 November 2023**  
*17 November 2023*

**Suku Keempat 2023**  
*Fourth Quarter 2023*

**16 Februari 2024**  
*16 February 2024*

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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			
<b>KDNK pada harga malar 2015 (RM bilion)</b>	1,346.2	1,390.6	1,510.9	344.7	290.7	352.1	358.7	344.0	337.8	337.3	360.6	371.6	360.6	367.4	384.9	398.0	381.0	377.9	<b>GDP at constant 2015 prices (RM billion)</b>
Pertanian	99.1	99.0	99.1	22.5	24.4	27.9	24.2	22.6	24.1	27.4	25.0	27.4	25.0	23.5	27.7	25.2	22.8	23.3	<i>Agriculture</i>
Petroleum dan pengkuaran	92.9	93.7	96.2	25.5	21.4	22.0	24.0	24.6	24.1	21.2	23.8	24.1	23.8	23.7	23.1	25.3	24.7	23.1	<i>Mining and quarrying</i>
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	89.0	92.4	95.5	90.0	89.2	<i>Manufacturing</i>
Pembinaan	53.6	50.9	53.4	15.4	9.0	14.9	14.3	13.8	12.6	11.8	12.6	13.0	13.7	13.0	13.7	13.9	13.8	13.8	<i>Construction</i>
Perkhidmatan	777.7	794.6	881.3	201.3	168.1	201.0	207.2	197.3	191.4	191.8	214.1	214.1	210.0	214.0	223.8	233.5	225.3	224.1	<i>Services</i>
<b>KDNK pada harga malar 2015 (Perubahan %)</b>	-5.5	3.3	8.7	0.7	-16.9	-2.5	-3.2	-0.2	16.2	-4.2	4.8	3.6	4.8	8.8	14.1	7.1	5.6	2.9	<b>GDP at constant 2015 prices (% change)</b>
Pertanian	-2.4	-0.1	0.1	-8.8	0.6	-0.5	-1.2	0.3	-1.4	-2.1	3.1	3.1	0.1	-2.3	1.2	1.1	1.0	-1.1	<i>Agriculture</i>
Petroleum dan pengkuaran	-9.7	0.9	2.6	-2.9	-19.2	-6.6	-9.8	-3.3	12.6	-3.6	-0.9	-2.2	-2.2	-1.7	9.1	6.3	2.4	-2.3	<i>Mining and quarrying</i>
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	6.7	9.2	13.1	3.9	3.2	0.1	<i>Manufacturing</i>
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	2.5	15.3	10.1	7.4	6.2	<i>Construction</i>
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	6.4	11.9	16.7	9.1	7.3	4.7	<i>Services</i>
<b>Permintaan domestik pada harga malar 2015 (RM bilion)</b>	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	219.9	236.3	231.7	234.1	229.4	<b>Domestic demand at constant 2015 prices (RM billion)</b>
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	60.7	45.4	46.9	<i>Private final consumption expenditure</i>
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	77.3	79.7	<i>Government final consumption expenditure</i>
Pembentukan modal tetap kasar																			<i>Gross fixed capital formation</i>
<b>Permintaan domestik pada harga malar 2015 (Perubahan %)</b>	-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	14.8	7.3	5.9	4.3	<b>Domestic demand at constant 2015 prices (% change)</b>
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	3.0	-2.2	3.8	<i>Private final consumption expenditure</i>
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	8.8	4.9	5.5	<i>Government final consumption expenditure</i>
Pembentukan modal tetap kasar																			<i>Gross fixed capital formation</i>
<b>Eksport, import dan imbalan perdagangan (RM bilion)</b>	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	393.3	354.6	348.7	<b>Exports, imports and balance of trade (RM billion)</b>
Eksport (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	325.0	325.0	290.2	294.5	<i>Exports (f.o.b.)</i>
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	68.2	64.4	54.1	<i>Imports (c.i.f.)</i>
Imbalan perdagangan																			<i>Balance of trade</i>
<b>Imbalan pembayaran (RM bilion)</b>	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	57.7	39.9	29.5	<b>Balance of payments (RM billion)</b>
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	-30.2	-35.6	-20.4	<i>Balance on goods</i>
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	27.5	4.3	9.1	<i>Balance on invisibles</i>
Imbalan akaun semasa																			<i>Balance on current account</i>
<b>PNK pada harga semasa (RM bilion)</b>	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	432.8	432.8	<b>GNI at current prices (RM billion)</b>
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	1.0	1.0	<b>GNI at current prices (% change)</b>
<b>PNK pada harga malar 2015 (RM bilion)</b>	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	376.9	<b>GNI at constant 2015 prices (RM billion)</b>
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	5.1	<b>GNI at constant 2015 prices (% change)</b>
<b>Tabung negara kasar (RM bilion)</b>	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	118.1	118.1	<b>Gross national savings (RM billion)</b>
Tabung 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	27.3	<b>Gross national savings (% of GNI)</b>
<b>Indeks Harga Pengguna (2010=100) (Perubahan %)</b>	-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	4.5	3.9	3.6	2.8	<b>Consumer Price Index (2010=100) (% change)</b>
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	5.6	<i>All groups</i>
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	1.7	<i>Food and non-alcoholic beverages</i>
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	1.1	<i>Housing, water, electricity, gas and other fuels</i>
Pengangkutan																			<i>Transport</i>
<b>Indeks Harga Pengeluaran (2010=100) (Perubahan %)</b>	-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	-4.1	<b>Producer Price Index (2010=100) (% change)</b>
Pengeluaran tempaan																			<i>Local production</i>
<b>Indeks Pengeluaran Perindustrian (2015=100) (Perubahan %)</b>	-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	-0.3	<b>Industrial Production Index (2015=100) (% change)</b>
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	2.1	-2.8	<i>All divisions</i>
Petroleum dan pengkuaran	-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	<i>Mining</i>
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	2.8	<i>Manufacturing</i>
Elektrik																			<i>Electricity</i>
<b>Indeks Volum Perkhidmatan (2015=100) (Perubahan %)</b>	-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	5.0	5.0	<b>Volume Index of Services (2015=100) (% change)</b>
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	16.7	<i>Labour force (Million persons)</i>
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	3.5	<i>Unemployment rate (%)</i>

Nota: Perubahan % adalah tahun ke tahun

Note: % change is year on year



# EKONOMI MALAYSIA BERTUMBUH 2.9 PERATUS, ST2 2023

Kadar Pertumbuhan

**KDNK**

**2.9%**

(ST1 2023: 5.6%)

Nilai KDNK

ST2 2023

**RM377.9b**

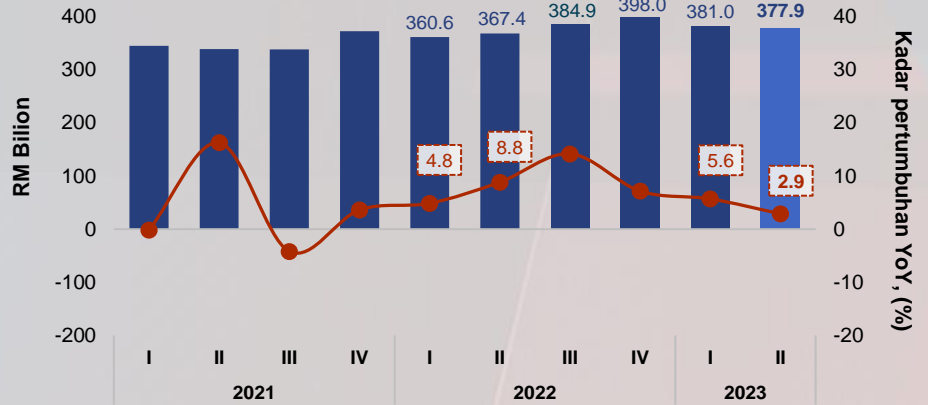
ST1 2023

**RM381.0b**

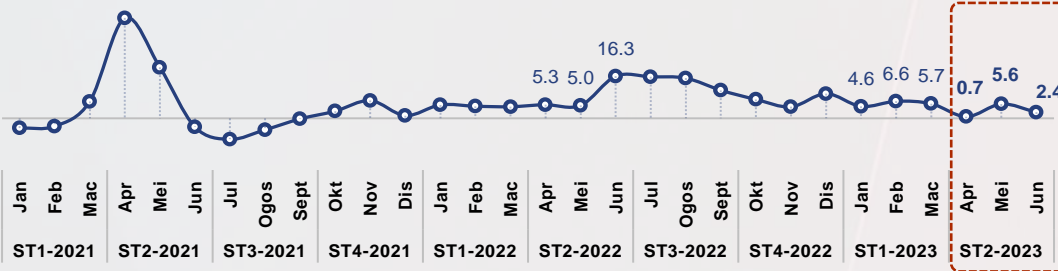
ST2 2022

**RM367.4b**

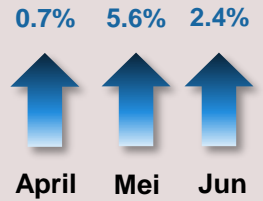
KDNK Suku Tahunan – Nilai dan Kadar Pertumbuhan



KDNK Bulanan – Kadar Pertumbuhan, YoY (%)



Prestasi  
April – Jun 2023



## PRESTASI EKONOMI MENGIKUT SEKTOR & PERBELANJAAN

### SEKTOR



Sumbangan:  
59.3%

**4.7%** **7.3%**

Perkhidmatan



Sumbangan:  
23.6%

**0.1%** **3.2%**

Pembuatan



Sumbangan:  
6.2%

**-1.1%** **1.0%**

Pertanian



Sumbangan:  
6.1%

**-2.3%** **2.4%**

Perlombongan & pengkuarian



Sumbangan:  
3.6%

**6.2%** **7.4%**

Pembinaan

### PERBELANJAAN

Perbelanjaan Penggunaan  
Akhir Swasta



**4.3%** **5.9%**

Pembentukan  
Modal Tetap Kasar



**5.5%** **4.9%**

Perbelanjaan  
Penggunaan Akhir  
Kerajaan



**3.8%** **-2.2%**

Eksport



**-9.4%** **-3.3%**

Import



**-9.7%** **-6.5%**

Nota:

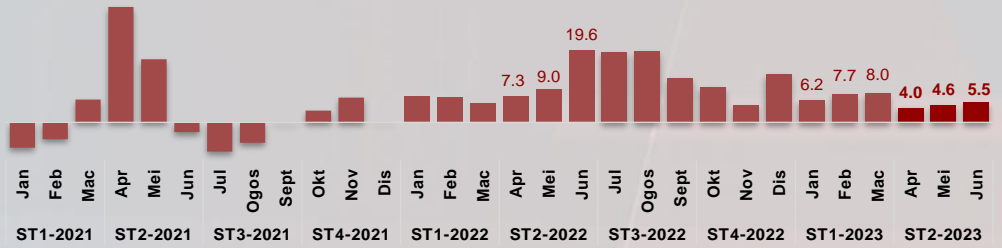
- Tidak termasuk duti import
- % perubahan merujuk kepada tahun ke tahun
- ST2 2023 ■ ST1 2023



## KDNK BULANAN MENGIKUT SEKTOR

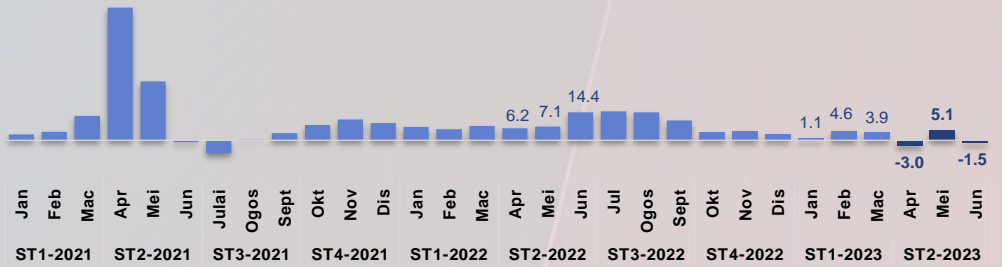
### PERKHIDMATAN

Apr. : 4.0%  
Mei : 4.6%  
Jun : 5.5%



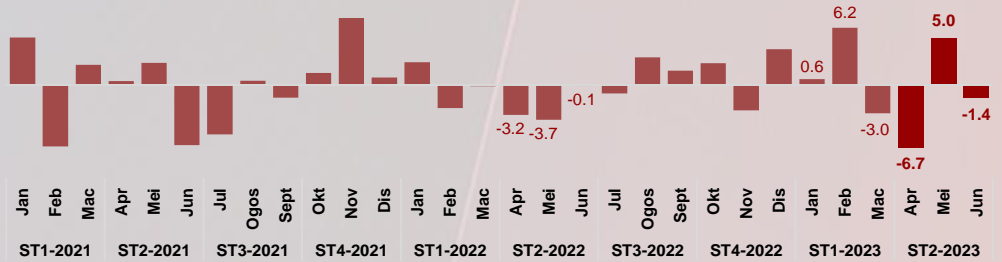
### PEMBUATAN

Apr. : -3.0%  
Mei : 5.1%  
Jun : -1.5%



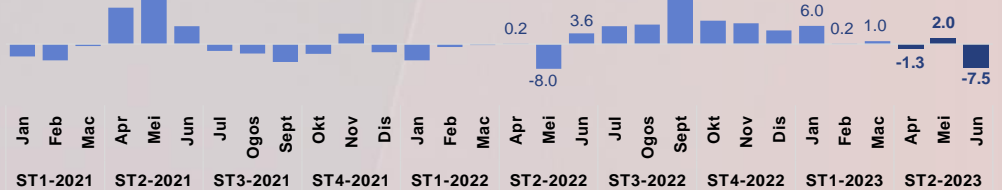
### PERTANIAN

Apr. : -6.7%  
Mei : 5.0%  
Jun : -1.4%



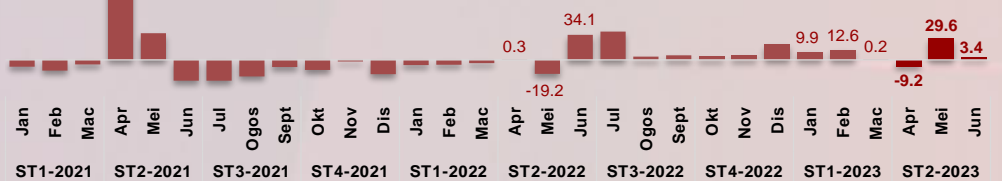
### PERLOMBONGAN & PENGKUIARIAN

Apr. : -1.3%  
Mei : 2.0%  
Jun : -7.5%



### PEMBINAAN

Apr. : -9.2%  
Mei : 29.6%  
Jun : 3.4%



Nota: % perubahan merujuk kepada tahun ke tahun

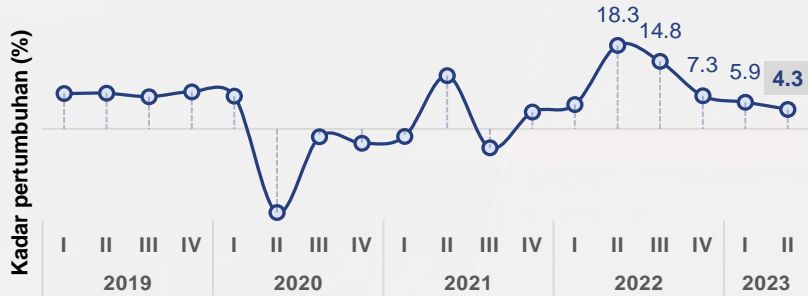
Sumber: Akaun Negara, Keluaran Dalam Negeri Kasar, Jabatan Perangkaan Malaysia (DOSM)



## PERBELANJAAN PENGGUNAAN AKHIR SWASTA (PFCE)



Kadar Pertumbuhan  
PFCE  
**4.3%**  
(ST1 2023: 5.9%)



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

### Makanan dan minuman bukan alkohol

Sumbangan : 24.2%  
Pertumbuhan : 2.8%

Lain-lain  
Sumbangan : 16.9%  
Pertumbuhan : 1.6%

Perkhidmatan rekreasi dan kebudayaan  
Sumbangan : 2.7%  
Pertumbuhan : 3.2%

Pakaian dan kasut  
Sumbangan : 3.3%  
Pertumbuhan : 8.0%

Hiasan, perkakasan dan penyelenggaraan isi rumah  
Sumbangan : 4.9%  
Pertumbuhan : 1.8%

Perumahan, air, elektrik, gas dan bahan api lain  
Sumbangan : 15.6%  
Pertumbuhan : 6.3%

Pengangkutan  
Sumbangan : 12.4%  
Pertumbuhan : 6.1%

Komunikasi  
Sumbangan : 11.1%  
Pertumbuhan : 7.1%

Restoran dan hotel  
Sumbangan : 8.9%  
Pertumbuhan : 5.1%

**PFCE  
MENGIKUT  
KOMPONEN  
UTAMA**

## PEMBENTUKAN MODAL TETAP KASAR (PMTK) MENGIKUT SEKTOR



Kadar Pertumbuhan  
PMTK  
**5.5%**  
(ST1 2023: 4.9%)

Sektor Swasta

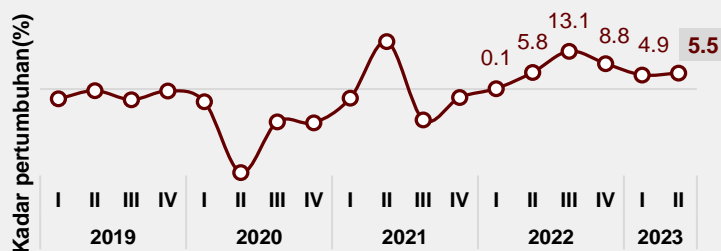


**RM66.2b**  
(ST1 2023: RM62.3b)  
Pertumbuhan  
5.1%

Sektor Awam



**RM13.6b**  
(ST1 2023: RM15.0b)  
Pertumbuhan  
7.9%



Nota: % perubahan merujuk kepada tahun ke tahun



## PRESTASI KDNK BAGI NEGARA TERPILIH

Kadar Pertumbuhan KDNK, YoY (%)	2021	2022	2021				2022				2023	
			ST1	ST2	ST3	ST4	ST1	ST2	ST3	ST4	ST1	ST2
<b>NEGARA ASEAN</b>												
Malaysia	3.3	8.7	-0.2	16.2	-4.2	3.6	4.8	8.8	14.1	7.1	5.6	2.9
Singapura	8.9	3.6	3.9	17.3	8.7	6.6	4.0	4.5	4.0	2.1	0.4	0.5
Indonesia	3.7	5.3	-0.7	7.1	3.5	5.0	5.0	5.5	5.7	5.0	5.0	5.2
Filipina	5.7	7.6	-3.8	12.0	7.0	7.9	8.0	7.5	7.7	7.1	6.4	4.3
<b>NEGARA LAIN</b>												
Amerika Syarikat	5.9	2.1	1.2	12.5	5.0	5.7	3.7	1.8	1.9	0.9	1.8	2.6
Kesatuan Eropah	5.6	3.4	-0.6	13.9	4.5	5.2	5.6	4.3	2.5	1.6	1.1	0.5
Sepanyol	5.5	5.5	-4.4	17.9	4.2	6.6	6.3	7.8	4.9	3.0	4.2	1.8
Itali	7.0	3.7	0.2	16.8	5.2	6.9	6.5	5.0	2.5	1.5	2.0	0.6
Perancis	6.4	2.5	1.4	17.8	3.3	4.6	4.4	3.9	1.2	0.7	0.9	0.9
United Kingdom	7.6	4.1	-7.7	24.4	8.5	8.9	10.6	3.8	2.0	0.6	0.2	0.4
Republik Rakyat China	8.4	3.0	18.7	8.3	5.2	4.3	4.8	0.4	3.9	2.9	4.5	6.3
Republik Korea	4.3	2.6	2.4	6.4	4.1	4.3	3.1	2.9	3.2	1.4	0.9	0.9

Sumber: Laman web rasmi Agensi Statistik Negara Terpilih



# MALAYSIA'S ECONOMY MODERATED 2.9 PER CENT, Q2 2023

## GDP

Growth Rate

# 2.9%

(Q1 2023: 5.6%)

GDP Value

## Q2 2023 RM377.9b

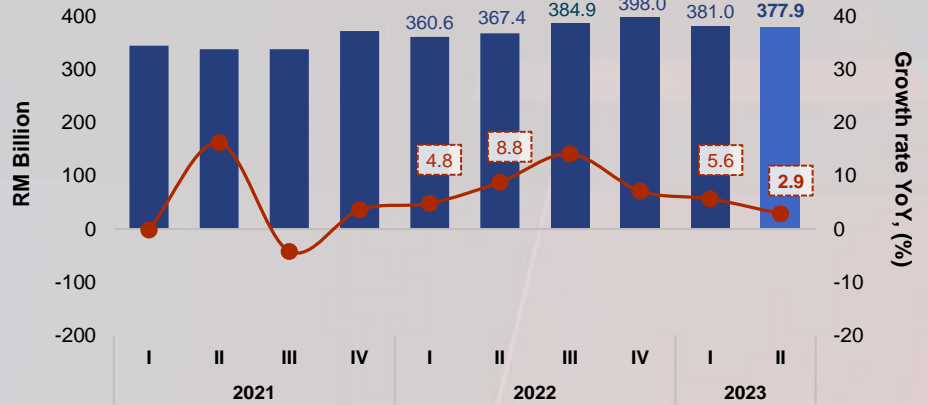
Q1 2023

RM381.0b

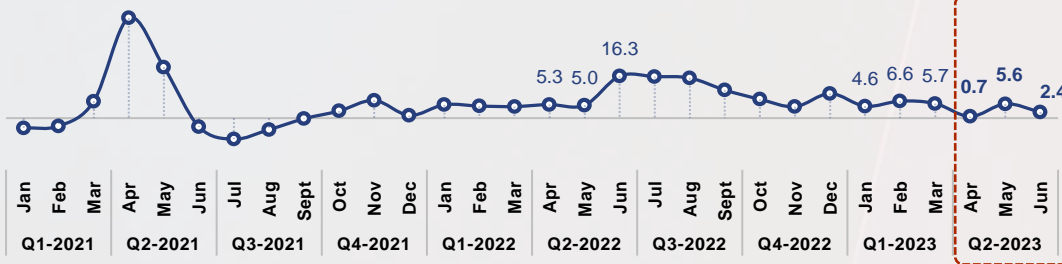
Q2 2022

RM367.4b

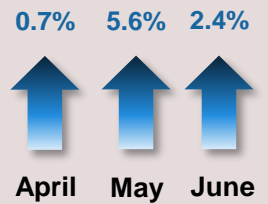
### Quarterly GDP – Value and Growth Rate



### Monthly GDP – Growth Rate, YoY (%)

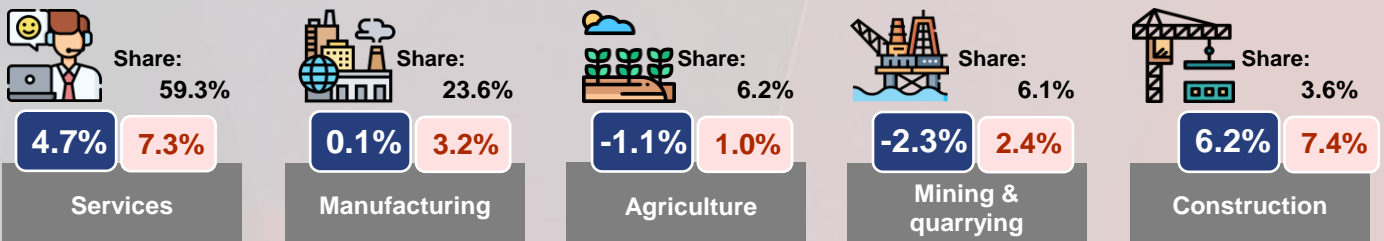


### Performance April – June 2023

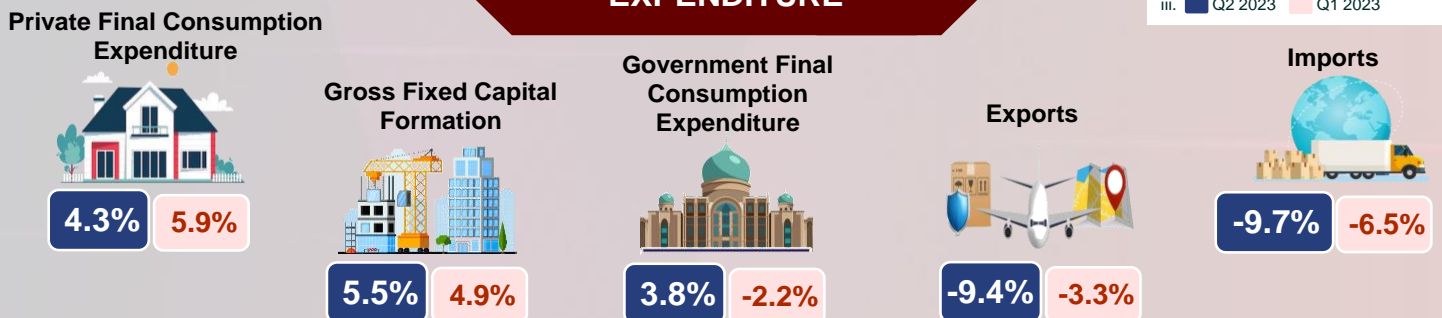


## ECONOMIC PERFORMANCE BY SECTOR & EXPENDITURE

### SECTOR



### EXPENDITURE



Notes:  
 i. Exclude Import duties  
 ii. % changes refers to year-on-year  
 iii. ■ Q2 2023 ■ Q1 2023

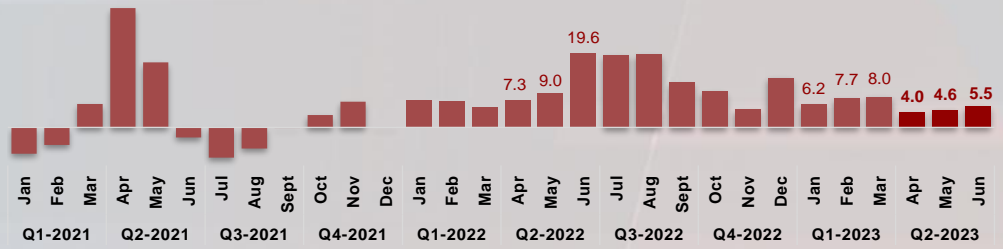




## MONTHLY GDP BY SECTOR

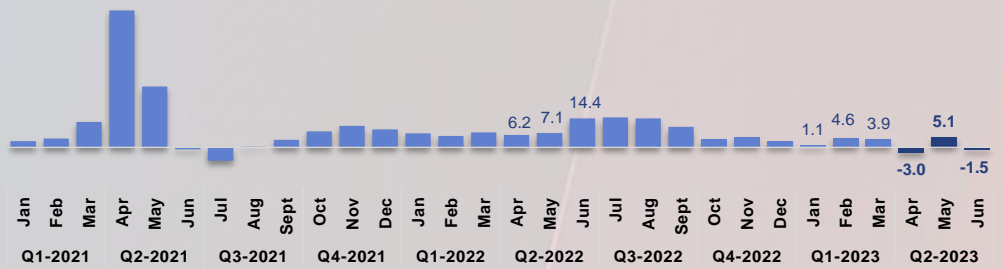
### SERVICES

Apr. : 4.0%  
May : 4.6%  
Jun. : 5.5%



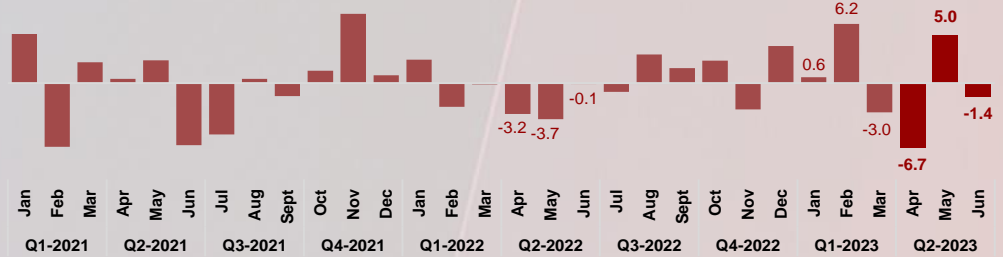
### MANUFACTURING

Apr. : -3.0%  
May : 5.1%  
Jun. : -1.5%



### AGRICULTURE

Apr. : -6.7%  
May : 5.0%  
Jun. : -1.4%



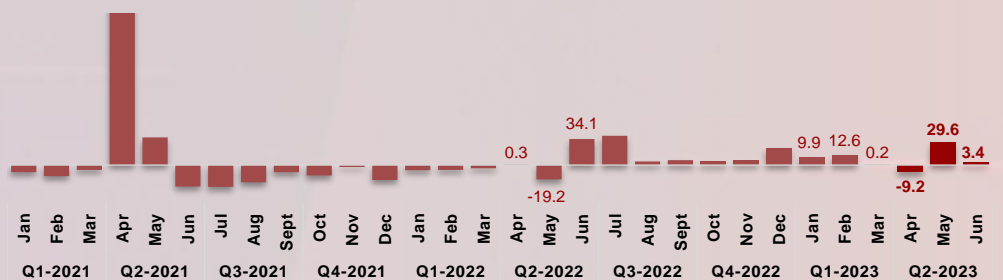
### MINING & QUARRYING

Apr. : -1.3%  
May : 2.0%  
Jun. : -7.5%



### CONSTRUCTION

Apr. : -9.2%  
May : 29.6%  
Jun. : 3.4%



Note: % changes refers to year-on-year

Source: National Accounts, Gross Domestic Product, Department of Statistics Malaysia (DOSM)

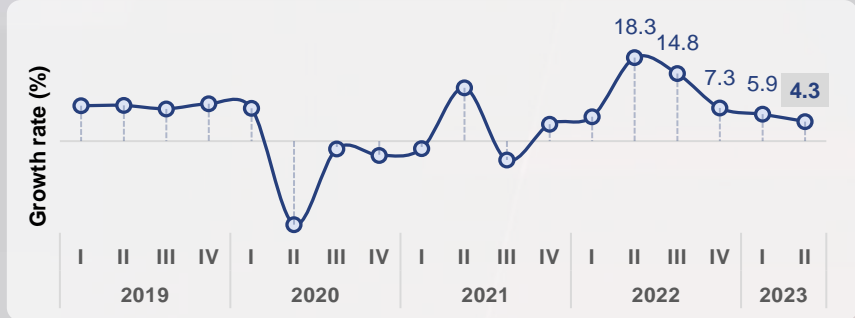


## PRIVATE FINAL CONSUMPTION EXPENDITURE (PFCE)



PFCE  
Growth Rate  
**4.3%**

(Q1 2023: 5.9%)

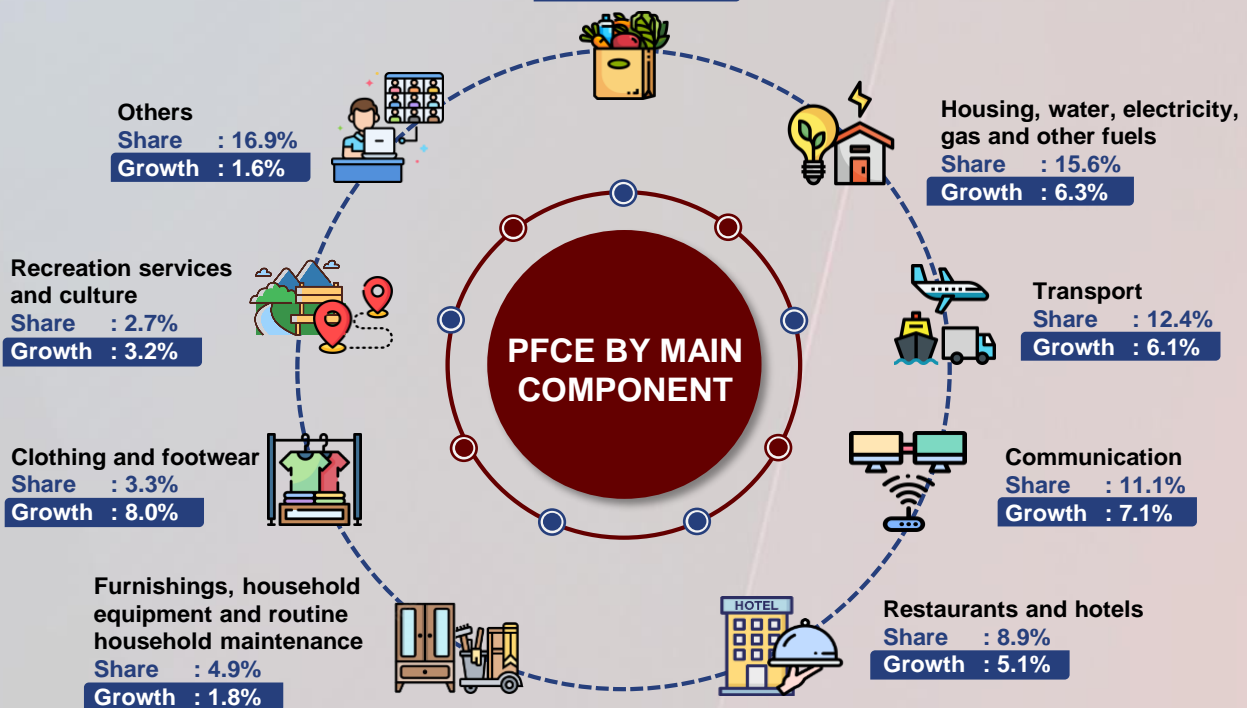


### Food and non-alcoholic beverages

Share : 24.2%

Growth : 2.8%

Note: - % change refers to year-on-year  
- Share to PFCE



## GROSS FIXED CAPITAL FORMATION (GFCF) BY SECTOR



GFCF  
Growth Rate  
**5.5%**

(Q1 2023: 4.9%)

### Private Sector



**RM66.2b**

(Q1 2023: RM62.3b)

Growth  
**5.1%**

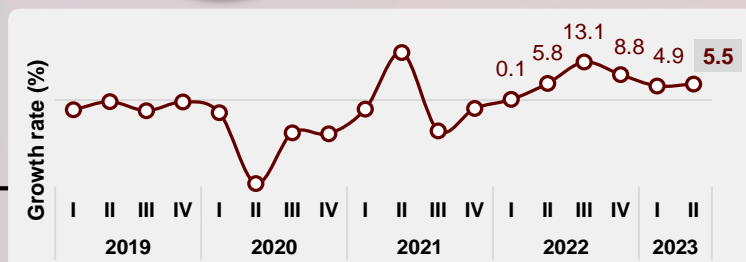
### Public Sector



**RM13.6b**

(Q1 2023: RM15.0b)

Growth  
**7.9%**



Note: % change refers to year-on-year



## GDP PERFORMANCE FOR SELECTED COUNTRIES

GDP Growth Rate, YoY (%)	2021	2022	2021				2022				2023	
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
<b>ASEAN COUNTRIES</b>												
Malaysia	3.3	8.7	-0.2	16.2	-4.2	3.6	4.8	8.8	14.1	7.1	5.6	2.9
Singapore	8.9	3.6	3.9	17.3	8.7	6.6	4.0	4.5	4.0	2.1	0.4	0.5
Indonesia	3.7	5.3	-0.7	7.1	3.5	5.0	5.0	5.5	5.7	5.0	5.0	5.2
Philippines	5.7	7.6	-3.8	12.0	7.0	7.9	8.0	7.5	7.7	7.1	6.4	4.3
<b>OTHER COUNTRIES</b>												
United States of America	5.9	2.1	1.2	12.5	5.0	5.7	3.7	1.8	1.9	0.9	1.8	2.6
European Union	5.6	3.4	-0.6	13.9	4.5	5.2	5.6	4.3	2.5	1.6	1.1	0.5
Spain	5.5	5.5	-4.4	17.9	4.2	6.6	6.3	7.8	4.9	3.0	4.2	1.8
Italy	7.0	3.7	0.2	16.8	5.2	6.9	6.5	5.0	2.5	1.5	2.0	0.6
France	6.4	2.5	1.4	17.8	3.3	4.6	4.4	3.9	1.2	0.7	0.9	0.9
United Kingdom	7.6	4.1	-7.7	24.4	8.5	8.9	10.6	3.8	2.0	0.6	0.2	0.4
People's Republic of China	8.4	3.0	18.7	8.3	5.2	4.3	4.8	0.4	3.9	2.9	4.5	6.3
Republic of Korea	4.3	2.6	2.4	6.4	4.1	4.3	3.1	2.9	3.2	1.4	0.9	0.9

Source: Official website of Selected National Statistical Office

# INTISARI SUKU TAHUN KEDUA 2023

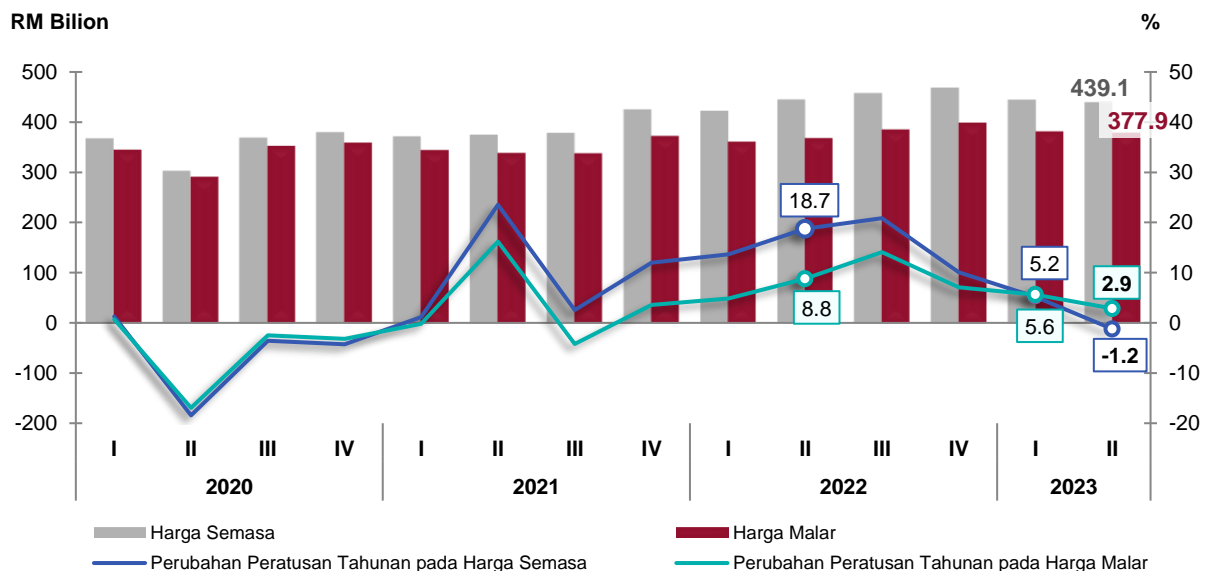
## PERTUMBUHAN EKONOMI

Keluaran Dalam Negari Kasar (KDNK) Malaysia bagi suku tahun kedua 2023 menyederhana kepada 2.9 peratus berbanding 5.6 peratus pada suku tahun sebelumnya (**Carta 1**). Bagi terma pelarasan musim, KDNK meningkat 1.5 peratus (ST1 2023: 0.9%) seperti di **Carta 2**.

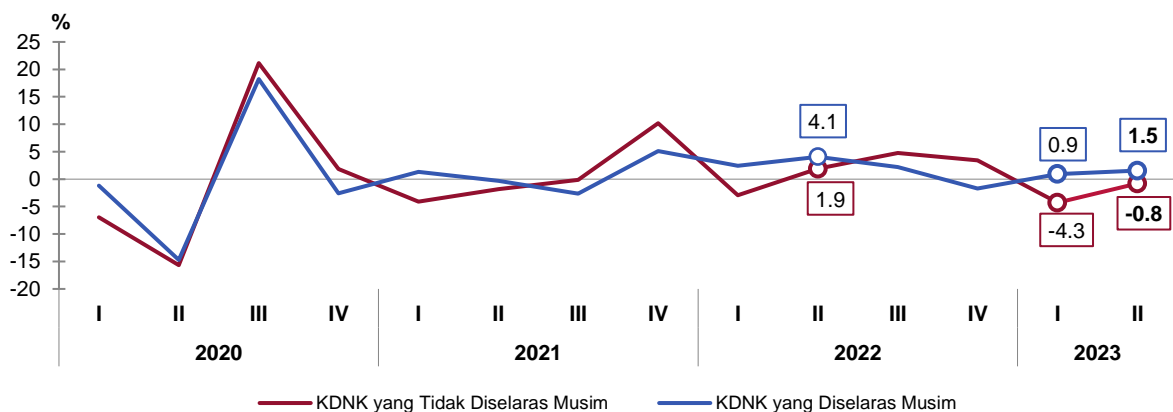
Dari segi penawaran, prestasi ini disokong oleh pertumbuhan dalam sektor Perkhidmatan, Pembinaan dan Pembuatan. Sementara itu, sektor Pertanian dan Perlombongan & pengkuarian mencatatkan penurunan pada suku kedua tahun ini. Dari segi permintaan, pertumbuhan disumbangkan oleh Perbelanjaan penggunaan akhir swasta dan Pembentukan modal tetap kasar.

KDNK Malaysia mencatatkan nilai RM439.1 bilion pada harga semasa dan RM377.9 bilion pada harga malar pada suku tahun ini. Oleh itu, ekonomi Malaysia berkembang 4.2 peratus bagi separuh tahun pertama berbanding 6.8 peratus dalam tempoh yang sama pada tahun 2022.

**Carta 1 KDNK - Nilai Ditambah dan Perubahan Peratusan Tahunan**



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



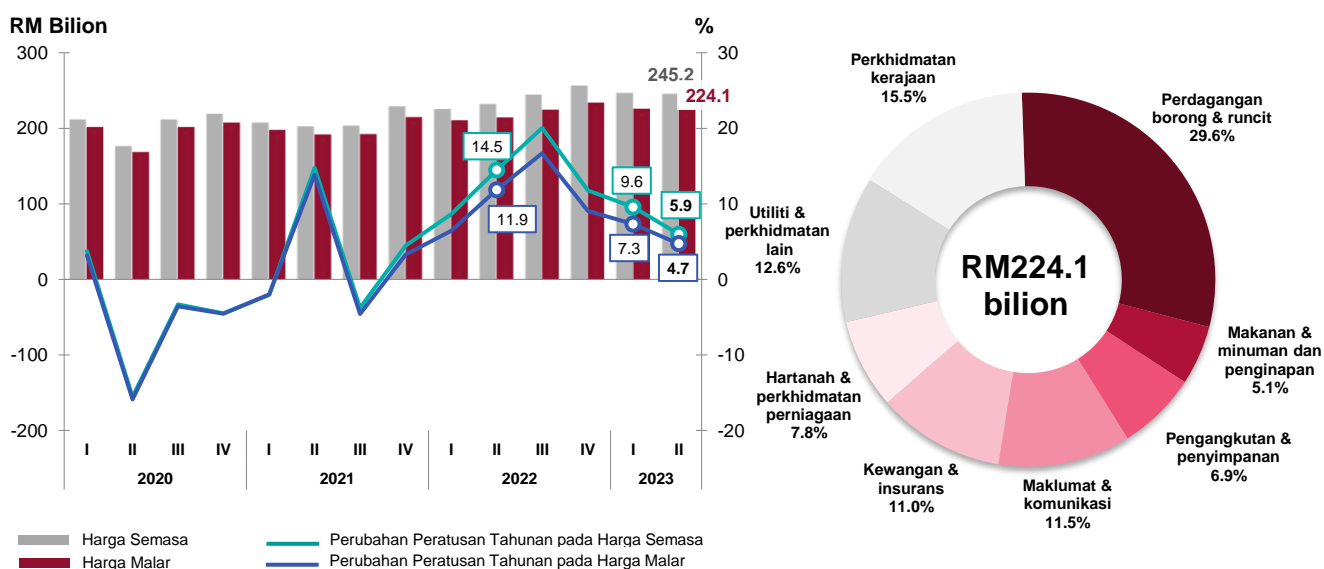
## PERKHIDMATAN

Sektor **Perkhidmatan** berkembang pada kadar yang lebih perlahan 4.7 peratus pada suku tahun kedua tahun ini berbanding 7.3 peratus pada suku tahun sebelumnya seperti ditunjukkan di **Carta 3**. Bagi terma pelarasan musim, sektor ini bertumbuh 2.7 peratus (ST1 2023: 1.8%).

Prestasi ini dipengaruhi oleh subsektor Perdagangan borong & runcit dengan pertumbuhan 4.7 peratus (ST1 2023: 9.4%) disokong oleh aktiviti perdagangan borong dan perdagangan runcit. Pertumbuhan tersebut diikuti oleh subsektor Pengangkutan dan penyimpanan yang meningkat 13.5 peratus (ST1 2023: 17.0%) disumbangkan terutamanya oleh prestasi yang lebih baik dalam segmen aktiviti sokongan untuk pengangkutan, pengangkutan darat dan pengangkutan udara.

Tambahan lagi, subsektor Perkhidmatan perniagaan mencatatkan pertumbuhan 10.7 peratus (ST1 2023: 16.2%) disokong oleh prestasi kukuh dalam aktiviti profesional, saintifik dan teknikal.

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

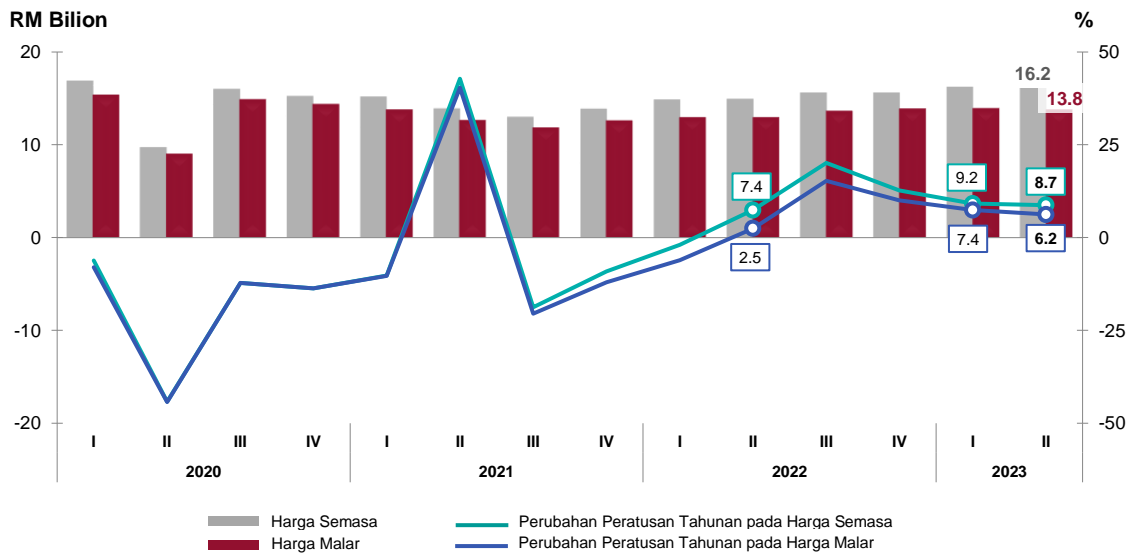


## PEMBINAAN

Sektor **Pembinaan** berkembang 6.2 peratus (ST1 2023: 7.4%) seperti ditunjukkan dalam **Carta 4**. Sektor ini bertumbuh 4.8 peratus bagi terma pelarasan musim daripada 2.9 peratus pada suku tahun pertama 2023.

Pertumbuhan bagi sektor ini didorong oleh Kejuruteraan awam dengan pertumbuhan dua digit 10.0 peratus (ST1 2023: 15.9%) diikuti oleh Aktiviti pembinaan pertukangan khas yang meningkat 6.4 peratus (ST1 2023: 8.7%). Selain itu, Bangunan kediaman dan Bukan bangunan kediaman masing-masing mencatatkan pertumbuhan 6.1 peratus dan 2.3 peratus.

**Carta 4 Pembinaan - Nilai Ditambah dan Perubahan Peratusan Tahunan pada Harga Malar 2015**

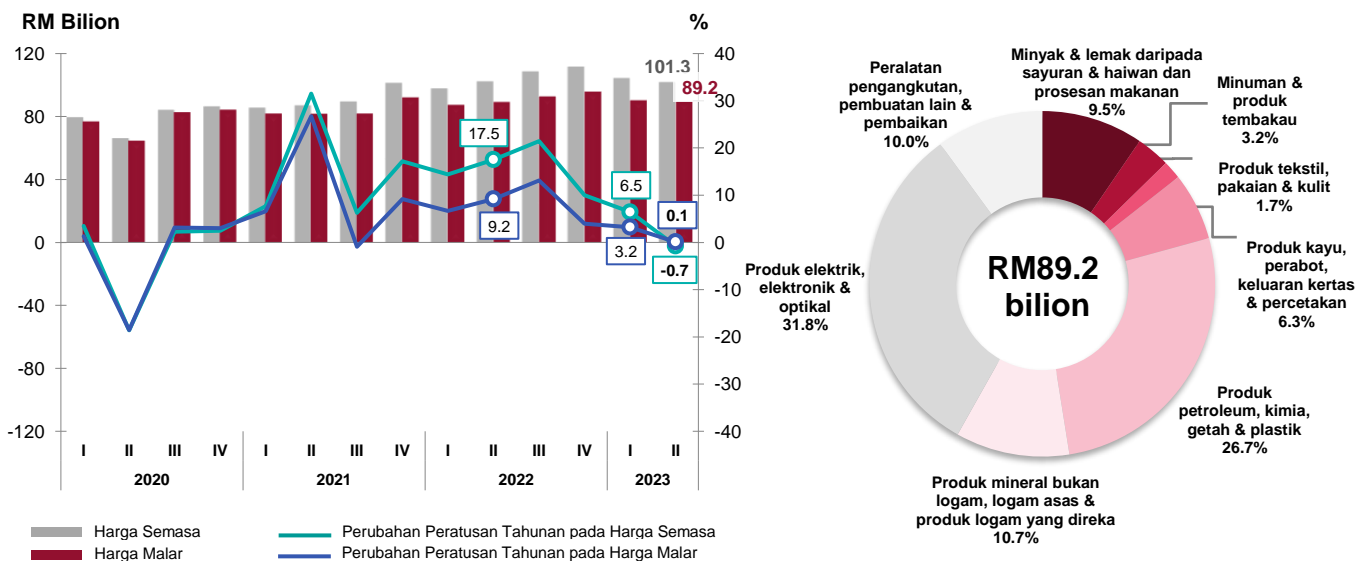


## PEMBUATAN

Sektor **Pembuatan** bertumbuh marginal 0.1 peratus daripada 3.2 peratus pada suku tahun sebelumnya seperti ditunjukkan di **Carta 5**. Sektor ini meningkat 0.6 peratus bagi terma pelarasan musim daripada 0.5 peratus pada suku tahun pertama 2023.

Prestasi ini disokong oleh Produk mineral bukan logam, logam asas dan produk logam yang direka dengan pertumbuhan 5.4 peratus (ST1 2023: 3.5%). Tambahan lagi, Minuman & produk tembakau berkembang kepada 8.8 peratus (ST1 2023: 5.5%) dan Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan meningkat 2.1 peratus (ST1 2023: 7.2%). Namun begitu, Produk elektrik, elektronik dan optikal menurun 1.5 peratus (ST1 2023: 3.8%) pada suku tahun ini.

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

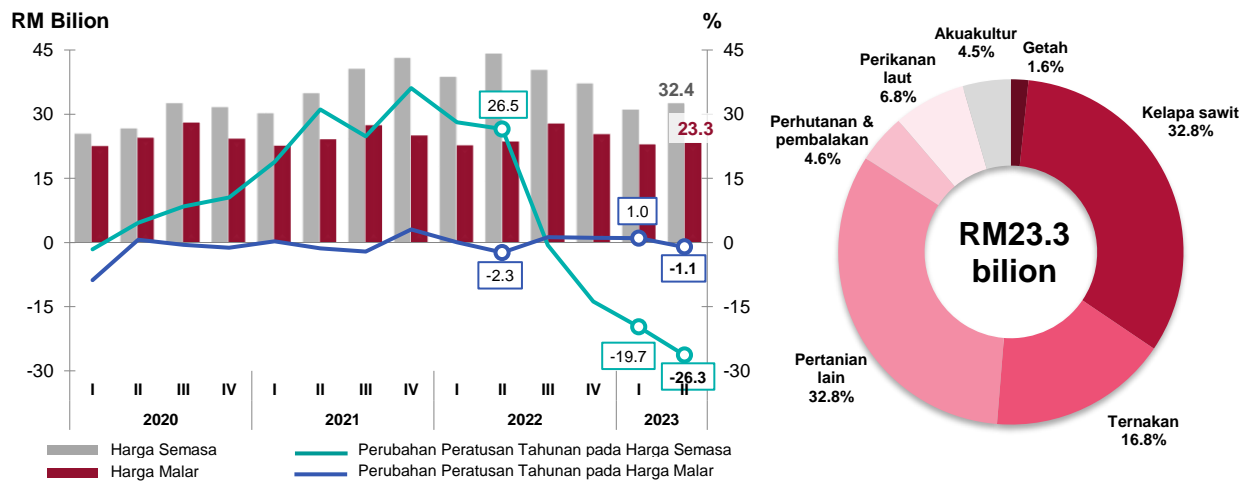


## PERTANIAN

Sektor **Pertanian** merosot 1.1 peratus berbanding pertumbuhan 1.0 peratus pada suku tahun sebelumnya seperti ditunjukkan di **Carta 6**. Sektor ini juga menyusut 3.6 peratus (ST1 2023: -2.5%) bagi terma pelarasan musim.

Penyusutan dalam sektor ini dipengaruhi oleh kejatuhan dalam subsektor Kelapa sawit pada 6.9 peratus (ST1 2023: 3.4%), diikuti oleh subsektor Perhutanan & pembalakan (-11.4%) dan Perikanan (-1.5%) pada suku tahun ini. Bagaimanapun, subsektor Ternakan, Getah dan Pertanian lain mencatatkan pertumbuhan bagi suku tahun ini.

**Carta 6** Pertanian - Nilai Ditambah, Perubahan Peratusan Tahunan dan Peratus Sumbangan pada Harga Malar 2015

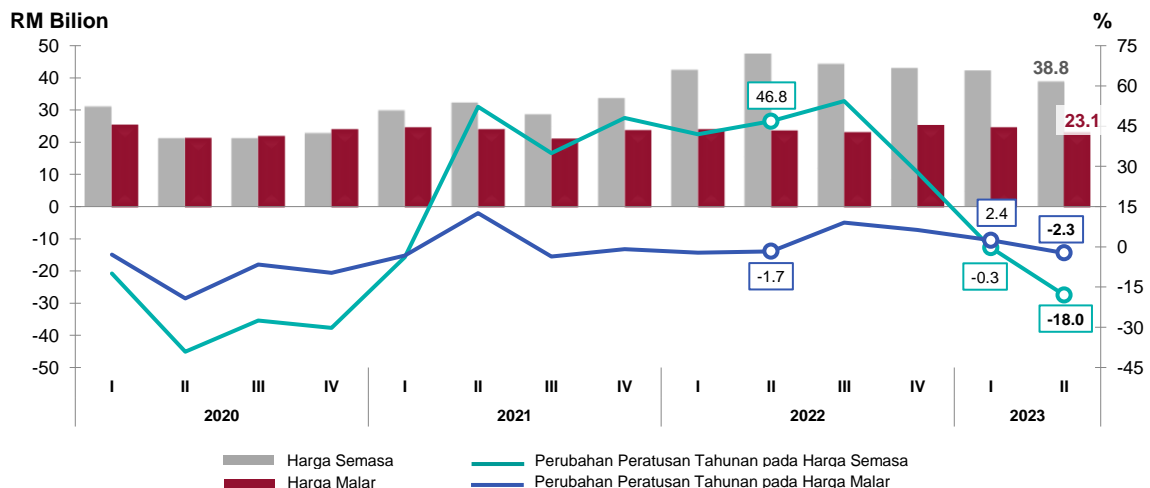


## PERLOMBONGAN DAN PENGKUIARIAN

Sektor **Perlombongan dan pengkuarian** menguncup 2.3 peratus daripada pertumbuhan 2.4 peratus pada suku tahun pertama tahun 2023 seperti ditunjukkan di **Carta 7**. Bagi terma pelarasan musim, sektor ini menyusut 2.7 peratus (ST1 2023: -3.2%).

Prestasi lemah dalam sektor ini disebabkan oleh penurunan dalam subsektor Gas asli dan Minyak mentah & kondensat masing-masing pada 3.6 peratus (ST1 2023: 0.6%) dan 1.5 peratus (ST1 2023: 4.0%).

**Carta 7** Perlombongan dan pengkuarian - Nilai Ditambah dan Perubahan Peratusan Tahunan pada Harga Malar 2015



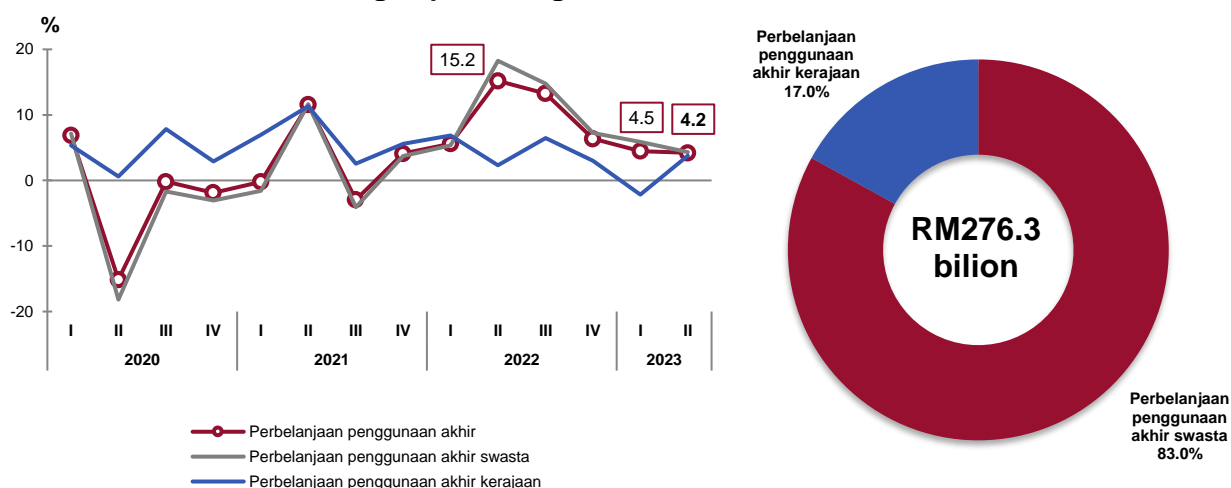
## PERBELANJAAN PENGGUNAAN AKHIR

Perbelanjaan penggunaan akhir menyederhana 4.2 peratus berbanding 4.5 peratus pada suku tahun sebelumnya, seperti di **Carta 8**.

Perbelanjaan penggunaan akhir swasta meningkat 4.3 peratus berbanding 5.9 peratus pada suku tahun pertama 2023. Prestasi yang lebih baik disebabkan oleh perbelanjaan yang lebih tinggi bagi Perumahan, air, elektrik, gas & bahan api lain, Komunikasi dan Pengangkutan. Bagi terma pelarasan musim, Perbelanjaan penggunaan akhir swasta meningkat 5.9 peratus (ST1 2023: 2.0%).

Perbelanjaan penggunaan akhir kerajaan bertumbuh 3.8 peratus daripada penurunan 2.2 peratus pada suku tahun sebelumnya dipengaruhi oleh perbelanjaan yang lebih tinggi ke atas bekalan dan perkhidmatan. Bagi terma pelarasan musim, Perbelanjaan penggunaan akhir kerajaan pulih kepada 4.0 peratus (ST1 2023: -1.7%).

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



## PEMBENTUKAN MODAL TETAP KASAR

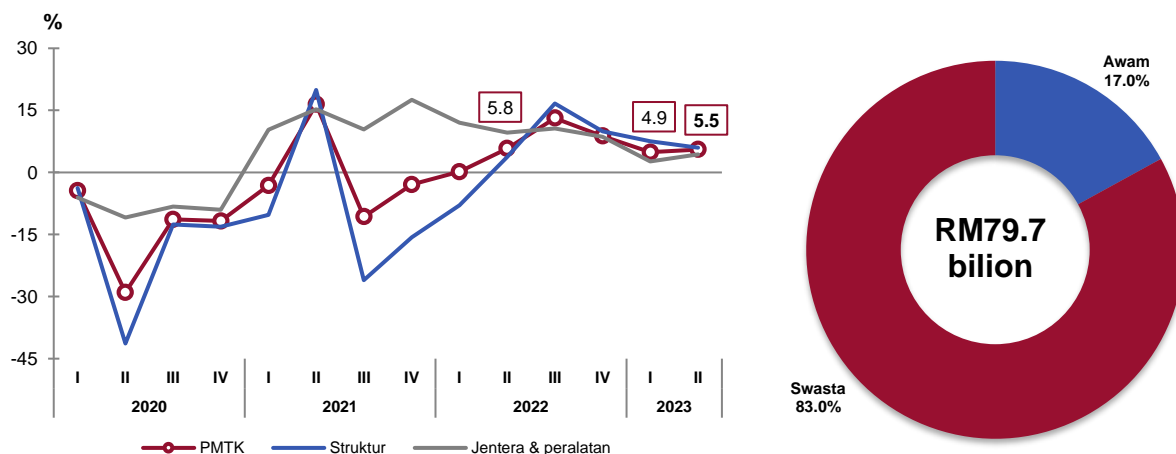
Pembentukan modal tetap kasar (PMTK) meningkat 5.5 peratus berbanding 4.9 peratus pada suku tahun sebelumnya seperti di **Carta 9**. Dari segi terma pelarasan musim, PMTK mencatatkan peningkatan 4.7 peratus (ST1 2023: -1.4%).

Pertumbuhan ini disokong terutamanya oleh Struktur dan Jentera & peralatan yang masing-masing berkembang kepada 6.0 peratus (ST1 2023: 7.5%) dan 4.4 peratus (ST1 2023: 2.6%). Tambahan pula, Aset lain meningkat 8.3 peratus daripada penurunan 0.3 peratus pada suku tahun pertama 2023.

Sektor Swasta yang menyumbang 83.0 peratus kepada jumlah PMTK terus berkembang kepada 5.1 peratus (ST1 2023: 4.7%). Selain itu, sektor Awam dengan sumbangan 17.0 peratus mencatatkan pertumbuhan 7.9 peratus (ST1 2023: 5.7%).



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

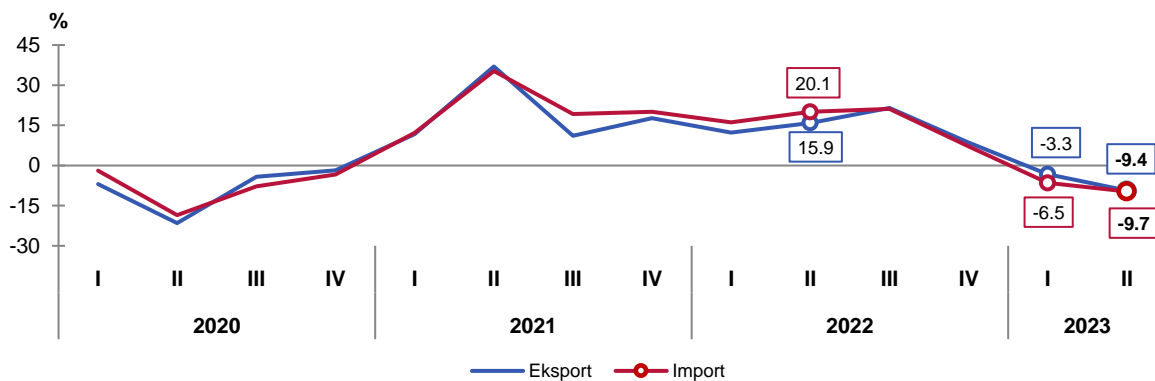


## EKSPORT DAN IMPORT

**Eksport** menunjukkan prestasi merosot, dengan penyusutan 9.4 peratus (ST1 2023: -3.3%) dipengaruhi oleh penguncupan dalam eksport barangan (**Carta 10**). Dari segi pelarasan musim, Eksport bertumbuh 1.2 peratus (ST1 2023: -8.9%).

**Import** terus menyusut 9.7 peratus berbanding penyusutan 6.5 peratus pada suku tahun sebelumnya disebabkan oleh penurunan dalam import barangan. Walau bagaimanapun, dari segi terma pelarasan musim, import meningkat 2.6 peratus (ST1 2023: -7.0%).

**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 pertama 2023.

## HIGHLIGHTS OF SECOND QUARTER 2023

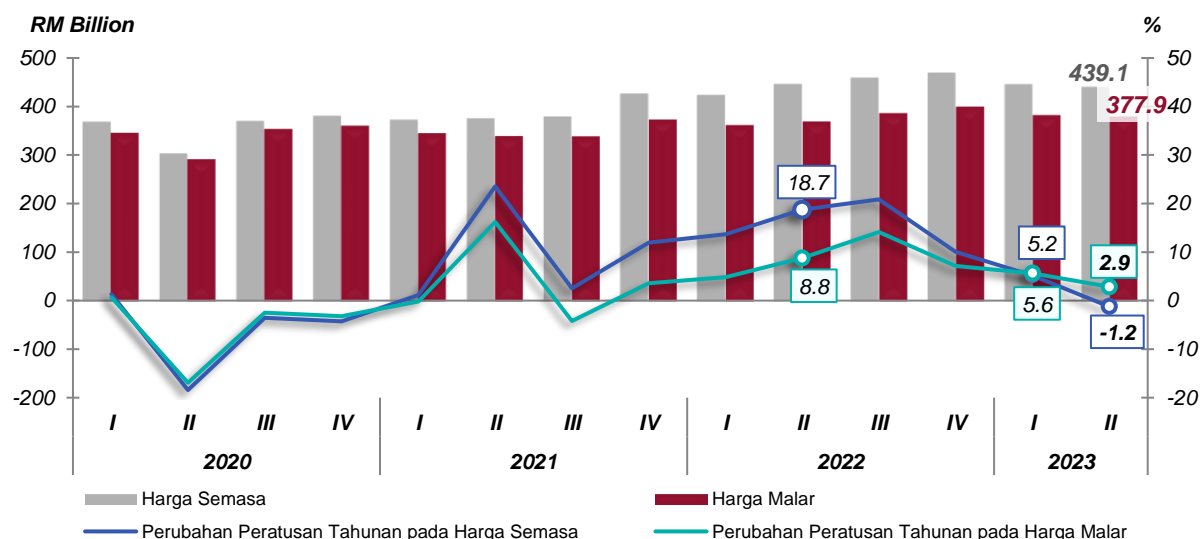
### ECONOMIC GROWTH

Malaysia's Gross Domestic Product (GDP) for the second quarter 2023 moderated to 2.9 per cent as against 5.6 per cent in the previous quarter (**Chart 1**). In terms of seasonally adjusted, GDP increased by 1.5 per cent (Q1 2023: 0.9%) as shown in **Chart 2**.

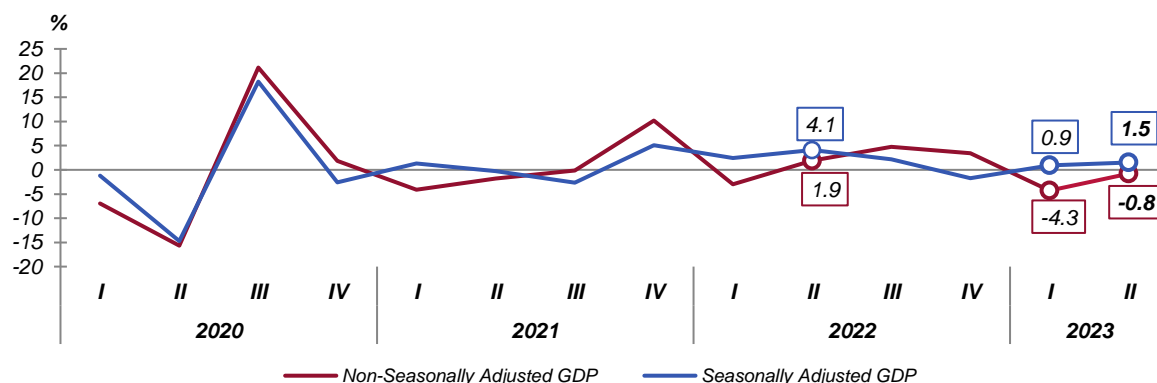
On the supply side, the performance was supported by the growth in Services, Construction and Manufacturing sectors. Meanwhile, the Agriculture and Mining & quarrying sectors recorded a decline in the second quarter of this year. On the demand side, the growth was attributed by Private final consumption expenditure and Gross fixed capital formation.

Malaysia's GDP recorded a value of RM439.1 billion at current prices and RM377.9 billion at constant prices in this quarter. Hence, the Malaysia's economy grew at 4.2 per cent for the first half of the year as compared to 6.8 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



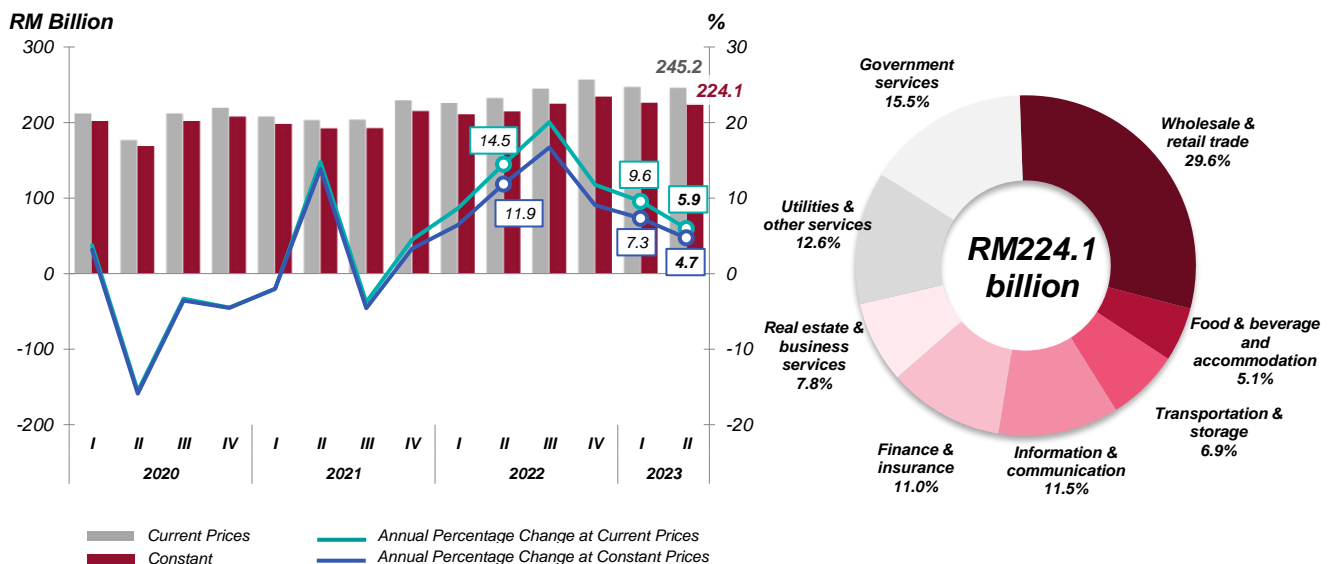
## SERVICES

**Services** sector grew at slower pace of 4.7 per cent in the second quarter of this year as against 7.3 per cent in the previous quarter as shown in **Chart 3**. In seasonally adjusted terms, this sector grew by 2.7 per cent (Q1 2023: 1.8%).

This performance was influenced by Wholesale & retail trade sub-sector with a growth of 4.7 per cent (Q1 2023: 9.4%) supported by wholesale trade and retail trade activities. The growth was followed by Transportation and storage sub-sector which grew 13.5 per cent (Q1 2023: 17.0%) mainly contributed by the better performance in support activities for transportation, land transport and air transport segments.

Furthermore, the Business services sub-sector recorded a growth of 10.7 per cent (Q1 2023: 16.2%) supported by strong performance in professional, scientific and technical activities.

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

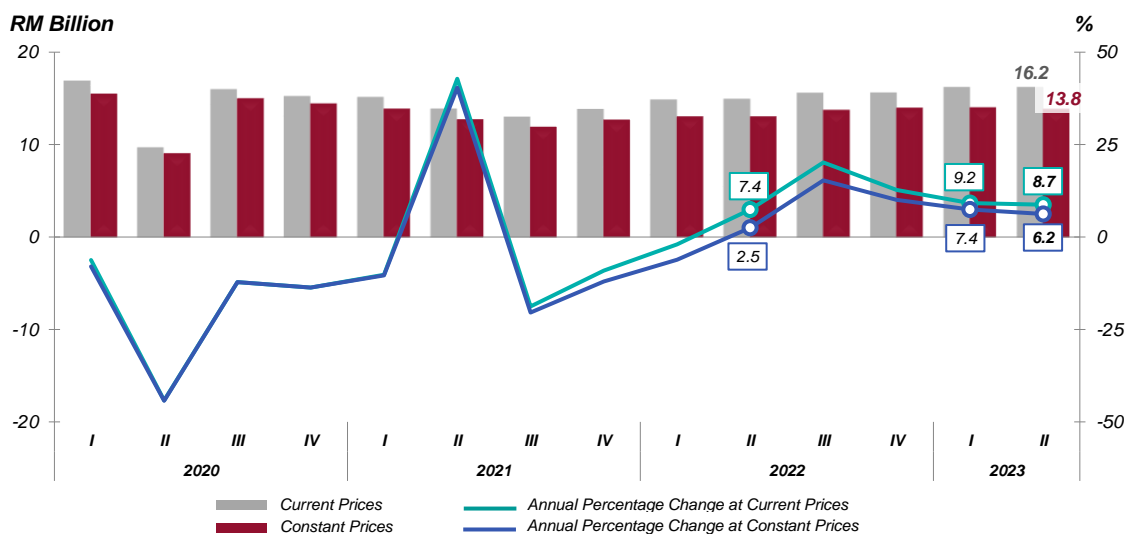


## CONSTRUCTION

**Construction** sector grew 6.2 per cent (Q1 2023: 7.4%) as shown in **Chart 4**. The sector grew 4.8 per cent in seasonally adjusted terms from 2.9 per cent in the first quarter of 2023.

Growth for this sector was impelled by Civil engineering with a double-digit growth of 10.0 per cent (Q1 2023: 15.9%), followed by Specialised construction activities which grew at 6.4 per cent (Q1 2023: 8.7%). In addition, Residential buildings and Non-residential buildings recorded a growth of 6.1 per cent and 2.3 per cent, respectively.

**Chart 4 Construction - Value Added and Annual Percentage Change at Constant 2015 Prices**

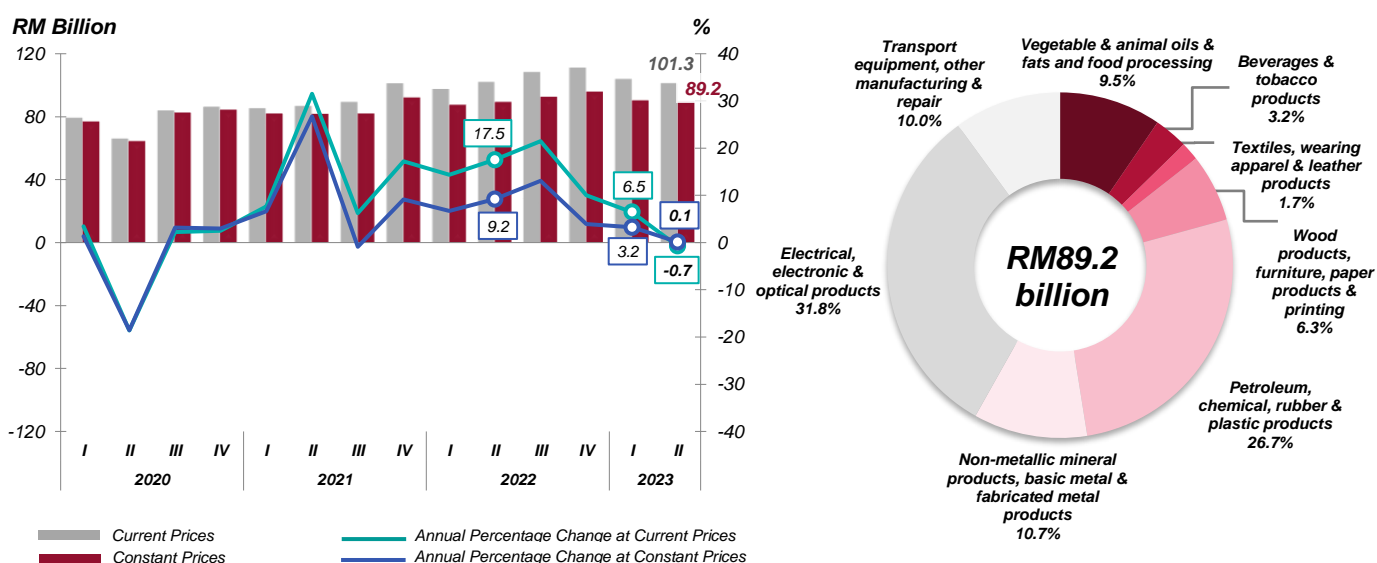


## MANUFACTURING

**Manufacturing** sector grew marginally 0.1 per cent from 3.2 per cent in the previous quarter as shown in **Chart 5**. The sector uplifted 0.6 per cent for the seasonally adjusted from 0.5 per cent in the first quarter of 2023.

This performance was backed by Non-metallic mineral products, basic metals and fabricated metal products with the growth of 5.4 per cent (Q1 2023: 3.5%). Furthermore, Beverages & tobacco products grew at 8.8 per cent (Q1 2023: 5.5%) and Vegetables and animal oils & fats and food processing increased 2.1 per cent (Q1 2023: 7.2%). Nevertheless, Electrical, electronic and optical products decreased 1.5 per cent (Q1 2023: 3.8%) in this quarter.

**Chart 5 Manufacturing – Value Added, Annual Percentage Change and Percentage Share at Constant 2015 Prices**

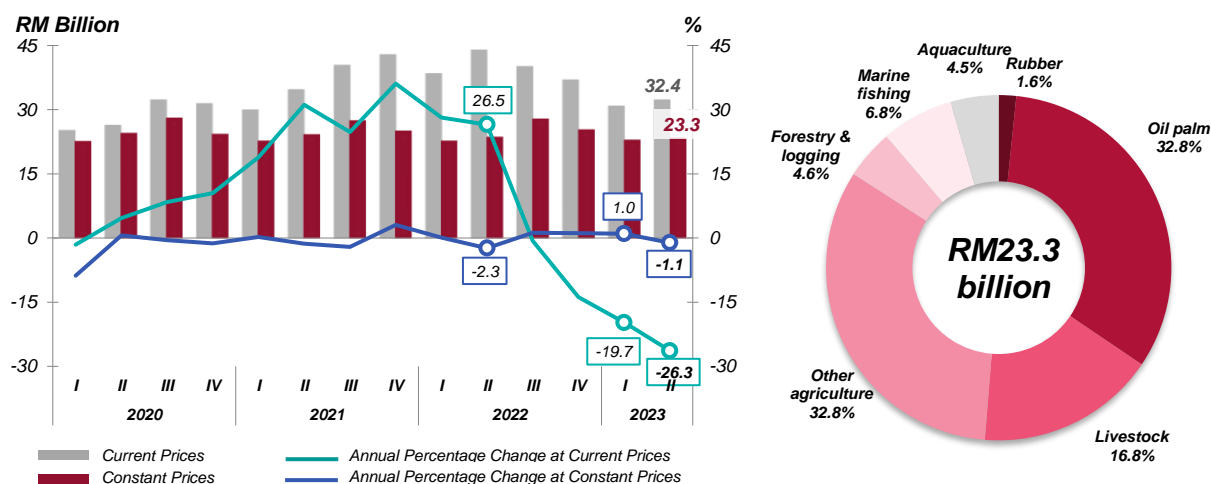


## AGRICULTURE

**Agriculture** sector declined 1.1 per cent as compared to a growth of 1.0 per cent in the preceding quarter as shown in **Chart 6**. This sector also shrank 3.6 per cent (Q1 2023: -2.5%) in seasonally adjusted terms.

The decline in this sector was influenced by a contraction in Oil palm sub-sector at 6.9 per cent (Q1 2023: 3.4%), followed by Forestry & logging (-11.4%) and Fishing (-1.5%) sub-sectors in this quarter. However, Livestock, Rubber and Other agriculture sub-sectors posted a growth in this quarter.

**Chart 6** Agriculture - Value Added, Annual Percentage Change and Percentage Share at Constant 2015 Prices

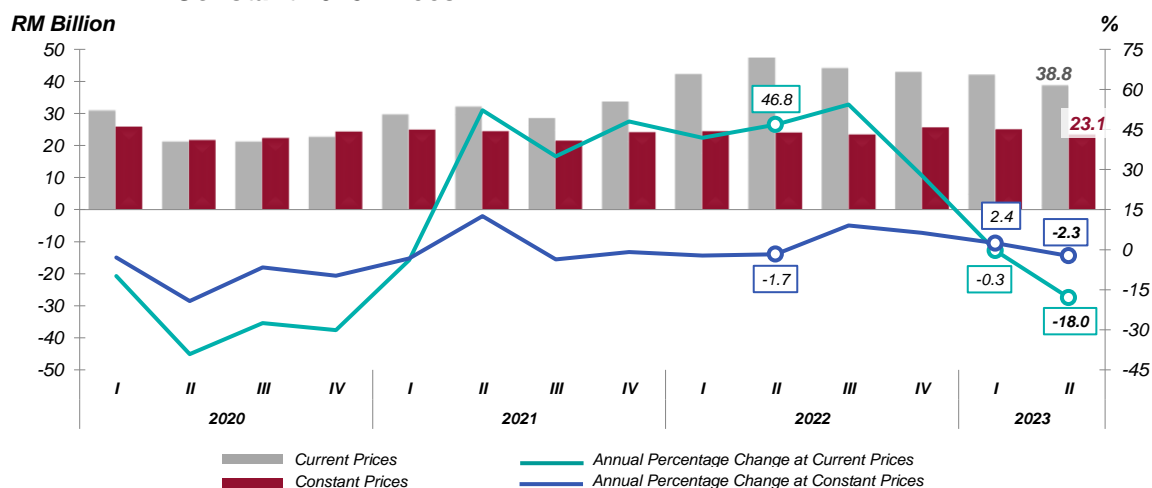


## MINING AND QUARRYING

**Mining and quarrying** sector contracted 2.3 per cent from 2.4 per cent growth in the first quarter of 2023 as shown in **Chart 7**. In seasonally adjusted terms, this sector shrank 2.7 per cent (Q1 2023: -3.2%).

The weak performance in this sector was attributed to a decreased in Natural gas and Crude oil & condensate sub-sectors at 3.6 per cent (Q1 2023: 0.6%) and 1.5 per cent (Q1 2023: 4.0%), respectively.

**Chart 7** Mining and quarrying - Value Added and Annual Percentage Change at Constant 2015 Prices



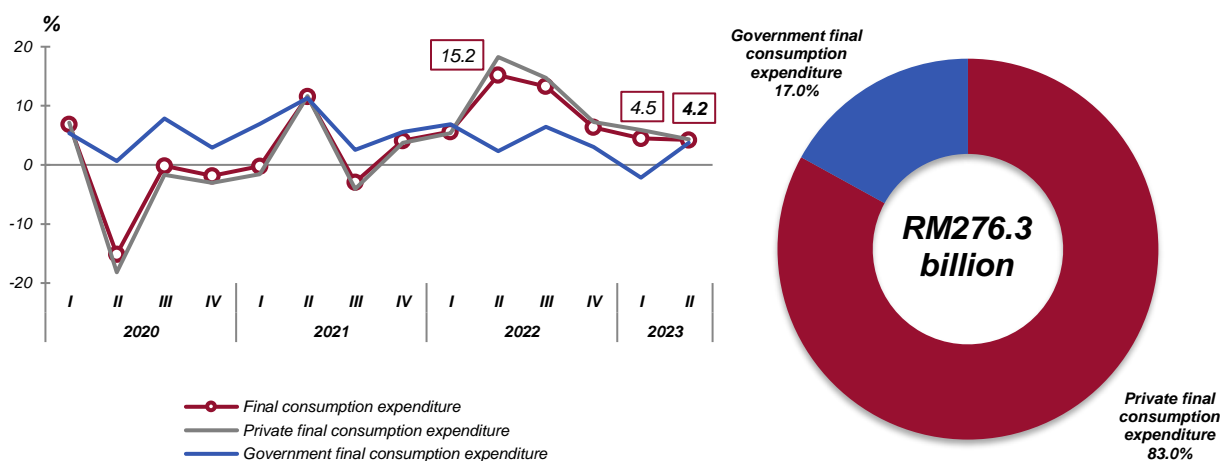
## FINAL CONSUMPTION EXPENDITURE

**Final consumption expenditure** moderated 4.2 per cent as compared to 4.5 per cent in the previous quarter, as in **Chart 8**.

**Private final consumption expenditure** increased 4.3 per cent as compared to 5.9 per cent in the first quarter 2023. The better performance was attributed by the higher expenditure on Housing, water, electricity, gas & other fuels, Communication and Transport. In terms of seasonally adjusted, Private final consumption expenditure increased 5.9 per cent (Q1 2023: 2.0%).

**Government final consumption expenditure** grew 3.8 per cent from a decrease of 2.2 per cent in the previous quarter which was supported by the higher spending on supplies and services. In terms of seasonally adjusted, Government final consumption expenditure recovered to 4.0 per cent (Q1 2023: -1.7%).

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



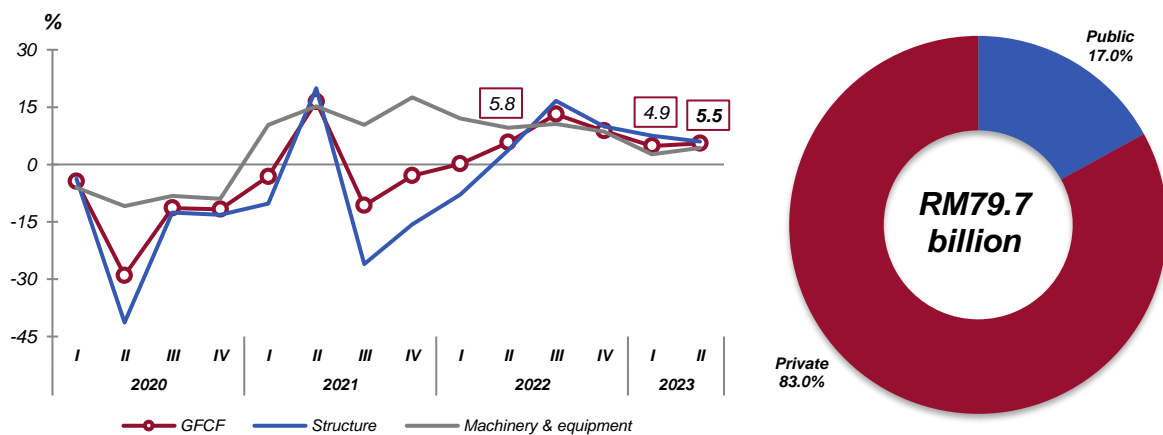
## GROSS FIXED CAPITAL FORMATION

**Gross fixed capital formation (GFCF)** rose 5.5 per cent as against 4.9 per cent in the previous quarter as in **Chart 9**. In terms of seasonally adjusted, GFCF recorded an increase of 4.7 per cent (Q1 2023: -1.4%).

The growth was mainly supported by Structure and Machinery & equipment which expanded to 6.0 per cent (Q1 2023: 7.5%) and 4.4 per cent (Q1 2023: 2.6%), respectively. Furthermore, Other assets increased 8.3 per cent from a decline of 0.3 per cent in the first quarter of 2023.

Private sector which contributed 83.0 per cent to total GFCF continued to expand by 5.1 per cent (Q1 2023: 4.7%). Moreover, Public sector with a share of 17.0 per cent recorded a growth of 7.9 per cent (Q1 2023: 5.7%).

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



## EXPORTS AND IMPORTS

**Exports** showed a sluggish performance, with a decrease of 9.4 per cent (Q1 2023: -3.3%) influenced by the shrank in exports of goods (**Chart 10**). In terms of seasonally adjusted, Exports grew at 1.2 per cent (Q1 2023: -8.9%).

**Imports** further decreased 9.7 per cent as against a decline of 6.5 per cent in the preceding quarter, attributed by a dropped in import of goods. However, in terms of seasonally adjusted, Import increased 2.6 per cent (Q1 2023: -7.0%).

**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 first quarter of 2023.

**Jadual**  
***Tables***



**JADUAL 1A** KDNK mengikut Jenis Perbelanjaan dan Data Penting Ekonomi Makro pada Harga Semasa  
**TABLE 1A** 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 <sup>o</sup>	1,436,925	1,094,514	342,411	111,973	-42,153	1,506,745	32,576	46,253
2022 <sup>p</sup>	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	420,908	311,898	109,010	18,195	-6,290	432,814	33,379	51,866

**JADUAL 1B** KDNK mengikut Jenis Perbelanjaan dan Data Penting Ekonomi Makro pada Harga Semasa - Perubahan peratusan dari suku tahun yang sama tahun sebelumnya  
**TABLE 1B** 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 <sup>o</sup>	8.2	4.3	22.8	24.0	47.8	8.4	0.4	8.0
2022 <sup>p</sup>	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	-0.4	5.6	-14.4	-17.5	-61.3	1.0	2.1	-1.0

\* 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
<b>2020</b>	<b>-5.1</b>	<b>-2.9</b>	<b>-12.4</b>	<b>-20.7</b>	<b>-27.8</b>	<b>-5.7</b>	<b>-0.2</b>	<b>-5.4</b>
<b>2021<sup>a</sup></b>	<b>8.2</b>	<b>4.3</b>	<b>22.8</b>	<b>24.0</b>	<b>47.8</b>	<b>8.4</b>	<b>0.4</b>	<b>8.0</b>
<b>2022<sup>a</sup></b>	<b>15.6</b>	<b>13.4</b>	<b>23.0</b>	<b>15.8</b>	<b>40.9</b>	<b>14.9</b>	<b>0.4</b>	<b>14.5</b>
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	0.9	-1.6	8.8	-32.7	-62.8	1.3	0.5	0.8

**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
<b>2020</b>	<b>93.6</b>	<b>74.0</b>	<b>19.7</b>	..	..	..	..	..
<b>2021<sup>a</sup></b>	<b>92.8</b>	<b>70.7</b>	<b>22.1</b>	..	..	..	..	..
<b>2022<sup>a</sup></b>	<b>92.8</b>	<b>69.3</b>	<b>23.5</b>	..	..	..	..	..
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	24.8	..	..	..	..	..

\* 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	<b>350,298</b>
	II	25,320	21,270	65,773	9,522	173,364	3,499	<b>298,748</b>
	III	25,166	23,807	83,121	15,016	202,075	4,027	<b>353,212</b>
	IV	24,308	23,109	80,297	13,812	198,075	4,390	<b>343,991</b>
2021	I	24,398	23,784	83,243	13,620	199,482	4,113	<b>348,640</b>
	II	24,881	23,988	83,727	13,249	197,696	4,111	<b>347,653</b>
	III	24,591	22,985	82,165	12,007	193,146	3,505	<b>338,399</b>
	IV	25,132	22,990	87,466	12,069	204,113	3,886	<b>355,655</b>
2022	I	24,509	23,175	88,429	12,766	211,468	3,973	<b>364,320</b>
	II	24,219	23,598	91,620	13,540	221,934	4,269	<b>379,179</b>
	III	24,884	25,078	93,223	13,879	226,015	4,343	<b>387,422</b>
	IV	25,392	24,484	90,823	13,316	222,521	4,184	<b>380,719</b>
2023	I	24,763	23,699	91,279	13,702	226,445	4,413	<b>384,301</b>
	II	23,873	23,068	91,796	14,362	232,583	4,553	<b>390,236</b>

**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	<b>-1.2</b>
	II	4.1	-13.9	-16.1	-37.6	-15.1	2.0	<b>-14.7</b>
	III	-0.6	11.9	26.4	57.7	16.6	15.1	<b>18.2</b>
	IV	-3.4	-2.9	-3.4	-8.0	-2.0	9.0	<b>-2.6</b>
2021	I	0.4	2.9	3.7	-1.4	0.7	-6.3	<b>1.4</b>
	II	2.0	0.9	0.6	-2.7	-0.9	0.0	<b>-0.3</b>
	III	-1.2	-4.2	-1.9	-9.4	-2.3	-14.7	<b>-2.7</b>
	IV	2.2	0.0	6.5	0.5	5.7	10.9	<b>5.1</b>
2022	I	-2.5	0.8	1.1	5.8	3.6	2.2	<b>2.4</b>
	II	-1.2	1.8	3.6	6.1	4.9	7.5	<b>4.1</b>
	III	2.7	6.3	1.7	2.5	1.8	1.7	<b>2.2</b>
	IV	2.0	-2.4	-2.6	-4.1	-1.5	-3.7	<b>-1.7</b>
2023	I	-2.5	-3.2	0.5	2.9	1.8	5.5	<b>0.9</b>
	II	-3.6	-2.7	0.6	4.8	2.7	3.2	<b>1.5</b>

**JADUAL 3A** KDNK Pelarasan Musim mengikut Jenis Perbelanjaan pada Harga Malar 2015  
**TABLE 3A** 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	<b>350,298</b>
II	175,082	43,027	59,419	180,438	165,413	<b>298,748</b>
III	210,454	46,456	74,723	219,067	186,863	<b>353,212</b>
IV	204,173	45,662	71,904	219,227	196,416	<b>343,991</b>
2021 I	207,595	47,316	71,955	235,872	217,801	<b>348,640</b>
II	196,930	48,026	69,875	246,547	223,516	<b>347,653</b>
III	202,014	47,498	67,027	243,328	222,811	<b>338,399</b>
IV	210,724	48,417	69,708	258,170	236,291	<b>355,655</b>
2022 I	218,007	50,326	71,674	264,613	252,424	<b>364,320</b>
II	233,653	49,192	74,126	285,575	268,120	<b>379,179</b>
III	231,914	50,519	75,964	295,946	270,085	<b>387,422</b>
IV	225,862	49,992	76,036	280,704	253,706	<b>380,719</b>
2023 I	230,457	49,121	75,002	255,779	235,910	<b>384,301</b>
II	244,129	51,070	78,516	258,737	242,078	<b>390,236</b>

**JADUAL 3B** KDNK Pelarasan Musim mengikut Jenis Perbelanjaan pada Harga Malar 2015 - Perubahan peratusan dari suku tahun sebelumnya  
**TABLE 3B** 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	<b>-1.2</b>
II	-17.8	-3.5	-20.9	-14.7	-14.9	<b>-14.7</b>
III	20.2	8.0	25.8	21.4	13.0	<b>18.2</b>
IV	-3.0	-1.7	-3.8	0.1	5.1	<b>-2.6</b>
2021 I	1.7	3.6	0.1	7.6	10.9	<b>1.4</b>
II	-5.1	1.5	-2.9	4.5	2.6	<b>-0.3</b>
III	2.6	-1.1	-4.1	-1.3	-0.3	<b>-2.7</b>
IV	4.3	1.9	4.0	6.1	6.0	<b>5.1</b>
2022 I	3.5	3.9	2.8	2.5	6.8	<b>2.4</b>
II	7.2	-2.3	3.4	7.9	6.2	<b>4.1</b>
III	-0.7	2.7	2.5	3.6	0.7	<b>2.2</b>
IV	-2.6	-1.0	0.1	-5.2	-6.1	<b>-1.7</b>
2023 I	2.0	-1.7	-1.4	-8.9	-7.0	<b>0.9</b>
II	5.9	4.0	4.7	1.2	2.6	<b>1.5</b>

\* 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 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Pertanian</b>	<b>115,834</b>	<b>148,301</b>	<b>159,803</b>	<b>25,326</b>	<b>26,523</b>	<b>32,418</b>	<b>31,566</b>	<b>30,102</b>	<b>34,778</b>
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
<b>2. Perlombongan dan pengkuarian</b>	<b>96,172</b>	<b>124,355</b>	<b>176,870</b>	<b>31,032</b>	<b>21,180</b>	<b>21,224</b>	<b>22,736</b>	<b>29,823</b>	<b>32,231</b>
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
<b>3. Pembuatan</b>	<b>315,360</b>	<b>362,301</b>	<b>419,062</b>	<b>79,252</b>	<b>66,000</b>	<b>83,927</b>	<b>86,181</b>	<b>85,330</b>	<b>86,803</b>
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

2021		2022				2023		Kind of economic activity
III	IV	I	II	III	IV	I	II	
<b>40,461</b>	<b>42,960</b>	<b>38,570</b>	<b>43,996</b>	<b>40,208</b>	<b>37,029</b>	<b>30,958</b>	<b>32,410</b>	<b>1. Agriculture</b>
889	808	715	536	690	492	478	456	1.1 Rubber
21,426	25,603	21,683	26,225	20,347	20,037	13,522	13,925	1.2 Oil palm
4,982	5,029	4,874	4,704	5,274	5,019	5,045	5,005	1.3 Livestock
7,572	6,735	6,977	7,794	7,669	6,467	7,379	8,084	1.4 Other agriculture
1,846	1,773	1,400	1,590	2,108	1,846	1,577	1,630	1.5 Forestry and logging
2,341	1,740	1,887	1,843	2,424	1,811	1,894	1,996	1.6 Marine fishing
1,405	1,273	1,034	1,305	1,695	1,357	1,062	1,313	1.7 Aquaculture
<b>28,644</b>	<b>33,657</b>	<b>42,333</b>	<b>47,331</b>	<b>44,211</b>	<b>42,996</b>	<b>42,207</b>	<b>38,828</b>	<b>2. Mining and quarrying</b>
11,682	13,154	20,058	24,942	16,939	15,386	17,502	17,832	2.1 Crude oil and condensate
14,827	17,621	19,738	20,283	24,700	24,332	21,864	18,772	2.2 Natural gas
2,135	2,882	2,537	2,106	2,572	3,277	2,842	2,224	2.3 Other mining & quarrying and supporting services
<b>89,163</b>	<b>101,005</b>	<b>97,610</b>	<b>102,026</b>	<b>108,310</b>	<b>111,116</b>	<b>103,923</b>	<b>101,288</b>	<b>3. Manufacturing</b>
4,138	4,960	3,770	4,667	4,590	5,091	3,908	3,172	3.1 Vegetable and animal oils & fats
6,529	6,061	5,995	7,303	8,028	6,816	6,622	7,871	3.2 Food processing
1,201	1,442	1,269	1,557	1,486	1,493	1,273	1,583	3.3 Beverages
216	951	907	1,072	651	828	1,050	1,306	3.4 Tobacco products
1,270	1,482	1,440	1,265	1,443	1,549	1,440	1,299	3.5 Textile and wearing apparel
140	180	260	314	248	211	276	353	3.6 Leather and related products
1,796	2,225	2,290	2,162	2,309	2,230	2,182	2,109	3.7 Wood products
1,592	1,445	1,617	1,694	1,917	1,568	1,751	1,764	3.8 Paper and paper products
848	1,210	1,177	976	915	1,301	1,249	1,025	3.9 Printing and reproduction of recorded media
15,180	15,650	15,406	15,819	19,849	18,506	16,775	14,698	3.10 Refined petroleum products
9,653	10,403	9,875	9,241	10,432	10,808	9,987	9,256	3.11 Chemicals & chemical products and pharmaceutical products
4,701	4,018	2,759	3,907	3,928	3,489	2,475	3,382	3.12 Rubber products
3,735	3,020	2,949	2,841	4,135	3,029	2,750	2,823	3.13 Plastics products
2,199	2,792	2,776	2,612	2,755	2,975	2,936	2,732	3.14 Non-metallic mineral products
2,505	3,000	2,583	2,979	2,987	3,062	2,625	3,060	3.15 Basic metals
3,447	4,174	4,437	4,359	4,074	4,441	4,705	4,712	3.16 Fabricated metal products
2,478	2,393	3,433	2,693	2,792	2,471	3,480	2,590	3.17 Machinery and equipment
1,561	1,671	1,561	1,680	1,716	1,600	1,477	1,552	3.18 Computers and peripheral equipment
1,749	2,323	2,297	2,933	2,278	2,844	2,458	3,105	3.19 Electrical equipment
16,902	19,770	21,465	20,153	21,593	23,793	24,396	20,694	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	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	3.22 Motor vehicles and transport equipment
768	1,137	1,482	1,430	1,027	1,096	1,364	1,374	3.23 Furniture
990	1,389	1,081	1,004	1,202	1,472	1,141	1,074	3.24 Other manufacturing and repair & installation of machinery and equipment

**JADUAL** **4A** KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Semasa  
**TABLE** *GDP by Kind of Economic Activity at Current Prices*

Jenis aktiviti ekonomi	2020	2021 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>4. Pembinaan</b>	<b>57,657</b>	<b>55,717</b>	<b>60,816</b>	<b>16,826</b>	<b>9,698</b>	<b>15,938</b>	<b>15,195</b>	<b>15,110</b>	<b>13,849</b>
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
<b>5. Perkhidmatan</b>	<b>817,713</b>	<b>841,201</b>	<b>955,993</b>	<b>211,281</b>	<b>176,194</b>	<b>211,263</b>	<b>218,974</b>	<b>206,986</b>	<b>202,208</b>
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
<b>6. tambah Duti import</b>	<b>15,755</b>	<b>17,023</b>	<b>18,812</b>	<b>3,542</b>	<b>3,529</b>	<b>3,979</b>	<b>4,705</b>	<b>4,160</b>	<b>4,594</b>
<b>KDNK pada harga pembeli</b>	<b>1,418,491</b>	<b>1,548,898</b>	<b>1,791,358</b>	<b>367,259</b>	<b>303,124</b>	<b>368,749</b>	<b>379,358</b>	<b>371,510</b>	<b>374,464</b>

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



Jenis aktiviti ekonomi	2020	2021 <sup>a</sup>	2022 <sup>b</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Pertanian</b>	<b>99,109</b>	<b>99,000</b>	<b>99,073</b>	<b>22,532</b>	<b>24,421</b>	<b>27,938</b>	<b>24,218</b>	<b>22,596</b>	<b>24,090</b>
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
<b>2. Perlombongan dan pengkuarian</b>	<b>92,879</b>	<b>93,717</b>	<b>96,199</b>	<b>25,460</b>	<b>21,387</b>	<b>22,009</b>	<b>24,023</b>	<b>24,630</b>	<b>24,073</b>
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
<b>3. Pembuatan</b>	<b>307,606</b>	<b>336,839</b>	<b>364,131</b>	<b>76,635</b>	<b>64,343</b>	<b>82,446</b>	<b>84,182</b>	<b>81,710</b>	<b>81,543</b>
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

2021		2022				2023		Kind of economic activity
III	IV	I	II	III	IV	I	II	
27,356	24,958	22,610	23,526	27,697	25,240	22,834	23,274	1. Agriculture
627	548	473	367	522	428	410	381	1.1 Rubber
9,613	9,453	7,456	8,209	10,099	10,356	7,712	7,640	1.2 Oil palm
4,284	4,259	4,042	3,905	4,398	4,166	3,951	3,915	1.3 Livestock
8,123	6,561	6,837	7,170	7,823	6,237	7,016	7,642	1.4 Other agriculture
1,437	1,341	1,109	1,211	1,465	1,268	1,084	1,073	1.5 Forestry and logging
2,181	1,710	1,843	1,585	2,138	1,678	1,814	1,577	1.6 Marine fishing
1,091	1,085	850	1,078	1,252	1,107	848	1,048	1.7 Aquaculture
21,207	23,807	24,087	23,666	23,133	25,314	24,675	23,128	2. Mining and quarrying
8,281	8,760	8,863	8,975	8,435	9,136	9,213	8,837	2.1 Crude oil and condensate
10,987	12,612	13,096	12,937	12,494	13,538	13,180	12,469	2.2 Natural gas
1,938	2,435	2,127	1,754	2,204	2,640	2,282	1,821	2.3 Other mining & quarrying and supporting services
81,697	91,889	87,181	89,039	92,399	95,513	89,996	89,151	3. Manufacturing
2,963	3,225	2,328	2,819	2,952	3,282	2,642	2,832	3.1 Vegetable and animal oils & fats
5,440	5,011	4,768	5,500	5,893	5,313	4,962	5,665	3.2 Food processing
1,190	1,393	1,224	1,519	1,459	1,422	1,204	1,540	3.3 Beverages
215	949	898	1,065	648	827	1,036	1,272	3.4 Tobacco products
1,231	1,431	1,381	1,210	1,304	1,399	1,378	1,240	3.5 Textile and wearing apparel
115	149	224	268	209	176	241	293	3.6 Leather and related products
1,690	2,096	2,071	1,891	2,004	1,937	1,896	1,799	3.7 Wood products
1,394	1,260	1,395	1,404	1,558	1,281	1,445	1,449	3.8 Paper and paper products
831	1,188	1,237	970	900	1,257	1,281	1,033	3.9 Printing and reproduction of recorded media
10,409	10,375	9,665	9,877	11,506	10,857	10,270	9,649	3.10 Refined petroleum products
9,137	9,724	8,925	8,298	9,482	9,874	9,158	8,638	3.11 Chemicals & chemical products and pharmaceutical products
3,952	3,392	2,362	3,380	3,444	3,099	2,191	2,961	3.12 Rubber products
3,646	2,904	2,789	2,685	3,837	2,792	2,545	2,596	3.13 Plastics products
2,430	3,021	2,974	2,771	2,884	3,077	3,073	2,846	3.14 Non-metallic mineral products
2,045	2,369	1,989	2,213	2,232	2,372	2,021	2,320	3.15 Basic metals
3,385	4,017	4,204	4,033	3,803	4,151	4,390	4,342	3.16 Fabricated metal products
2,684	2,612	3,589	2,787	2,978	2,654	3,627	2,729	3.17 Machinery and equipment
1,617	1,738	1,624	1,699	1,777	1,630	1,498	1,553	3.18 Computers and peripheral equipment
1,487	1,956	1,882	2,250	1,688	2,103	1,920	2,333	3.19 Electrical equipment
18,004	20,395	21,949	20,390	21,451	22,712	23,054	19,996	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	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	3.22 Motor vehicles and transport equipment
779	1,172	1,522	1,467	975	1,094	1,354	1,369	3.23 Furniture
1,181	1,327	1,000	1,013	1,392	1,380	1,044	1,046	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 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>4. Pembinaan</b>	<b>53,616</b>	<b>50,889</b>	<b>53,441</b>	<b>15,377</b>	<b>9,003</b>	<b>14,890</b>	<b>14,346</b>	<b>13,786</b>	<b>12,639</b>
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
<b>5. Perkhidmatan</b>	<b>777,693</b>	<b>794,552</b>	<b>881,310</b>	<b>201,339</b>	<b>168,097</b>	<b>201,009</b>	<b>207,248</b>	<b>197,305</b>	<b>191,355</b>
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
<b>6. tambah Duti import</b>	<b>15,346</b>	<b>15,646</b>	<b>16,785</b>	<b>3,347</b>	<b>3,435</b>	<b>3,844</b>	<b>4,720</b>	<b>3,978</b>	<b>4,068</b>
<b>KDNK pada harga pembeli</b>	<b>1,346,249</b>	<b>1,390,644</b>	<b>1,510,939</b>	<b>344,690</b>	<b>290,686</b>	<b>352,137</b>	<b>358,736</b>	<b>344,005</b>	<b>337,770</b>

2021		2022				2023		Kind of economic activity
III	IV	I	II	III	IV	I	II	
11,843	12,620	12,945	12,953	13,655	13,889	13,906	13,759	4. Construction
2,486	2,718	2,916	2,657	2,733	2,793	2,816	2,820	4.1 Residential buildings
2,466	3,310	2,971	3,293	3,219	3,663	3,162	3,367	4.2 Non-residential buildings
3,620	3,120	3,548	3,400	3,985	3,685	4,114	3,739	4.3 Civil engineering
3,271	3,472	3,510	3,603	3,718	3,748	3,815	3,833	4.4 Specialised construction activities
191,818	214,074	209,973	214,034	223,829	233,475	225,342	224,105	5. Services
7,351	7,979	7,571	7,874	7,967	7,889	7,589	8,075	5.1 Electricity and gas
2,235	2,272	2,178	2,190	2,340	2,328	2,266	2,344	5.2 Water, sewerage and waste management
27,019	28,874	25,262	26,377	28,951	29,052	26,097	27,567	5.3 Wholesale trade
24,787	29,881	28,679	30,706	31,716	35,610	32,829	32,286	5.4 Retail trade
3,343	7,260	6,237	6,353	7,777	7,790	6,937	6,565	5.5 Motor vehicles
6,743	7,762	8,747	8,792	8,831	8,915	9,069	8,935	5.6 Food and beverage
554	1,492	1,664	1,743	2,189	2,665	2,591	2,597	5.7 Accommodation
9,907	12,150	13,282	13,579	13,983	14,956	15,539	15,412	5.8 Transportation and storage
23,985	24,089	24,632	24,782	25,073	25,090	25,574	25,686	5.9 Information and communication
18,850	19,334	19,151	19,695	20,368	20,118	19,683	19,313	5.10 Finance
6,879	7,515	7,511	6,218	6,472	7,134	7,493	5,385	5.11 Insurance
3,710	3,753	4,932	4,956	4,997	5,030	5,028	5,052	5.12 Real estate
8,542	9,711	10,505	11,153	11,563	12,007	12,202	12,351	5.13 Business services
2,609	2,702	2,707	2,718	2,783	2,865	2,942	2,954	5.14 Private health services
2,691	2,727	2,723	2,798	2,931	2,987	2,981	3,063	5.15 Private education services
9,488	10,855	11,156	11,143	11,365	11,538	11,811	11,760	5.16 Other services
33,124	35,718	33,037	32,956	34,521	37,501	34,713	34,759	5.17 Government services
3,365	4,235	3,808	4,228	4,171	4,577	4,211	4,510	6. plus import duties
337,286	371,583	360,603	367,444	384,884	398,008	380,966	377,927	GDP at purchasers' prices

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

Jenis aktiviti ekonomi	2020	2021 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Pertanian</b>	<b>5.7</b>	<b>28.0</b>	<b>7.8</b>	<b>-1.6</b>	<b>4.6</b>	<b>8.4</b>	<b>10.5</b>	<b>18.9</b>	<b>31.1</b>
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
<b>2. Perlombongan dan pengkuarian</b>	<b>-26.6</b>	<b>29.3</b>	<b>42.2</b>	<b>-9.9</b>	<b>-39.1</b>	<b>-27.5</b>	<b>-30.2</b>	<b>-3.9</b>	<b>52.2</b>
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
<b>3. Pembuatan</b>	<b>-2.6</b>	<b>14.9</b>	<b>15.7</b>	<b>3.5</b>	<b>-18.6</b>	<b>2.3</b>	<b>2.5</b>	<b>7.7</b>	<b>31.5</b>
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	
24.8	36.1	28.1	26.5	-0.6	-13.8	-19.7	-26.3	<b>1. Agriculture</b>
42.0	-3.4	-12.3	-12.6	-22.4	-39.1	-33.1	-14.9	1.1 Rubber
43.9	63.8	59.5	49.0	-5.0	-21.7	-37.6	-46.9	1.2 Oil palm
7.5	12.5	7.8	2.6	5.9	-0.2	3.5	6.4	1.3 Livestock
8.3	7.9	-0.9	2.5	1.3	-4.0	5.8	3.7	1.4 Other agriculture
7.3	16.9	-2.3	1.7	14.2	4.1	12.6	2.5	1.5 Forestry and logging
11.8	5.4	10.4	10.5	3.5	4.1	0.4	8.3	1.6 Marine fishing
-4.1	4.3	4.7	13.4	20.6	6.7	2.7	0.6	1.7 Aquaculture
35.0	48.0	41.9	46.8	54.3	27.7	-0.3	-18.0	<b>2. Mining and quarrying</b>
30.9	61.8	44.9	49.8	45.0	17.0	-12.7	-28.5	2.1 Crude oil and condensate
47.5	47.7	44.7	47.6	66.6	38.1	10.8	-7.4	2.2 Natural gas
-4.9	7.7	8.3	14.7	20.5	13.7	12.0	5.6	2.3 Other mining & quarrying and supporting services
6.2	17.2	14.4	17.5	21.5	10.0	6.5	-0.7	<b>3. Manufacturing</b>
15.1	32.4	21.4	11.6	10.9	2.6	3.7	-32.0	3.1 Vegetable and animal oils & fats
16.1	25.0	20.2	24.4	22.9	12.4	10.5	7.8	3.2 Food processing
-2.4	14.0	7.1	21.5	23.7	3.5	0.3	1.7	3.3 Beverages
-80.7	6.9	3.9	41.3	201.7	-12.9	15.7	21.8	3.4 Tobacco products
1.0	10.2	12.5	13.8	13.6	4.5	0.0	2.7	3.5 Textile and wearing apparel
-15.7	4.5	1.9	18.1	77.9	17.2	6.1	12.4	3.6 Leather and related products
-4.9	17.6	18.6	20.8	28.6	0.2	-4.7	-2.4	3.7 Wood products
14.7	23.8	14.2	15.4	20.4	8.5	8.3	4.1	3.8 Paper and paper products
-13.9	1.0	0.6	11.2	7.9	7.5	6.0	5.0	3.9 Printing and reproduction of recorded media
49.3	38.0	25.6	26.2	30.8	18.3	8.9	-7.1	3.10 Refined petroleum products
22.8	26.2	15.3	14.2	8.1	3.9	1.1	0.2	3.11 Chemicals & chemical products and pharmaceutical products
18.6	-9.5	-23.4	-24.7	-16.5	-13.2	-10.3	-13.4	3.12 Rubber products
10.4	10.7	9.8	7.7	10.7	0.3	-6.7	-0.6	3.13 Plastics products
-23.8	2.1	8.6	17.9	25.3	6.6	5.8	4.6	3.14 Non-metallic mineral products
-3.3	21.0	21.0	24.4	19.2	2.1	1.6	2.7	3.15 Basic metals
-6.8	13.9	11.5	17.7	18.2	6.4	6.0	8.1	3.16 Fabricated metal products
6.9	17.3	7.3	7.2	12.7	3.3	1.4	-3.8	3.17 Machinery and equipment
-9.9	-4.4	-8.7	0.5	9.9	-4.3	-5.4	-7.6	3.18 Computers and peripheral equipment
9.8	19.3	25.1	20.6	30.2	22.4	7.1	5.9	3.19 Electrical equipment
2.3	17.3	21.4	24.8	27.7	20.3	13.7	2.7	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	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	3.22 Motor vehicles and transport equipment
-40.8	-6.6	6.4	18.2	33.8	-3.6	-8.0	-3.9	3.23 Furniture
-24.1	4.9	3.5	13.8	21.4	6.0	5.6	7.0	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 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>4. Pembinaan</b>	<b>-18.9</b>	<b>-3.4</b>	<b>9.2</b>	<b>-6.2</b>	<b>-44.2</b>	<b>-12.2</b>	<b>-13.7</b>	<b>-10.2</b>	<b>42.8</b>
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
<b>5. Perkhidmatan</b>	<b>-4.9</b>	<b>2.9</b>	<b>13.6</b>	<b>3.8</b>	<b>-15.5</b>	<b>-3.3</b>	<b>-4.5</b>	<b>-2.0</b>	<b>14.8</b>
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
<b>6. tambah Duti import</b>	<b>-7.6</b>	<b>8.0</b>	<b>10.5</b>	<b>-14.8</b>	<b>-19.2</b>	<b>-8.2</b>	<b>12.2</b>	<b>17.4</b>	<b>30.2</b>
<b>KDNK pada harga pembeli</b>	<b>-6.2</b>	<b>9.2</b>	<b>15.7</b>	<b>1.3</b>	<b>-18.4</b>	<b>-3.5</b>	<b>-4.3</b>	<b>1.2</b>	<b>23.5</b>

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



Jenis aktiviti ekonomi	2020	2021 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Pertanian</b>	<b>-2.4</b>	<b>-0.1</b>	<b>0.1</b>	<b>-8.8</b>	<b>0.6</b>	<b>-0.5</b>	<b>-1.2</b>	<b>0.3</b>	<b>-1.4</b>
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
<b>2. Perlombongan dan pengkuarian</b>	<b>-9.7</b>	<b>0.9</b>	<b>2.6</b>	<b>-2.9</b>	<b>-19.2</b>	<b>-6.6</b>	<b>-9.8</b>	<b>-3.3</b>	<b>12.6</b>
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
<b>3. Pembuatan</b>	<b>-2.7</b>	<b>9.5</b>	<b>8.1</b>	<b>1.3</b>	<b>-18.6</b>	<b>3.2</b>	<b>3.0</b>	<b>6.6</b>	<b>26.7</b>
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	
-2.1	3.1	0.1	-2.3	1.2	1.1	1.0	-1.1	<b>1. Agriculture</b>
0.4	-19.1	-22.6	-17.2	-16.8	-21.9	-13.5	3.7	1.1 Rubber
-11.1	4.8	3.9	-3.9	5.1	9.6	3.4	-6.9	1.2 Oil palm
3.0	0.4	1.6	-1.7	2.7	-2.2	-2.2	0.3	1.3 Livestock
6.2	5.5	-2.9	-1.4	-3.7	-4.9	2.6	6.6	1.4 Other agriculture
2.0	6.8	-6.2	-5.4	2.0	-5.5	-2.3	-11.4	1.5 Forestry and logging
2.1	-2.4	3.5	-0.5	-2.0	-1.9	-1.6	-0.5	1.6 Marine fishing
-4.6	3.3	3.1	9.7	14.7	2.1	-0.2	-2.8	1.7 Aquaculture
<b>-3.6</b>	<b>-0.9</b>	<b>-2.2</b>	<b>-1.7</b>	<b>9.1</b>	<b>6.3</b>	<b>2.4</b>	<b>-2.3</b>	<b>2. Mining and quarrying</b>
-8.9	-6.9	-9.3	-6.5	1.9	4.3	4.0	-1.5	2.1 Crude oil and condensate
2.0	3.6	2.7	0.9	13.7	7.3	0.6	-3.6	2.2 Natural gas
-9.4	0.1	0.9	5.7	13.7	8.4	7.3	3.8	2.3 Other mining & quarrying and supporting services
<b>-0.9</b>	<b>9.2</b>	<b>6.7</b>	<b>9.2</b>	<b>13.1</b>	<b>3.9</b>	<b>3.2</b>	<b>0.1</b>	<b>3. Manufacturing</b>
-11.9	8.1	0.2	-9.2	-0.3	1.8	13.5	0.5	3.1 Vegetable and animal oils & fats
9.0	12.0	7.5	9.8	8.3	6.0	4.1	3.0	3.2 Food processing
-4.4	11.3	7.3	21.4	22.5	2.1	-1.7	1.4	3.3 Beverages
-80.7	7.0	4.0	41.4	201.7	-12.9	15.4	19.4	3.4 Tobacco products
-3.9	4.2	5.3	4.4	5.9	-2.3	-0.2	2.5	3.5 Textile and wearing apparel
-20.4	2.5	2.2	20.9	81.1	18.2	7.4	9.2	3.6 Leather and related products
-8.2	8.8	9.2	11.3	18.5	-7.6	-8.4	-4.9	3.7 Wood products
9.0	16.6	8.2	8.4	11.8	1.6	3.6	3.2	3.8 Paper and paper products
-13.0	1.1	1.4	11.5	8.4	5.8	3.6	6.5	3.9 Printing and reproduction of recorded media
19.1	9.3	2.5	2.8	10.5	4.6	6.3	-2.3	3.10 Refined petroleum products
9.3	10.8	2.0	4.8	3.8	1.5	2.6	4.1	3.11 Chemicals & chemical products and pharmaceutical products
9.1	-10.2	-22.0	-22.3	-12.8	-8.7	-7.2	-12.4	3.12 Rubber products
8.9	7.4	5.2	4.1	5.2	-3.9	-8.8	-3.3	3.13 Plastics products
-21.0	2.0	5.8	13.4	18.7	1.8	3.3	2.7	3.14 Non-metallic mineral products
-13.1	5.9	6.9	9.5	9.2	0.1	1.6	4.8	3.15 Basic metals
-9.0	8.5	4.3	8.8	12.4	3.3	4.4	7.7	3.16 Fabricated metal products
5.9	16.4	6.6	6.0	10.9	1.6	1.1	-2.1	3.17 Machinery and equipment
4.0	10.6	9.1	8.7	9.9	-6.2	-7.8	-8.6	3.18 Computers and peripheral equipment
6.9	13.7	14.5	7.1	13.6	7.5	2.0	3.7	3.19 Electrical equipment
8.2	17.6	18.0	19.3	19.1	11.4	5.0	-1.9	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	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	3.22 Motor vehicles and transport equipment
-39.8	-5.6	7.4	17.8	25.2	-6.6	-11.1	-6.7	3.23 Furniture
-21.3	4.1	3.4	11.9	17.9	4.0	4.4	3.3	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 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>4. Pembinaan</b>	<b>-19.3</b>	<b>-5.1</b>	<b>5.0</b>	<b>-7.9</b>	<b>-44.3</b>	<b>-12.2</b>	<b>-13.7</b>	<b>-10.3</b>	<b>40.4</b>
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
<b>5. Perkhidmatan</b>	<b>-5.2</b>	<b>2.2</b>	<b>10.9</b>	<b>3.2</b>	<b>-15.9</b>	<b>-3.6</b>	<b>-4.5</b>	<b>-2.0</b>	<b>13.8</b>
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
<b>6. tambah Duti import</b>	<b>-5.2</b>	<b>2.0</b>	<b>7.3</b>	<b>-15.8</b>	<b>-17.1</b>	<b>-6.4</b>	<b>19.3</b>	<b>18.9</b>	<b>18.4</b>
<b>KDNK pada harga pembeli</b>	<b>-5.5</b>	<b>3.3</b>	<b>8.7</b>	<b>0.7</b>	<b>-16.9</b>	<b>-2.5</b>	<b>-3.2</b>	<b>-0.2</b>	<b>16.2</b>

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

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

Jenis aktiviti ekonomi	2020	2021 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Pertanian</b>	<b>5.7</b>	<b>28.0</b>	<b>7.8</b>	<b>-11.3</b>	<b>4.7</b>	<b>22.2</b>	<b>-2.6</b>	<b>-4.6</b>	<b>15.5</b>
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
<b>2. Perlombongan dan pengkuarian</b>	<b>-26.6</b>	<b>29.3</b>	<b>42.2</b>	<b>-4.7</b>	<b>-31.7</b>	<b>0.2</b>	<b>7.1</b>	<b>31.2</b>	<b>8.1</b>
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
<b>3. Pembuatan</b>	<b>-2.6</b>	<b>14.9</b>	<b>15.7</b>	<b>-5.8</b>	<b>-16.7</b>	<b>27.2</b>	<b>2.7</b>	<b>-1.0</b>	<b>1.7</b>
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	III	IV	I	II	
16.3	6.2	-10.2	14.1	-8.6	-7.9	-16.4	4.7	<b>1. Agriculture</b>
45.0	-9.1	-11.5	-25.1	28.8	-28.7	-2.8	-4.6	1.1 Rubber
21.8	19.5	-15.3	20.9	-22.4	-1.5	-32.5	3.0	1.2 Oil palm
8.6	1.0	-3.1	-3.5	12.1	-4.8	0.5	-0.8	1.3 Livestock
-0.4	-11.1	3.6	11.7	-1.6	-15.7	14.1	9.5	1.4 Other agriculture
18.0	-4.0	-21.0	13.6	32.5	-12.4	-14.6	3.4	1.5 Forestry and logging
40.4	-25.7	8.5	-2.4	31.6	-25.3	4.6	5.4	1.6 Marine fishing
22.1	-9.4	-18.8	26.3	29.9	-19.9	-21.8	23.7	1.7 Aquaculture
-11.1	17.5	25.8	11.8	-6.6	-2.7	-1.8	-8.0	<b>2. Mining and quarrying</b>
-29.8	12.6	52.5	24.4	-32.1	-9.2	13.8	1.9	2.1 Crude oil and condensate
7.9	18.8	12.0	2.8	21.8	-1.5	-10.1	-14.1	2.2 Natural gas
16.3	35.0	-12.0	-17.0	22.1	27.4	-13.3	-21.7	2.3 Other mining & quarrying and supporting services
2.7	13.3	-3.4	4.5	6.2	2.6	-6.5	-2.5	<b>3. Manufacturing</b>
-1.1	19.9	-24.0	23.8	-1.6	10.9	-23.2	-18.8	3.1 Vegetable and animal oils & fats
11.2	-7.2	-1.1	21.8	9.9	-15.1	-2.8	18.9	3.2 Food processing
-6.3	20.1	-12.0	22.7	-4.6	0.5	-14.7	24.4	3.3 Beverages
-71.5	340.2	-4.5	18.2	-39.2	27.1	26.8	24.4	3.4 Tobacco products
14.2	16.6	-2.8	-12.1	14.0	7.3	-7.0	-9.8	3.5 Textile and wearing apparel
-47.5	28.8	44.5	20.9	-20.9	-15.1	30.8	28.0	3.6 Leather and related products
0.3	23.9	2.9	-5.6	6.8	-3.4	-2.2	-3.4	3.7 Wood products
8.5	-9.2	11.9	4.7	13.2	-18.2	11.7	0.7	3.8 Paper and paper products
-3.4	42.7	-2.7	-17.1	-6.3	42.3	-4.0	-17.9	3.9 Printing and reproduction of recorded media
21.1	3.1	-1.6	2.7	25.5	-6.8	-9.4	-12.4	3.10 Refined petroleum products
19.3	7.8	-5.1	-6.4	12.9	3.6	-7.6	-7.3	3.11 Chemicals & chemical products and pharmaceutical products
-9.3	-14.5	-31.3	41.6	0.5	-11.2	-29.1	36.6	3.12 Rubber products
41.6	-19.2	-2.4	-3.7	45.6	-26.8	-9.2	2.6	3.13 Plastics products
-0.7	27.0	-0.6	-5.9	5.5	8.0	-1.3	-6.9	3.14 Non-metallic mineral products
4.6	19.8	-13.9	15.3	0.3	2.5	-14.3	16.6	3.15 Basic metals
-6.9	21.1	6.3	-1.8	-6.5	9.0	5.9	0.1	3.16 Fabricated metal products
-1.3	-3.4	43.5	-21.6	3.7	-11.5	40.8	-25.6	3.17 Machinery and equipment
-6.6	7.0	-6.6	7.6	2.1	-6.8	-7.7	5.1	3.18 Computers and peripheral equipment
-28.1	32.8	-1.1	27.7	-22.3	24.9	-13.6	26.3	3.19 Electrical equipment
4.7	17.0	8.6	-6.1	7.1	10.2	2.5	-15.2	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	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	3.22 Motor vehicles and transport equipment
-36.6	48.1	30.3	-3.5	-28.2	6.7	24.4	0.7	3.23 Furniture
12.2	40.3	-22.2	-7.1	19.7	22.5	-22.5	-5.9	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 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>4. Pembinaan</b>	<b>-18.9</b>	<b>-3.4</b>	<b>9.2</b>	<b>-4.4</b>	<b>-42.4</b>	<b>64.3</b>	<b>-4.7</b>	<b>-0.6</b>	<b>-8.3</b>
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
<b>5. Perkhidmatan</b>	<b>-4.9</b>	<b>2.9</b>	<b>13.6</b>	<b>-7.9</b>	<b>-16.6</b>	<b>19.9</b>	<b>3.7</b>	<b>-5.5</b>	<b>-2.3</b>
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
<b>6. tambah Duti import</b>	<b>-7.6</b>	<b>8.0</b>	<b>10.5</b>	<b>-15.5</b>	<b>-0.4</b>	<b>12.7</b>	<b>18.2</b>	<b>-11.6</b>	<b>10.5</b>
<b>KDNK pada harga pembeli</b>	<b>-6.2</b>	<b>9.2</b>	<b>15.7</b>	<b>-7.3</b>	<b>-17.5</b>	<b>21.6</b>	<b>2.9</b>	<b>-2.1</b>	<b>0.8</b>

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



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

Jenis aktiviti ekonomi	2020	2021 <sup>a</sup>	2022 <sup>b</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Pertanian</b>	<b>-2.4</b>	<b>-0.1</b>	<b>0.1</b>	<b>-8.1</b>	<b>8.4</b>	<b>14.4</b>	<b>-13.3</b>	<b>-6.7</b>	<b>6.6</b>
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
<b>2. Perlombongan dan pengkuarian</b>	<b>-9.7</b>	<b>0.9</b>	<b>2.6</b>	<b>-4.4</b>	<b>-16.0</b>	<b>2.9</b>	<b>9.1</b>	<b>2.5</b>	<b>-2.3</b>
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
<b>3. Pembuatan</b>	<b>-2.7</b>	<b>9.5</b>	<b>8.1</b>	<b>-6.2</b>	<b>-16.0</b>	<b>28.1</b>	<b>2.1</b>	<b>-2.9</b>	<b>-0.2</b>
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	
13.6	-8.8	-9.4	4.1	17.7	-8.9	-9.5	1.9	<b>1. Agriculture</b>
41.6	-12.6	-13.6	-22.5	42.2	-18.0	-4.3	-7.1	1.1 Rubber
12.5	-1.7	-21.1	10.1	23.0	2.5	-25.5	-0.9	1.2 Oil palm
7.8	-0.6	-5.1	-3.4	12.6	-5.3	-5.2	-0.9	1.3 Livestock
11.7	-19.2	4.2	4.9	9.1	-20.3	12.5	8.9	1.4 Other agriculture
12.3	-6.7	-17.3	9.2	21.0	-13.5	-14.5	-1.0	1.5 Forestry and logging
36.9	-21.6	7.7	-14.0	34.9	-21.5	8.1	-13.1	1.6 Marine fishing
10.9	-0.6	-21.6	26.8	16.1	-11.5	-23.4	23.5	1.7 Aquaculture
<b>-11.9</b>	<b>12.3</b>	<b>1.2</b>	<b>-1.7</b>	<b>-2.2</b>	<b>9.4</b>	<b>-2.5</b>	<b>-6.3</b>	<b>2. Mining and quarrying</b>
-13.7	5.8	1.2	1.3	-6.0	8.3	0.8	-4.1	2.1 Crude oil and condensate
-14.3	14.8	3.8	-1.2	-3.4	8.4	-2.6	-5.4	2.2 Natural gas
16.8	25.7	-12.6	-17.5	25.7	19.8	-13.6	-20.2	2.3 Other mining & quarrying and supporting services
<b>0.2</b>	<b>12.5</b>	<b>-5.1</b>	<b>2.1</b>	<b>3.8</b>	<b>3.4</b>	<b>-5.8</b>	<b>-0.9</b>	<b>3. Manufacturing</b>
-4.6	8.9	-27.8	21.1	4.7	11.2	-19.5	7.2	3.1 Vegetable and animal oils & fats
8.5	-7.9	-4.8	15.3	7.1	-9.8	-6.6	14.2	3.2 Food processing
-4.9	17.0	-12.1	24.1	-4.0	-2.5	-15.4	28.0	3.3 Beverages
-71.5	341.8	-5.4	18.6	-39.2	27.6	25.3	22.8	3.4 Tobacco products
6.2	16.2	-3.5	-12.4	7.8	7.3	-1.5	-10.0	3.5 Textile and wearing apparel
-48.1	29.0	50.9	19.7	-22.3	-15.8	37.0	21.7	3.6 Leather and related products
-0.5	24.0	-1.2	-8.7	5.9	-3.3	-2.1	-5.1	3.7 Wood products
7.7	-9.6	10.7	0.6	11.0	-17.8	12.8	0.2	3.8 Paper and paper products
-4.4	42.9	4.2	-21.6	-7.1	39.6	1.9	-19.4	3.9 Printing and reproduction of recorded media
8.4	-0.3	-6.8	2.2	16.5	-5.6	-5.4	-6.0	3.10 Refined petroleum products
15.4	6.4	-8.2	-7.0	14.3	4.1	-7.2	-5.7	3.11 Chemicals & chemical products and pharmaceutical products
-9.2	-14.2	-30.4	43.1	1.9	-10.0	-29.3	35.1	3.12 Rubber products
41.4	-20.3	-4.0	-3.7	42.9	-27.3	-8.8	2.0	3.13 Plastics products
-0.5	24.3	-1.6	-6.8	4.1	6.7	-0.1	-7.4	3.14 Non-metallic mineral products
1.1	15.9	-16.0	11.3	0.8	6.3	-14.8	14.8	3.15 Basic metals
-8.7	18.7	4.7	-4.1	-5.7	9.1	5.8	-1.1	3.16 Fabricated metal products
2.1	-2.7	37.4	-22.4	6.9	-10.9	36.7	-24.8	3.17 Machinery and equipment
3.5	7.5	-6.5	4.6	4.6	-8.3	-8.1	3.7	3.18 Computers and peripheral equipment
-29.3	31.5	-3.8	19.5	-25.0	24.6	-8.7	21.5	3.19 Electrical equipment
5.4	13.3	7.6	-7.1	5.2	5.9	1.5	-13.3	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	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	3.22 Motor vehicles and transport equipment
-37.4	50.4	29.9	-3.6	-33.5	12.2	23.8	1.1	3.23 Furniture
30.5	12.3	-24.6	1.3	37.5	-0.9	-24.4	0.3	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 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>4. Pembinaan</b>	<b>-19.3</b>	<b>-5.1</b>	<b>5.0</b>	<b>-7.5</b>	<b>-41.4</b>	<b>65.4</b>	<b>-3.7</b>	<b>-3.9</b>	<b>-8.3</b>
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
<b>5. Perkhidmatan</b>	<b>-5.2</b>	<b>2.2</b>	<b>10.9</b>	<b>-7.3</b>	<b>-16.5</b>	<b>19.6</b>	<b>3.1</b>	<b>-4.8</b>	<b>-3.0</b>
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
<b>6. tambah Duti import</b>	<b>-5.2</b>	<b>2.0</b>	<b>7.3</b>	<b>-15.4</b>	<b>2.6</b>	<b>11.9</b>	<b>22.8</b>	<b>-15.7</b>	<b>2.3</b>
<b>KDNK pada harga pembeli</b>	<b>-5.5</b>	<b>3.3</b>	<b>8.7</b>	<b>-7.0</b>	<b>-15.7</b>	<b>21.1</b>	<b>1.9</b>	<b>-4.1</b>	<b>-1.8</b>

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

**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 <sup>a</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Pertanian</b>	<b>8.2</b>	<b>9.6</b>	<b>8.9</b>	<b>6.9</b>	<b>8.7</b>	<b>8.8</b>	<b>8.3</b>	<b>8.1</b>	<b>9.3</b>
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
<b>2. Perlombongan dan pengkuarian</b>	<b>6.8</b>	<b>8.0</b>	<b>9.9</b>	<b>8.4</b>	<b>7.0</b>	<b>5.8</b>	<b>6.0</b>	<b>8.0</b>	<b>8.6</b>
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
<b>3. Pembuatan</b>	<b>22.2</b>	<b>23.4</b>	<b>23.4</b>	<b>21.6</b>	<b>21.8</b>	<b>22.8</b>	<b>22.7</b>	<b>23.0</b>	<b>23.2</b>
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	
10.7	10.1	9.1	9.9	8.8	7.9	7.0	7.4	<b>1. Agriculture</b>
0.2	0.2	0.2	0.1	0.2	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	1.2 Oil palm
1.3	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.3 Livestock
2.0	1.6	1.7	1.8	1.7	1.4	1.7	1.8	1.4 Other agriculture
0.5	0.4	0.3	0.4	0.5	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	1.6 Marine fishing
0.4	0.3	0.2	0.3	0.4	0.3	0.2	0.3	1.7 Aquaculture
7.6	7.9	10.0	10.6	9.7	9.2	9.5	8.8	<b>2. Mining and quarrying</b>
3.1	3.1	4.7	5.6	3.7	3.3	3.9	4.1	2.1 Crude oil and condensate
3.9	4.1	4.7	4.6	5.4	5.2	4.9	4.3	2.2 Natural gas
0.6	0.7	0.6	0.5	0.6	0.7	0.6	0.5	2.3 Other mining & quarrying and supporting services
23.6	23.8	23.1	22.9	23.7	23.8	23.4	23.1	<b>3. Manufacturing</b>
1.1	1.2	0.9	1.0	1.0	1.1	0.9	0.7	3.1 Vegetable and animal oils & fats
1.7	1.4	1.4	1.6	1.8	1.5	1.5	1.8	3.2 Food processing
0.3	0.3	0.3	0.4	0.3	0.3	0.3	0.4	3.3 Beverages
0.1	0.2	0.2	0.2	0.1	0.2	0.2	0.3	3.4 Tobacco products
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	3.6 Leather and related products
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	3.8 Paper and paper products
0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.2	3.9 Printing and reproduction of recorded media
4.0	3.7	3.6	3.6	4.3	4.0	3.8	3.3	3.10 Refined petroleum products
2.6	2.4	2.3	2.1	2.3	2.3	2.2	2.1	3.11 Chemicals & chemical products and pharmaceutical products
1.2	0.9	0.7	0.9	0.9	0.7	0.6	0.8	3.12 Rubber products
1.0	0.7	0.7	0.6	0.9	0.6	0.6	0.6	3.13 Plastics products
0.6	0.7	0.7	0.6	0.6	0.6	0.7	0.6	3.14 Non-metallic mineral products
0.7	0.7	0.6	0.7	0.7	0.7	0.6	0.7	3.15 Basic metals
0.9	1.0	1.1	1.0	0.9	1.0	1.1	1.1	3.16 Fabricated metal products
0.7	0.6	0.8	0.6	0.6	0.5	0.8	0.6	3.17 Machinery and equipment
0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	3.18 Computers and peripheral equipment
0.5	0.5	0.5	0.7	0.5	0.6	0.6	0.7	3.19 Electrical equipment
4.5	4.7	5.1	4.5	4.7	5.1	5.5	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	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	3.22 Motor vehicles and transport equipment
0.2	0.3	0.4	0.3	0.2	0.2	0.3	0.3	3.23 Furniture
0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.2	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 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>4. Pembinaan</b>	<b>4.1</b>	<b>3.6</b>	<b>3.4</b>	<b>4.6</b>	<b>3.2</b>	<b>4.3</b>	<b>4.0</b>	<b>4.1</b>	<b>3.7</b>
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
<b>5. Perkhidmatan</b>	<b>57.6</b>	<b>54.3</b>	<b>53.4</b>	<b>57.5</b>	<b>58.1</b>	<b>57.3</b>	<b>57.7</b>	<b>55.7</b>	<b>54.0</b>
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
<b>6. tambah Duti import</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>	<b>1.0</b>	<b>1.2</b>	<b>1.1</b>	<b>1.2</b>	<b>1.1</b>	<b>1.2</b>
<b>KDNK pada harga pembeli</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

2021		2022				2023		Kind of economic activity
III	IV	I	II	III	IV	I	II	
3.4	3.3	3.5	3.3	3.4	3.3	3.6	3.7	4. Construction
0.7	0.7	0.8	0.7	0.7	0.6	0.7	0.7	4.1 Residential buildings
0.7	0.9	0.8	0.8	0.8	0.9	0.8	0.9	4.2 Non-residential buildings
1.1	0.8	1.0	1.0	1.1	0.9	1.1	1.1	4.3 Civil engineering
0.9	0.9	0.9	0.9	0.9	0.9	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	5. Services
2.1	2.0	1.9	1.9	1.9	1.8	1.8	1.9	5.1 Electricity and gas
0.7	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	5.3 Wholesale trade
7.2	7.8	7.6	7.7	7.9	8.7	8.5	8.4	5.4 Retail trade
0.9	1.8	1.6	1.5	1.8	1.8	1.8	1.7	5.5 Motor vehicles
2.2	2.3	2.6	2.5	2.6	2.5	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	5.7 Accommodation
2.9	3.1	3.5	3.4	3.4	3.6	4.0	3.9	5.8 Transportation and storage
6.5	5.8	5.9	5.7	5.6	5.5	5.9	6.0	5.9 Information and communication
5.1	4.7	4.7	4.6	4.6	4.5	4.6	4.6	5.10 Finance
1.8	1.8	1.8	1.4	1.4	1.5	1.7	1.2	5.11 Insurance
1.1	1.0	1.3	1.3	1.3	1.2	1.3	1.3	5.12 Real estate
2.4	2.4	2.6	2.7	2.7	2.7	2.9	3.0	5.13 Business services
0.8	0.8	0.8	0.7	0.7	0.7	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	5.15 Private education services
2.7	2.7	2.8	2.7	2.7	2.6	2.8	2.9	5.16 Other services
9.0	8.7	8.1	7.6	7.8	8.3	8.1	8.2	5.17 Government services
1.0	1.1	1.0	1.1	1.0	1.1	1.0	1.2	6. plus import duties
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	GDP at purchasers' prices



**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 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Pertanian</b>	<b>7.4</b>	<b>7.1</b>	<b>6.6</b>	<b>6.5</b>	<b>8.4</b>	<b>7.9</b>	<b>6.8</b>	<b>6.6</b>	<b>7.1</b>
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
<b>2. Perlombongan dan pengkuarian</b>	<b>6.9</b>	<b>6.7</b>	<b>6.4</b>	<b>7.4</b>	<b>7.4</b>	<b>6.3</b>	<b>6.7</b>	<b>7.2</b>	<b>7.1</b>
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
<b>3. Pembuatan</b>	<b>22.8</b>	<b>24.2</b>	<b>24.1</b>	<b>22.2</b>	<b>22.1</b>	<b>23.4</b>	<b>23.5</b>	<b>23.8</b>	<b>24.1</b>
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	
<b>8.1</b>	<b>6.7</b>	<b>6.3</b>	<b>6.4</b>	<b>7.2</b>	<b>6.3</b>	<b>6.0</b>	<b>6.2</b>	<b>1. Agriculture</b>
0.2	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	1.2 Oil palm
1.3	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.3 Livestock
2.4	1.8	1.9	2.0	2.0	1.6	1.8	2.0	1.4 Other agriculture
0.4	0.4	0.3	0.3	0.4	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	1.6 Marine fishing
0.3	0.3	0.2	0.3	0.3	0.3	0.2	0.3	1.7 Aquaculture
<b>6.3</b>	<b>6.4</b>	<b>6.7</b>	<b>6.4</b>	<b>6.0</b>	<b>6.4</b>	<b>6.5</b>	<b>6.1</b>	<b>2. Mining and quarrying</b>
2.5	2.4	2.5	2.4	2.2	2.3	2.4	2.3	2.1 Crude oil and condensate
3.3	3.4	3.6	3.5	3.2	3.4	3.5	3.3	2.2 Natural gas
0.6	0.7	0.6	0.5	0.6	0.7	0.6	0.5	2.3 Other mining & quarrying and supporting services
<b>24.2</b>	<b>24.7</b>	<b>24.2</b>	<b>24.2</b>	<b>24.0</b>	<b>24.0</b>	<b>23.6</b>	<b>23.6</b>	<b>3. Manufacturing</b>
0.9	0.9	0.6	0.8	0.8	0.8	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	3.2 Food processing
0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.4	3.3 Beverages
0.1	0.3	0.2	0.3	0.2	0.2	0.3	0.3	3.4 Tobacco products
0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.3	3.5 Textile and wearing apparel
0.0	0.0	0.1	0.1	0.1	0.0	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	3.7 Wood products
0.4	0.3	0.4	0.4	0.4	0.3	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	3.9 Printing and reproduction of recorded media
3.1	2.8	2.7	2.7	3.0	2.7	2.7	2.6	3.10 Refined petroleum products
2.7	2.6	2.5	2.3	2.5	2.5	2.4	2.3	3.11 Chemicals & chemical products and pharmaceutical products
1.2	0.9	0.7	0.9	0.9	0.8	0.6	0.8	3.12 Rubber products
1.1	0.8	0.8	0.7	1.0	0.7	0.7	0.7	3.13 Plastics products
0.7	0.8	0.8	0.8	0.7	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	3.15 Basic metals
1.0	1.1	1.2	1.1	1.0	1.0	1.2	1.1	3.16 Fabricated metal products
0.8	0.7	1.0	0.8	0.8	0.7	1.0	0.7	3.17 Machinery and equipment
0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	3.18 Computers and peripheral equipment
0.4	0.5	0.5	0.6	0.4	0.5	0.5	0.6	3.19 Electrical equipment
5.3	5.5	6.1	5.5	5.6	5.7	6.1	5.3	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	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	3.22 Motor vehicles and transport equipment
0.2	0.3	0.4	0.4	0.3	0.3	0.4	0.4	3.23 Furniture
0.4	0.4	0.3	0.3	0.4	0.3	0.3	0.3	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 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>4. Pembinaan</b>	<b>4.0</b>	<b>3.7</b>	<b>3.5</b>	<b>4.5</b>	<b>3.1</b>	<b>4.2</b>	<b>4.0</b>	<b>4.0</b>	<b>3.7</b>
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
<b>5. Perkhidmatan</b>	<b>57.8</b>	<b>57.1</b>	<b>58.3</b>	<b>58.4</b>	<b>57.8</b>	<b>57.1</b>	<b>57.8</b>	<b>57.4</b>	<b>56.7</b>
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
<b>6. tambah Duti import</b>	<b>1.1</b>	<b>1.1</b>	<b>1.1</b>	<b>1.0</b>	<b>1.2</b>	<b>1.1</b>	<b>1.3</b>	<b>1.2</b>	<b>1.2</b>
<b>KDNK pada harga pembeli</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

2021		2022				2023		
III	IV	I	II	III	IV	I	II	Kind of economic activity
3.5	3.4	3.6	3.5	3.5	3.5	3.7	3.6	4. Construction
0.7	0.7	0.8	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	4.2 Non-residential buildings
1.1	0.8	1.0	0.9	1.0	0.9	1.1	1.0	4.3 Civil engineering
1.0	0.9	1.0	1.0	1.0	0.9	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	5. Services
2.2	2.1	2.1	2.1	2.1	2.0	2.0	2.1	5.1 Electricity and gas
0.7	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	5.3 Wholesale trade
7.3	8.0	8.0	8.4	8.2	8.9	8.6	8.5	5.4 Retail trade
1.0	2.0	1.7	1.7	2.0	2.0	1.8	1.7	5.5 Motor vehicles
2.0	2.1	2.4	2.4	2.3	2.2	2.4	2.4	5.6 Food and beverage
0.2	0.4	0.5	0.5	0.6	0.7	0.7	0.7	5.7 Accommodation
2.9	3.3	3.7	3.7	3.6	3.8	4.1	4.1	5.8 Transportation and storage
7.1	6.5	6.8	6.7	6.5	6.3	6.7	6.8	5.9 Information and communication
5.6	5.2	5.3	5.4	5.3	5.1	5.2	5.1	5.10 Finance
2.0	2.0	2.1	1.7	1.7	1.8	2.0	1.4	5.11 Insurance
1.1	1.0	1.4	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	5.13 Business services
0.8	0.7	0.8	0.7	0.7	0.7	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	5.15 Private education services
2.8	2.9	3.1	3.0	3.0	2.9	3.1	3.1	5.16 Other services
9.8	9.6	9.2	9.0	9.0	9.4	9.1	9.2	5.17 Government services
1.0	1.1	1.1	1.2	1.1	1.1	1.1	1.2	6. plus import duties
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 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Perbelanjaan penggunaan akhir swasta</b>	<b>865,450</b>	<b>897,573</b>	<b>1,031,759</b>	<b>232,652</b>	<b>179,331</b>	<b>230,700</b>	<b>222,768</b>	<b>229,303</b>	<b>204,863</b>
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
<b>2. Perbelanjaan penggunaan akhir kerajaan</b>	<b>183,869</b>	<b>196,941</b>	<b>208,887</b>	<b>41,520</b>	<b>40,449</b>	<b>44,729</b>	<b>57,170</b>	<b>44,612</b>	<b>45,456</b>
<b>3. Pembentukan modal tetap kasar</b>	<b>296,663</b>	<b>298,437</b>	<b>326,269</b>	<b>80,740</b>	<b>64,494</b>	<b>77,344</b>	<b>74,085</b>	<b>78,625</b>	<b>76,569</b>
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
<b>4. Perubahan inventori dan barangan berharga*</b>	<b>-17,816</b>	<b>43,974</b>	<b>94,811</b>	<b>-7,988</b>	<b>7,556</b>	<b>-13,738</b>	<b>-3,647</b>	<b>-3,252</b>	<b>22,266</b>
<b>5. Eksport barangan dan perkhidmatan</b>	<b>873,477</b>	<b>1,093,895</b>	<b>1,378,452</b>	<b>224,437</b>	<b>184,094</b>	<b>226,586</b>	<b>238,360</b>	<b>246,246</b>	<b>264,782</b>
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
<b>6. tolak import barangan dan perkhidmatan</b>	<b>783,152</b>	<b>981,922</b>	<b>1,248,820</b>	<b>204,102</b>	<b>172,800</b>	<b>196,872</b>	<b>209,379</b>	<b>224,025</b>	<b>239,471</b>
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
<b>Perbelanjaan atas KDNK pada harga pembeli</b>	<b>1,418,491</b>	<b>1,548,898</b>	<b>1,791,358</b>	<b>367,259</b>	<b>303,124</b>	<b>368,749</b>	<b>379,358</b>	<b>371,510</b>	<b>374,464</b>

\* Termasuk perbezaan statistik

2021		2022				2023		Type of expenditure
III	IV	I	II	III	IV	I	II	
<b>226,496</b>	<b>236,912</b>	<b>246,570</b>	<b>248,068</b>	<b>271,804</b>	<b>265,317</b>	<b>268,962</b>	<b>262,456</b>	<b>1. Private final consumption expenditure</b>
65,538	60,764	63,569	66,105	74,831	68,527	70,334	70,819	1.1 Food and non-alcoholic beverages
7,124	7,370	6,843	6,850	9,009	8,863	7,903	7,420	1.2 Clothing and footwear
36,914	35,666	37,491	38,390	41,020	39,542	41,488	41,522	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	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	1.5 Transport
21,946	22,449	23,871	24,266	24,324	24,219	25,307	25,357	1.6 Communication
6,573	7,972	7,105	6,445	11,904	11,716	7,607	6,783	1.7 Recreation services and culture
15,574	19,547	20,762	23,689	23,863	24,254	24,219	26,591	1.8 Restaurants and hotels
43,060	42,832	44,088	42,766	42,775	42,490	43,993	41,537	1.9 Others
<b>45,938</b>	<b>60,935</b>	<b>48,006</b>	<b>47,152</b>	<b>49,633</b>	<b>64,097</b>	<b>47,968</b>	<b>49,442</b>	<b>2. Government final consumption expenditure</b>
<b>69,316</b>	<b>73,927</b>	<b>80,702</b>	<b>82,889</b>	<b>80,443</b>	<b>82,236</b>	<b>86,258</b>	<b>89,272</b>	<b>3. Gross fixed capital formation</b>
								3.1 Type of assets
34,044	36,953	41,853	43,372	40,798	41,566	45,795	47,081	3.1.1 Structure
28,450	30,772	32,801	32,116	32,271	34,213	34,323	34,019	3.1.2 Machinery and equipment
6,822	6,202	6,047	7,401	7,374	6,456	6,140	8,173	3.1.3 Other asset
								3.2 Sector
13,515	25,895	15,250	13,387	15,652	28,041	16,442	14,760	3.2.1 Public
55,801	48,033	65,452	69,502	64,790	54,195	69,817	74,512	3.2.2 Private
<b>9,401</b>	<b>15,560</b>	<b>21,109</b>	<b>44,422</b>	<b>19,032</b>	<b>10,247</b>	<b>13,924</b>	<b>19,738</b>	<b>4. Changes in inventories and valuables*</b>
<b>274,844</b>	<b>308,023</b>	<b>305,150</b>	<b>343,551</b>	<b>368,634</b>	<b>361,117</b>	<b>302,469</b>	<b>302,651</b>	<b>5. Exports of goods and services</b>
253,198	284,024	280,650	311,465	328,789	317,275	261,465	254,878	5.1 Exports of goods
21,646	23,999	24,500	32,086	39,845	43,842	41,004	47,773	5.2 Exports of services
<b>247,817</b>	<b>270,609</b>	<b>279,234</b>	<b>321,494</b>	<b>332,549</b>	<b>315,544</b>	<b>275,423</b>	<b>284,456</b>	<b>6. less Imports of goods and services</b>
208,280	228,787	236,479	274,589	281,529	259,553	221,588	225,396	6.1 Imports of goods
39,537	41,822	42,755	46,905	51,019	55,991	53,835	59,060	6.2 Imports of services
<b>378,178</b>	<b>424,747</b>	<b>422,303</b>	<b>444,588</b>	<b>456,997</b>	<b>467,470</b>	<b>444,159</b>	<b>439,103</b>	<b>Expenditure on GDP at purchasers' prices</b>

\* 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 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Perbelanjaan penggunaan akhir swasta</b>	<b>802,747</b>	<b>817,756</b>	<b>908,974</b>	<b>213,285</b>	<b>166,551</b>	<b>214,653</b>	<b>208,258</b>	<b>209,899</b>	<b>185,946</b>
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
<b>2. Perbelanjaan penggunaan akhir kerajaan</b>	<b>179,721</b>	<b>191,268</b>	<b>199,943</b>	<b>40,624</b>	<b>39,709</b>	<b>43,587</b>	<b>55,801</b>	<b>43,448</b>	<b>44,201</b>
<b>3. Pembentukan modal tetap kasar</b>	<b>281,175</b>	<b>278,982</b>	<b>297,816</b>	<b>76,020</b>	<b>61,358</b>	<b>72,873</b>	<b>70,924</b>	<b>73,623</b>	<b>71,446</b>
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
<b>4. Perubahan inventori dan barangan berharga*</b>	<b>-4,464</b>	<b>19,060</b>	<b>21,465</b>	<b>-3,317</b>	<b>10,222</b>	<b>-10,012</b>	<b>-1,357</b>	<b>-2,340</b>	<b>15,833</b>
<b>5. Eksport barangan dan perkhidmatan</b>	<b>830,157</b>	<b>984,094</b>	<b>1,126,661</b>	<b>208,782</b>	<b>175,905</b>	<b>219,086</b>	<b>226,383</b>	<b>233,326</b>	<b>240,971</b>
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
<b>6. tolak import barangan dan perkhidmatan</b>	<b>743,087</b>	<b>900,516</b>	<b>1,043,918</b>	<b>190,703</b>	<b>163,061</b>	<b>188,050</b>	<b>201,273</b>	<b>213,952</b>	<b>220,628</b>
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
<b>Perbelanjaan atas KDNK pada harga pembeli</b>	<b>1,346,249</b>	<b>1,390,644</b>	<b>1,510,939</b>	<b>344,690</b>	<b>290,686</b>	<b>352,137</b>	<b>358,736</b>	<b>344,005</b>	<b>337,770</b>

\* Termasuk perbezaan statistik

2021		2022				2023		Type of expenditure
III	IV	I	II	III	IV	I	II	
<b>205,904</b>	<b>216,007</b>	<b>221,127</b>	<b>219,889</b>	<b>236,283</b>	<b>231,675</b>	<b>234,126</b>	<b>229,364</b>	<b>1. Private final consumption expenditure</b>
55,912	51,495	53,309	54,049	59,713	54,298	55,112	55,546	1.1 Food and non-alcoholic beverages
7,408	7,599	7,143	6,979	9,049	9,132	8,209	7,534	1.2 Clothing and footwear
33,472	31,857	33,819	33,751	35,545	35,029	36,821	35,879	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	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	1.5 Transport
21,389	21,997	23,566	23,690	23,704	23,731	25,274	25,375	1.6 Communication
6,041	7,460	6,689	5,911	10,637	10,647	7,013	6,102	1.7 Recreation services and culture
13,524	16,841	17,926	19,367	19,378	19,537	19,563	20,347	1.8 Restaurants and hotels
39,775	39,628	39,861	38,266	37,879	36,432	39,774	38,873	1.9 Others
<b>44,707</b>	<b>58,911</b>	<b>46,434</b>	<b>45,223</b>	<b>47,596</b>	<b>60,690</b>	<b>45,431</b>	<b>46,922</b>	<b>2. Government final consumption expenditure</b>
<b>65,078</b>	<b>68,835</b>	<b>73,732</b>	<b>75,562</b>	<b>73,626</b>	<b>74,895</b>	<b>77,324</b>	<b>79,741</b>	<b>3. Gross fixed capital formation</b>
								3.1 Type of assets
30,961	33,945	37,095	37,682	36,123	37,317	39,885	39,942	3.1.1 Structure
27,973	29,359	31,123	31,174	30,951	31,881	31,940	32,533	3.1.2 Machinery and equipment
6,144	5,531	5,514	6,706	6,552	5,697	5,498	7,265	3.1.3 Other asset
								3.2 Sector
12,842	23,291	14,206	12,583	14,518	24,678	15,010	13,571	3.2.1 Public
52,236	45,544	59,526	62,980	59,107	50,217	62,314	66,170	3.2.2 Private
<b>2,430</b>	<b>3,137</b>	<b>5,544</b>	<b>12,337</b>	<b>3,200</b>	<b>384</b>	<b>2,832</b>	<b>7,999</b>	<b>4. Changes in inventories and valuables*</b>
<b>243,357</b>	<b>266,440</b>	<b>262,090</b>	<b>279,313</b>	<b>295,779</b>	<b>289,478</b>	<b>253,500</b>	<b>253,154</b>	<b>5. Exports of goods and services</b>
225,670	246,757	241,618	252,205	264,141	254,874	221,112	214,814	5.1 Exports of goods
17,687	19,682	20,472	27,108	31,638	34,605	32,388	38,339	5.2 Exports of services
<b>224,190</b>	<b>241,746</b>	<b>248,324</b>	<b>264,879</b>	<b>271,599</b>	<b>259,116</b>	<b>232,247</b>	<b>239,253</b>	<b>6. less Imports of goods and services</b>
190,441	206,925	212,954	227,252	229,751	214,875	190,064	193,486	6.1 Imports of goods
33,749	34,821	35,371	37,627	41,849	44,241	42,183	45,766	6.2 Imports of services
<b>337,286</b>	<b>371,583</b>	<b>360,603</b>	<b>367,444</b>	<b>384,884</b>	<b>398,008</b>	<b>380,966</b>	<b>377,927</b>	<b>Expenditure on GDP at purchasers' prices</b>

\* Includes statistical discrepancy



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

Jenis perbelanjaan	2020	2021 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Perbelanjaan penggunaan akhir swasta</b>	<b>-4.3</b>	<b>3.7</b>	<b>14.9</b>	<b>8.1</b>	<b>-18.7</b>	<b>-2.2</b>	<b>-4.1</b>	<b>-1.4</b>	<b>14.2</b>
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
<b>2. Perbelanjaan penggunaan akhir kerajaan</b>	<b>4.3</b>	<b>7.1</b>	<b>6.1</b>	<b>5.4</b>	<b>0.1</b>	<b>8.7</b>	<b>3.3</b>	<b>7.4</b>	<b>12.4</b>
<b>3. Pembentukan modal tetap kasar</b>	<b>-14.5</b>	<b>0.6</b>	<b>9.3</b>	<b>-4.3</b>	<b>-29.7</b>	<b>-10.6</b>	<b>-12.1</b>	<b>-2.6</b>	<b>18.7</b>
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
<b>4. Perubahan inventori dan barangan berharga*</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>
<b>5. Eksport barangan dan perkhidmatan</b>	<b>-11.5</b>	<b>25.2</b>	<b>26.0</b>	<b>-6.5</b>	<b>-24.7</b>	<b>-9.1</b>	<b>-6.0</b>	<b>9.7</b>	<b>43.8</b>
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
<b>6. tolak import barangan dan perkhidmatan</b>	<b>-10.4</b>	<b>25.4</b>	<b>27.2</b>	<b>-1.9</b>	<b>-21.3</b>	<b>-10.9</b>	<b>-6.9</b>	<b>9.8</b>	<b>38.6</b>
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
<b>Perbelanjaan atas KDNK pada harga pembeli</b>	<b>-6.2</b>	<b>9.2</b>	<b>15.7</b>	<b>1.3</b>	<b>-18.4</b>	<b>-3.5</b>	<b>-4.3</b>	<b>1.2</b>	<b>23.5</b>

\* Termasuk perbezaan statistik

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

\* Includes statistical discrepancy

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

Jenis perbelanjaan	2020	2021 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Perbelanjaan penggunaan akhir swasta</b>	<b>-3.9</b>	<b>1.9</b>	<b>11.2</b>	<b>7.2</b>	<b>-18.2</b>	<b>-1.7</b>	<b>-3.1</b>	<b>-1.6</b>	<b>11.6</b>
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
<b>2. Perbelanjaan penggunaan akhir kerajaan</b>	<b>4.1</b>	<b>6.4</b>	<b>4.5</b>	<b>5.4</b>	<b>0.6</b>	<b>7.9</b>	<b>2.9</b>	<b>7.0</b>	<b>11.3</b>
<b>3. Pembentukan modal tetap kasar</b>	<b>-14.4</b>	<b>-0.8</b>	<b>6.8</b>	<b>-4.4</b>	<b>-29.0</b>	<b>-11.4</b>	<b>-11.7</b>	<b>-3.2</b>	<b>16.4</b>
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
<b>4. Perubahan inventori dan barangan berharga*</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>
<b>5. Eksport barangan dan perkhidmatan</b>	<b>-8.6</b>	<b>18.5</b>	<b>14.5</b>	<b>-7.0</b>	<b>-21.5</b>	<b>-4.2</b>	<b>-1.9</b>	<b>11.8</b>	<b>37.0</b>
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
<b>6. tolak Import barangan dan perkhidmatan</b>	<b>-7.9</b>	<b>21.2</b>	<b>15.9</b>	<b>-1.9</b>	<b>-18.5</b>	<b>-7.8</b>	<b>-3.4</b>	<b>12.2</b>	<b>35.3</b>
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
<b>Perbelanjaan atas KDNK pada harga pembeli</b>	<b>-5.5</b>	<b>3.3</b>	<b>8.7</b>	<b>0.7</b>	<b>-16.9</b>	<b>-2.5</b>	<b>-3.2</b>	<b>-0.2</b>	<b>16.2</b>

\* Termasuk perbezaan statistik

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

\* 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 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Perbelanjaan penggunaan akhir swasta</b>	<b>-4.3</b>	<b>3.7</b>	<b>14.9</b>	<b>0.1</b>	<b>-22.9</b>	<b>28.6</b>	<b>-3.4</b>	<b>2.9</b>	<b>-10.7</b>
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
<b>2. Perbelanjaan penggunaan akhir kerajaan</b>	<b>4.3</b>	<b>7.1</b>	<b>6.1</b>	<b>-24.9</b>	<b>-2.6</b>	<b>10.6</b>	<b>27.8</b>	<b>-22.0</b>	<b>1.9</b>
<b>3. Pembentukan modal tetap kasar</b>	<b>-14.5</b>	<b>0.6</b>	<b>9.3</b>	<b>-4.2</b>	<b>-20.1</b>	<b>19.9</b>	<b>-4.2</b>	<b>6.1</b>	<b>-2.6</b>
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
<b>4. Perubahan inventori dan barangan berharga*</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>
<b>5. Eksport barangan dan perkhidmatan</b>	<b>-11.5</b>	<b>25.2</b>	<b>26.0</b>	<b>-11.5</b>	<b>-18.0</b>	<b>23.1</b>	<b>5.2</b>	<b>3.3</b>	<b>7.5</b>
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
<b>6. tolak import barangan dan perkhidmatan</b>	<b>-10.4</b>	<b>25.4</b>	<b>27.2</b>	<b>-9.3</b>	<b>-15.3</b>	<b>13.9</b>	<b>6.4</b>	<b>7.0</b>	<b>6.9</b>
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
<b>Perbelanjaan atas KDNK pada harga pembeli</b>	<b>-6.2</b>	<b>9.2</b>	<b>15.7</b>	<b>-7.3</b>	<b>-17.5</b>	<b>21.6</b>	<b>2.9</b>	<b>-2.1</b>	<b>0.8</b>

\* Termasuk perbezaan statistik

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

\* Includes statistical discrepancy

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

Jenis perbelanjaan	2020	2021 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Perbelanjaan penggunaan akhir swasta</b>	<b>-3.9</b>	<b>1.9</b>	<b>11.2</b>	<b>-0.7</b>	<b>-21.9</b>	<b>28.9</b>	<b>-3.0</b>	<b>0.8</b>	<b>-11.4</b>
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
<b>2. Perbelanjaan penggunaan akhir kerajaan</b>	<b>4.1</b>	<b>6.4</b>	<b>4.5</b>	<b>-25.1</b>	<b>-2.3</b>	<b>9.8</b>	<b>28.0</b>	<b>-22.1</b>	<b>1.7</b>
<b>3. Pembentukan modal tetap kasar</b>	<b>-14.4</b>	<b>-0.8</b>	<b>6.8</b>	<b>-5.4</b>	<b>-19.3</b>	<b>18.8</b>	<b>-2.7</b>	<b>3.8</b>	<b>-3.0</b>
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
<b>4. Perubahan inventori dan barangan berharga*</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>
<b>5. Eksport barangan dan perkhidmatan</b>	<b>-8.6</b>	<b>18.5</b>	<b>14.5</b>	<b>-9.5</b>	<b>-15.7</b>	<b>24.5</b>	<b>3.3</b>	<b>3.1</b>	<b>3.3</b>
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
<b>6. tolak Import barangan dan perkhidmatan</b>	<b>-7.9</b>	<b>21.2</b>	<b>15.9</b>	<b>-8.4</b>	<b>-14.5</b>	<b>15.3</b>	<b>7.0</b>	<b>6.3</b>	<b>3.1</b>
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
<b>Perbelanjaan atas KDNK pada harga pembeli</b>	<b>-5.5</b>	<b>3.3</b>	<b>8.7</b>	<b>-7.0</b>	<b>-15.7</b>	<b>21.1</b>	<b>1.9</b>	<b>-4.1</b>	<b>-1.8</b>

\* Termasuk perbezaan statistik

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

\* 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 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Perbelanjaan penggunaan akhir swasta</b>	<b>61.0</b>	<b>57.9</b>	<b>57.6</b>	<b>63.3</b>	<b>59.2</b>	<b>62.6</b>	<b>58.7</b>	<b>61.7</b>	<b>54.7</b>
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
<b>2. Perbelanjaan penggunaan akhir kerajaan</b>	<b>13.0</b>	<b>12.7</b>	<b>11.7</b>	<b>11.3</b>	<b>13.3</b>	<b>12.1</b>	<b>15.1</b>	<b>12.0</b>	<b>12.1</b>
<b>3. Pembentukan modal tetap kasar</b>	<b>20.9</b>	<b>19.3</b>	<b>18.2</b>	<b>22.0</b>	<b>21.3</b>	<b>21.0</b>	<b>19.5</b>	<b>21.2</b>	<b>20.4</b>
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
<b>4. Perubahan inventori dan barangan berharga*</b>	<b>-1.3</b>	<b>2.8</b>	<b>5.3</b>	<b>-2.2</b>	<b>2.5</b>	<b>-3.7</b>	<b>-1.0</b>	<b>-0.9</b>	<b>5.9</b>
<b>5. Eksport barangan dan perkhidmatan</b>	<b>61.6</b>	<b>70.6</b>	<b>77.0</b>	<b>61.1</b>	<b>60.7</b>	<b>61.4</b>	<b>62.8</b>	<b>66.3</b>	<b>70.7</b>
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
<b>6. tolak import barangan dan perkhidmatan</b>	<b>55.2</b>	<b>63.4</b>	<b>69.7</b>	<b>55.6</b>	<b>57.0</b>	<b>53.4</b>	<b>55.2</b>	<b>60.3</b>	<b>64.0</b>
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
<b>Perbelanjaan atas KDNK pada harga pembeli</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

\* Termasuk perbezaan statistik

2021		2022				2023		
III	IV	I	II	III	IV	I	II	Type of expenditure
<b>59.9</b>	<b>55.8</b>	<b>58.4</b>	<b>55.8</b>	<b>59.5</b>	<b>56.8</b>	<b>60.6</b>	<b>59.8</b>	<b>1. Private final consumption expenditure</b>
17.3	14.3	15.1	14.9	16.4	14.7	15.8	16.1	1.1 Food and non-alcoholic beverages
1.9	1.7	1.6	1.5	2.0	1.9	1.8	1.7	1.2 Clothing and footwear
9.8	8.4	8.9	8.6	9.0	8.5	9.3	9.5	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	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	1.5 Transport
5.8	5.3	5.7	5.5	5.3	5.2	5.7	5.8	1.6 Communication
1.7	1.9	1.7	1.4	2.6	2.5	1.7	1.5	1.7 Recreation services and culture
4.1	4.6	4.9	5.3	5.2	5.2	5.5	6.1	1.8 Restaurants and hotels
11.4	10.1	10.4	9.6	9.4	9.1	9.9	9.5	1.9 Others
<b>12.1</b>	<b>14.3</b>	<b>11.4</b>	<b>10.6</b>	<b>10.9</b>	<b>13.7</b>	<b>10.8</b>	<b>11.3</b>	<b>2. Government final consumption expenditure</b>
<b>18.3</b>	<b>17.4</b>	<b>19.1</b>	<b>18.6</b>	<b>17.6</b>	<b>17.6</b>	<b>19.4</b>	<b>20.3</b>	<b>3. Gross fixed capital formation</b>
								3.1 Type of assets
9.0	8.7	9.9	9.8	8.9	8.9	10.3	10.7	3.1.1 Structure
7.5	7.2	7.8	7.2	7.1	7.3	7.7	7.7	3.1.2 Machinery and equipment
1.8	1.5	1.4	1.7	1.6	1.4	1.4	1.9	3.1.3 Other asset
								3.2 Sector
3.6	6.1	3.6	3.0	3.4	6.0	3.7	3.4	3.2.1 Public
14.8	11.3	15.5	15.6	14.2	11.6	15.7	17.0	3.2.2 Private
<b>2.5</b>	<b>3.7</b>	<b>5.0</b>	<b>10.0</b>	<b>4.2</b>	<b>2.2</b>	<b>3.1</b>	<b>4.5</b>	<b>4. Changes in inventories and valuables*</b>
<b>72.7</b>	<b>72.5</b>	<b>72.3</b>	<b>77.3</b>	<b>80.7</b>	<b>77.2</b>	<b>68.1</b>	<b>68.9</b>	<b>5. Exports of goods and services</b>
67.0	66.9	66.5	70.1	71.9	67.9	58.9	58.0	5.1 Exports of goods
5.7	5.7	5.8	7.2	8.7	9.4	9.2	10.9	5.2 Exports of services
<b>65.5</b>	<b>63.7</b>	<b>66.1</b>	<b>72.3</b>	<b>72.8</b>	<b>67.5</b>	<b>62.0</b>	<b>64.8</b>	<b>6. less Imports of goods and services</b>
55.1	53.9	56.0	61.8	61.6	55.5	49.9	51.3	6.1 Imports of goods
10.5	9.8	10.1	10.6	11.2	12.0	12.1	13.5	6.2 Imports of services
<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>Expenditure on GDP at purchasers' prices</b>

\* 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 <sup>o</sup>	2022 <sup>p</sup>	2020				2021	
				I	II	III	IV	I	II
<b>1. Perbelanjaan penggunaan akhir swasta</b>	<b>59.6</b>	<b>58.8</b>	<b>60.2</b>	<b>61.9</b>	<b>57.3</b>	<b>61.0</b>	<b>58.1</b>	<b>61.0</b>	<b>55.1</b>
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
<b>2. Perbelanjaan penggunaan akhir kerajaan</b>	<b>13.3</b>	<b>13.8</b>	<b>13.2</b>	<b>11.8</b>	<b>13.7</b>	<b>12.4</b>	<b>15.6</b>	<b>12.6</b>	<b>13.1</b>
<b>3. Pembentukan modal tetap kasar</b>	<b>20.9</b>	<b>20.1</b>	<b>19.7</b>	<b>22.1</b>	<b>21.1</b>	<b>20.7</b>	<b>19.8</b>	<b>21.4</b>	<b>21.2</b>
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
<b>4. Perubahan inventori dan barangan berharga*</b>	<b>-0.3</b>	<b>1.4</b>	<b>1.4</b>	<b>-1.0</b>	<b>3.5</b>	<b>-2.8</b>	<b>-0.4</b>	<b>-0.7</b>	<b>4.7</b>
<b>5. Eksport barangan dan perkhidmatan</b>	<b>61.7</b>	<b>70.8</b>	<b>74.6</b>	<b>60.6</b>	<b>60.5</b>	<b>62.2</b>	<b>63.1</b>	<b>67.8</b>	<b>71.3</b>
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
<b>6. tolak import barangan dan perkhidmatan</b>	<b>55.2</b>	<b>64.8</b>	<b>69.1</b>	<b>55.3</b>	<b>56.1</b>	<b>53.4</b>	<b>56.1</b>	<b>62.2</b>	<b>65.3</b>
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
<b>Perbelanjaan atas KDNK pada harga pembeli</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

\* Termasuk perbezaan statistik

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

\* Includes statistical discrepancy

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**KONSEP DAN DEFINISI****PENGENALAN**

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

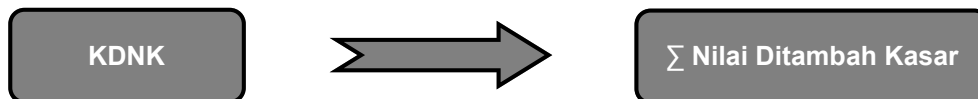
KDNK boleh diukur dengan menggunakan tiga kaedah iaitu Kaedah Pengeluaran, Perbelanjaan dan Pendapatan. Namun begitu, penerbitan ini hanya menggunakan Kaedah Pengeluaran dan Perbelanjaan sahaja.

**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.

## **PENGGUNAAN 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**

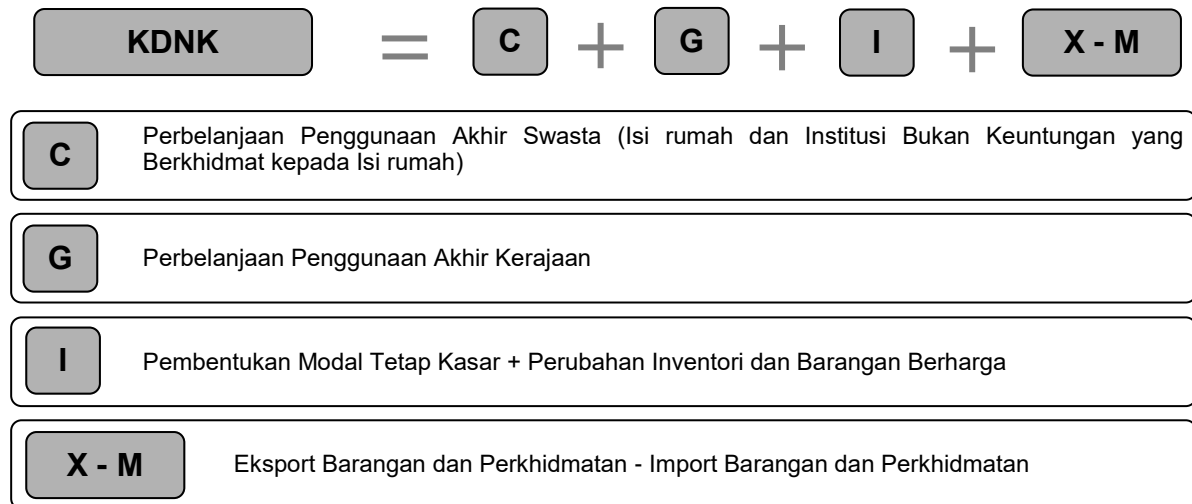
Cukai tidak langsung dianggap sebagai kos pengeluaran, dimana ia adalah sebahagian daripada komponen nilai ditambah. Oleh itu, cukai tidak langsung perlu ditambah pada nilai barangan dan perkhidmatan. Cukai tidak langsung termasuk cukai jalan, cukai nilai ditambah, duti eksais, cukai pintu dan lain-lain.

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 diperolehi 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 diperolehi 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 imbangan 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 2019 dan bagi beberapa aktiviti sehingga tahun 2020/ 2021.

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 ( $at$ ) diperoleh 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](http://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 second 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.*

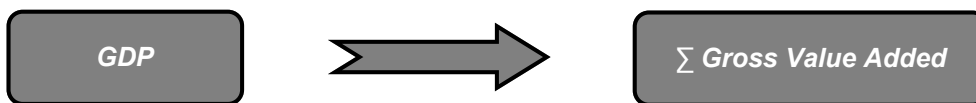
*GDP can be measured by using three approaches namely Production, Expenditure and Income Approach. However, this publication only presents Production and Expenditure Approach.*

**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.*

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

<b>C</b>	Private Final Consumption Expenditure (Households and Non-profit Institution Serving Households)
<b>G</b>	Government Final Consumption Expenditure
<b>I</b>	Gross Fixed Capital Formation + Changes in Inventories and Valuables
<b>X - M</b>	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 2019 and in some instances up to 2020/ 2021.*

*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 ( $u_t$ ) 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:

$$u_t = ct * st * it$$

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

$$a_t = (u_t / st) = (ct * it)$$

## **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](http://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.*



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