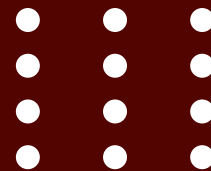




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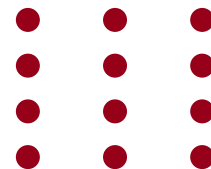
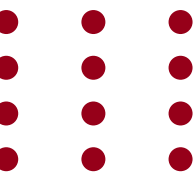


STATISTIK PERLOMBONGAN PETROLEUM DAN GAS ASLI

*MINING OF PETROLEUM AND
NATURAL GAS STATISTICS*

SUKU KEEMPAT

FOURTH QUARTER



2024

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

STATISTIK PERLOMBONGAN PETROLEUM DAN GAS ASLI MINING OF PETROLEUM AND NATURAL GAS STATISTICS

SUKU KEEMPAT FOURTH QUARTER **2024**

Diterbitkan pada : **4** **MAC** **2025**
Released on **MARCH**

Pemakluman

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

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

Announcement

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

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

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA

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

Jabatan Perangkaan Malaysia

Department of Statistics, Malaysia

Blok C6 & C7, Kompleks C,

Pusat Pentadbiran Kerajaan Persekutuan

62514 Putrajaya,

MALAYSIA

Tel.	: 03-8885 7000
Faks/ <i>Fax</i>	: 03-8888 9248
Portal	: https://www.dosm.gov.my
Facebook/Twitter/ Instagram/ Youtube	: StatsMalaysia
Emel/ <i>Email</i>	: info@dosm.gov.my (pertanyaan umum/ <i>general enquiries</i>) : data@dosm.gov.my (pertanyaan & permintaan data/ <i>data request & enquiries</i>)
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“Sumber: Jabatan Perangkaan Malaysia”.

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ISSN 3009-0695



Statistik Perlombongan Petroleum dan Gas Asli merupakan penerbitan yang menghimpunkan pelbagai statistik keluaran DOSM, serta statistik yang diperoleh daripada agensi yang berkaitan seperti PETRONAS dan Malaysia Thailand Joint Authority (MTJA) bagi suku keempat 2024. Inisiatif untuk menerbitkan statistik ini secara suku tahunan adalah untuk memenuhi permintaan yang semakin meningkat bagi statistik perlombongan petroleum dan gas asli yang komprehensif secara berkala.

Penerbitan ini mengandungi statistik pengeluaran, jualan, harga, eksport dan import berkaitan minyak mentah & kondensat dan gas asli. Selain itu, indikator makroekonomi yang merangkumi Keluaran Dalam Negeri Kasar (KDNK), Indeks Pengeluaran Perindustrian (IPP), Indeks Harga Pengeluar (IHPR) serta statistik guna tenaga dan produktiviti buruh turut dilaporkan dalam penerbitan ini. Statistik ini boleh membantu agensi kerajaan, ahli ekonomi, ahli akademik serta individu bagi tujuan membuat perancangan dan penggubalan dasar, analisis ekonomi dan unjuran serta dapat membantu merancang pembangunan perniagaan.

Laporan ini dibahagikan kepada tiga bahagian. Bahagian pertama memaparkan infografik dan ringkasan penemuan bagi keseluruhan industri minyak mentah dan gas asli, manakala bahagian kedua memuatkan jadual statistik terperinci. Aspek teknikal seperti sumber data, konsep & definisi serta pembolehubah utama yang digunakan diterangkan di bahagian ketiga bagi memudahkan pengguna memahami statistik yang diterbitkan.

DOSM merakamkan setinggi-tinggi penghargaan atas kerjasama dan sumbangan yang diberikan oleh semua pihak dalam menjayakan penerbitan ini. Pandangan dan cadangan untuk penambahbaikan penerbitan ini pada masa akan datang amat dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN

Ketua Perangkawan Malaysia

Mac 2025



The Mining of Petroleum and Natural Gas Statistics is a report which assembles various statistics released by DOSM, as well as statistics obtained from relevant agencies such as PETRONAS and Malaysia Thailand Joint Authority (MTJA) for the fourth quarter of 2024. The initiative to publish these statistics on a quarterly basis is to fulfil the rising demand for frequent and comprehensive mining of petroleum and natural gas statistics.

This publication provides statistics on production, sales, prices, exports and imports of crude oil & condensate and natural gas. In addition, macroeconomic indicators which include Gross Domestic Product (GDP), Industrial Production Index (IPI), Producer Price Index (PPI) as well as employment and labour productivity statistics are also reported in this publication. These statistics could assist government agencies, economists, academicians, as well as individuals in the planning and formulation of policies, economic analysis and projections as well as for business development planning.

This report is divided into three parts. The first part highlights the infographic and summary of findings for the overall crude oil and natural gas industry, while the second part contains detailed statistical tables. Technical aspects such as sources of data, concepts & definitions and the main variables used are explained in the third part to assist users in understanding the published statistics.

DOSM gratefully acknowledges the cooperation and contribution rendered by all parties in making this publication a success. Every feedback and suggestion towards improving future publication is highly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN
Chief Statistician, Malaysia

March 2025



-	:	tiada / <i>nil</i>
%	:	peratus / <i>percentage</i>
&	:	dan / <i>and</i>
0	:	Nilai kurang daripada RM500,000/ <i>Value less than RM500,000</i>
bbl	:	Tong / <i>Barrel</i>
BCF	:	Bilion Kaki Padu / <i>Billion Cubic Feet</i>
dll / etc.	:	dan lain-lain / <i>et. cetera</i>
e	:	anggaran / <i>estimate</i>
EIA	:	U.S. Energy Information Administration (EIA)
f	:	muktamad / <i>final</i>
IHPR / <i>PPI</i>	:	Indeks Harga Pengeluar / <i>Producer Price Index</i>
IPP / <i>IPI</i>	:	Indeks Pengeluaran Perindustrian / <i>Industrial Production Index</i>
IRIS	:	International Recommendation for Industrial Statistics
JODI	:	Joint Organisations Data Initiative
KDNK / <i>GDP</i>	:	Keluaran Dalam Negeri Kasar / <i>Gross Domestic Product</i>
LNG	:	Gas Asli Cecair / <i>Liquefied Natural Gas</i>
LPG	:	Gas Petroleum Cecair / <i>Liquefied Petroleum Gas</i>
MASCO	:	Piawaian Pengelasan Pekerjaan Malaysia / <i>Malaysia Standard Classification of Occupations</i>
MSCF	:	(Ribu) Kaki Padu Standard / <i>(Thousand) Standard Cubid Feet</i>
MoM	:	Bulan ke bulan / <i>Month-on-Month</i>
MSIC	:	Piawaian Klasifikasi Industri Malaysia / <i>Malaysia Standards Industrial Classification</i>
MTJA	:	Malaysia Thailand Joint Authority
n.a.	:	tidak berkaitan / <i>not applicable</i>
NYMEX	:	New York Mercantile Exchange
p	:	awalan / <i>preliminary</i>
PETRONAS	:	Petroliam Nasional Berhad
r	:	disemak / <i>revised</i>
RM	:	Ringgit Malaysia / <i>Malaysian Ringgit</i>
ST/ Q	:	Suku tahun / <i>Quarter</i>
t	:	tahun / <i>year</i>
t.t.t.l. / n.e.c.	:	tidak terkelas di tempat lain / <i>not elsewhere classified</i>
USD	:	Dolar Amerika Syarikat / <i>US Dollar</i>
QoQ	:	Suku tahun ke suku tahun / <i>Quarter-on-Quarter</i>
WALP	:	<i>Weighted Average Lifting Price</i>
WTI	:	West Texas Intermediate
YoY	:	Tahun ke tahun / <i>Year-on-Year</i>

NOTA / NOTE:

Jumlah 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.



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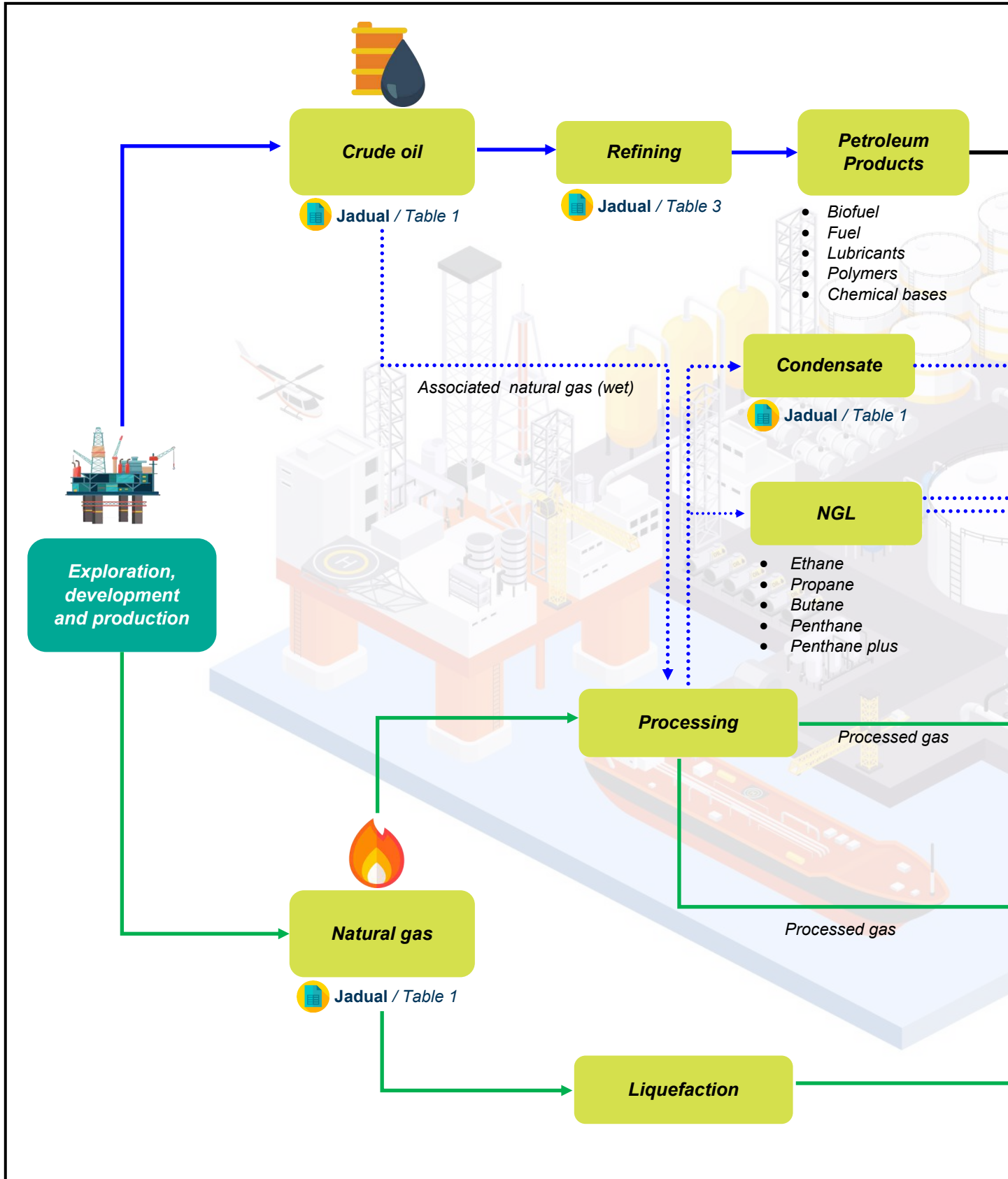
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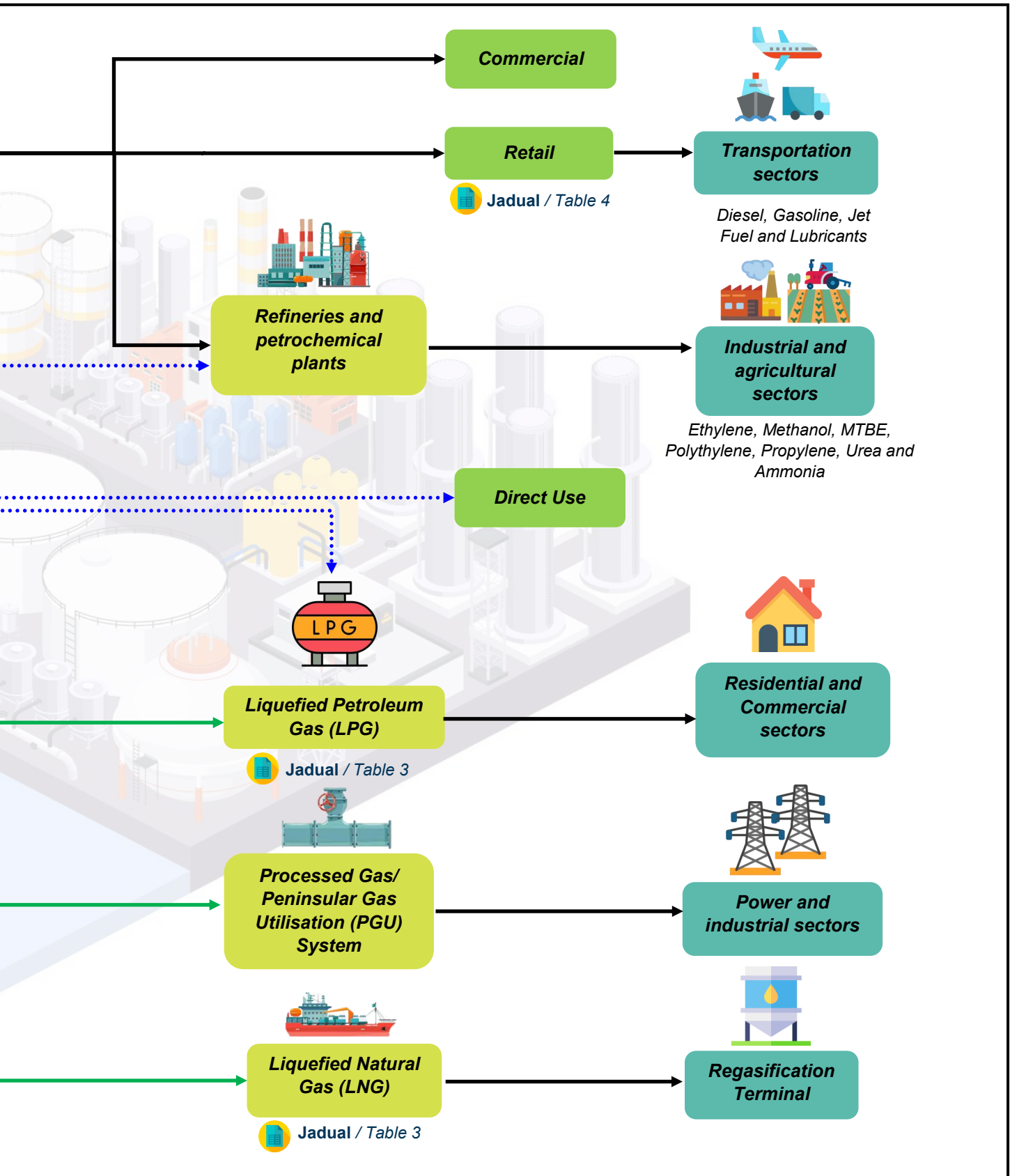
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Supply Chain of Crude Oil and Natural Gas Industry Diagram



Sources: PETRONAS and Joint Organisations Data Initiative (JODI) and illustrated by Department of Statistics Malaysia (DOSM)
Note: This diagram is provide to guide user in understanding the statistics in this publication



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BAHAGIAN
PART

1

RINGKASAN PENEMUAN
SUMMARY OF FINDINGS

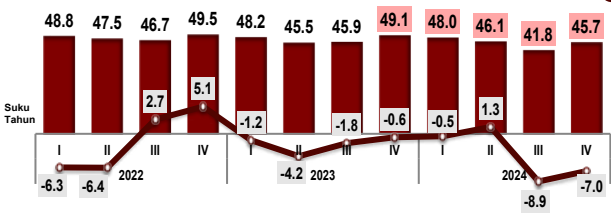


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STATISTIK PERLOMBONGAN PETROLEUM DAN GAS ASLI SUKU KEEMPAT 2024

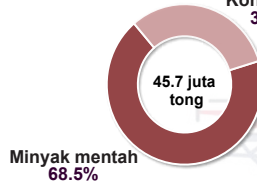
Pengeluaran

Minyak mentah dan kondensat ('000 tong)

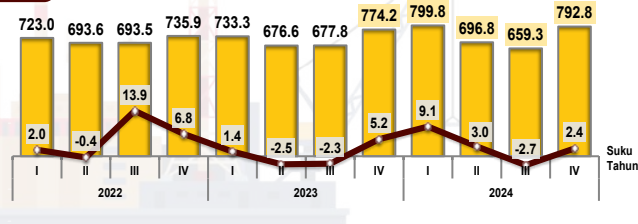


Sumbangan Pengeluaran Minyak Mentah dan Kondensat

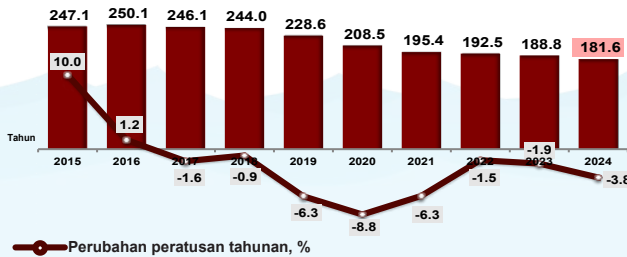
ST1 2022 - ST4 2024



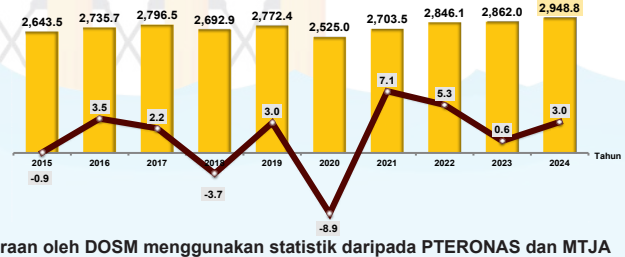
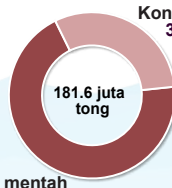
Gas asli (bilion kaki padu)



2015-2024



Sumbangan Pengeluaran Minyak Mentah dan Kondensat



Nota: Pengiraan oleh DOSM menggunakan statistik daripada PTERONAS dan MTJA

Harga, ST4 2024

WALP¹ (Malaysia)

USD76.3

-13.8%

WTI²

USD70.7

-9.8%

Brent

USD74.6

-10.9%

Henry Hub

USD2.4

-10.7%

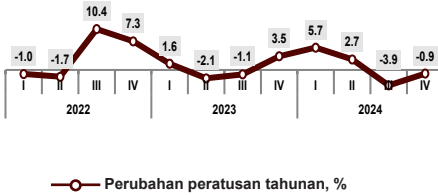
Perubahan peratusan tahunan, %

¹ WALP: Weighted Average Lifting Price
² WTI: West Texas Intermediate

Sumber: PETRONAS dan EIA

Keluaran Dalam Negeri Kasar (KDNK) pada Harga Malar 2015, ST4 2024

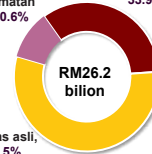
KDNK Perlombongan dan Pengkuarian



Perubahan peratusan tahunan, %

Perubahan Sumbangan Perlombongan dan Pengkuarian mengikut Subsektor

Perlombongan lain & pengkuarian dan perkhidmatan sokongan, 10.6%
Minyak mentah dan kondensat, 33.9%



Indeks Pengeluaran Perindustrian (IPP), ST4 2024



IPP Malaysia

3.4%



IPP Perlombongan

-1.1%

Minyak mentah dan kondensat

-6.1%

Gas asli

2.4%

Sumber: Indeks Pengeluaran Perindustrian Malaysia (2015=100) Disember 2024, DOSM

Sumber: Keluaran Dalam Negeri Kasar (KDNK) ST4 2024, DOSM

Nilai Jualan Produk Petroleum, ST4 2024



Jualan produk petroleum bertapis³

RM51.5 bilion

-4.8%



Jualan borong bahan api pepejal, cecair & gas dan produk berkaitan⁴

RM39.7 bilion

2.0%



Jualan runcit di kedai khusus yang menjual bahan api kenderaan⁴

RM17.9 bilion

6.7%

Perubahan peratusan tahunan, %

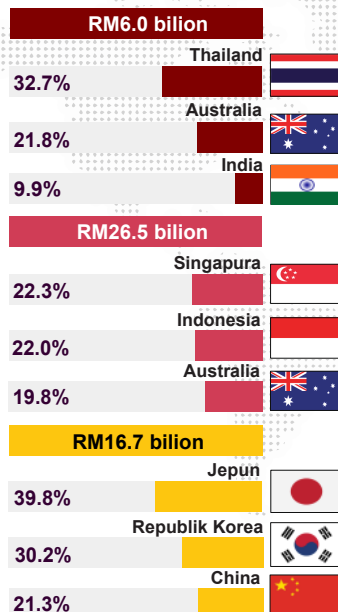
Sumber:

³Perangkaan Pembuatan Bulanan Disember 2024, DOSM

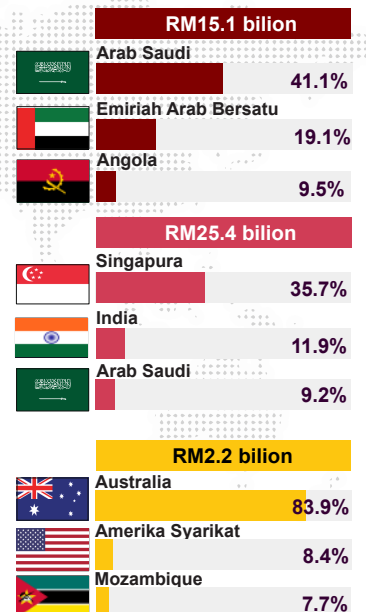
⁴Prestasi Perdagangan Borong & Runcit Disember 2024, DOSM

Eksport dan Import, ST4 2024

Eksport Negara Destinasi Utama



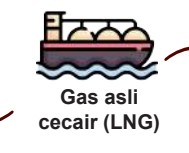
Import Negara Asal Utama



Petroleum mentah dan kondensat



Keluaran petroleum bertapis



Gas asli cecair (LNG)

Nota: Statistik merujuk kepada peratusan sumbangan tertinggi mengikut negara asal dan destinasi
%: Sumbangan
Sumber: DOSM, Disember 2024

Sumber: Statistik Perlombongan Petroleum dan Gas Asli, Suku Keempat 2024, Jabatan Perangkaan Malaysia (DOSM)



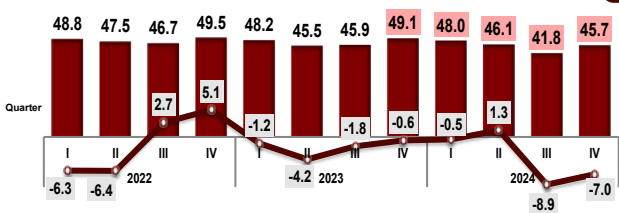
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MINING OF PETROLEUM AND NATURAL GAS STATISTICS FOURTH QUARTER OF 2024

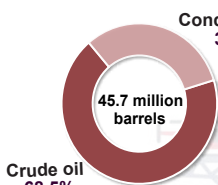
Production

Crude oil and condensate ('000 barrels)

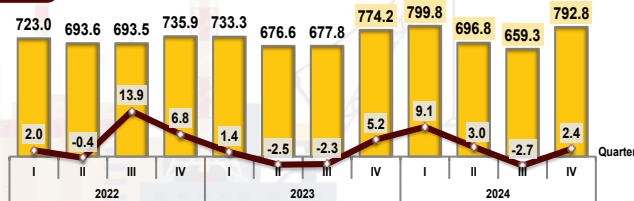


Share of Crude Oil and Condensate Production

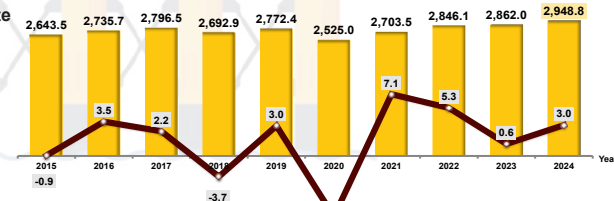
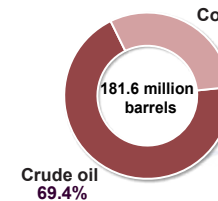
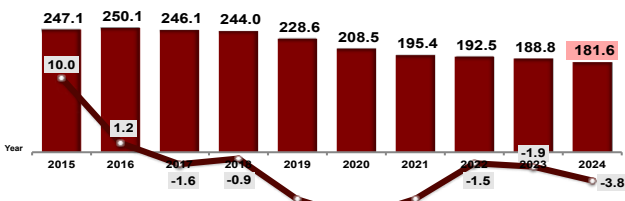
Q1 2022 - Q4 2024



Natural Gas (billion cubic feet)



2015-2024



Note: Calculation by DOSM using the statistics from PETRONAS and MTJA

Price, Q4 2024

WALP¹ (Malaysia)

USD76.3
-13.8%

WTI²

USD70.7
-9.8%

Brent

USD74.6
-10.9%

Henry Hub

USD2.4
-10.7%

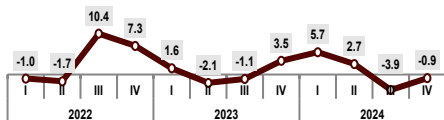
Annual percentage change, %

¹ WALP: Weighted Average Lifting Price
² WTI: West Texas Intermediate

Source: PETRONAS and EIA

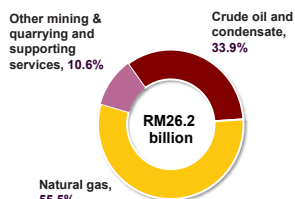
Gross Domestic Product (GDP) at Constant 2015 Prices, Q4 2024

GDP of Mining and Quarrying



Annual percentage change, %

Percentage Share of Mining and Quarrying by Subsectors



Source: Gross Domestic Product (GDP) Q4 2024, DOSM

Industrial Production Index (IPI), Q4 2024



Crude oil and condensate
-6.1%

Natural gas
2.4%

Source: Malaysia Industrial Production Index (2015=100) December 2024, DOSM

Sales Value of Petroleum Products, Q4 2024

Refined petroleum products³
RM51.5 billion
-4.8%

Wholesale of solid liquid & gaseous fuels and related products⁴
RM39.7 billion
2.0%

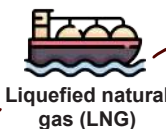
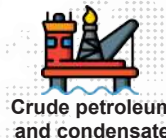
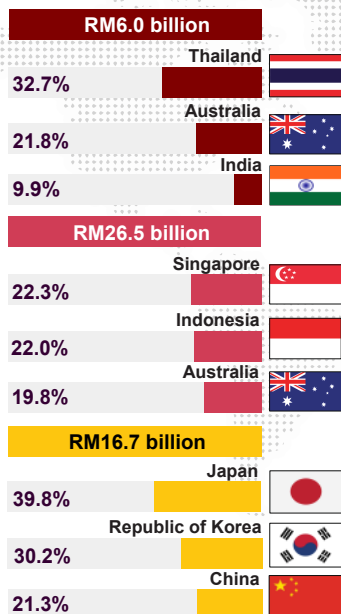
Retail sale of automotive fuel in specialised stores⁴
RM17.9 billion
6.7%

Annual percentage change, %

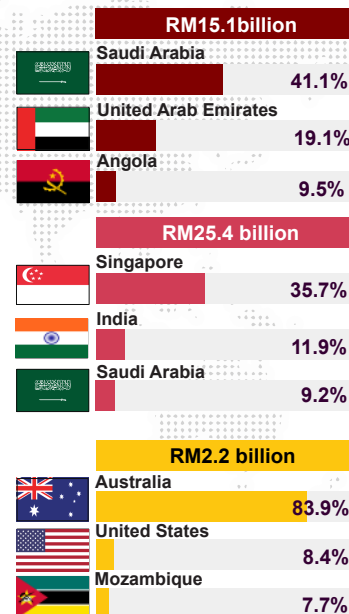
Source:
³ Monthly Manufacturing Statistics December 2024, DOSM
⁴ Performance of Wholesale & Retail Trade in December 2024, DOSM

Exports and Imports, Q4 2024

Exports by Major Country of Destination



Imports by Major Country of Origin



Note: The statistics refer to the highest percentage share by country of origin and destination

Source: Mining of Petroleum and Natural Gas Statistics, Fourth Quarter of 2024, Department of Statistics Malaysia (DOSM)



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1. Pengenalan

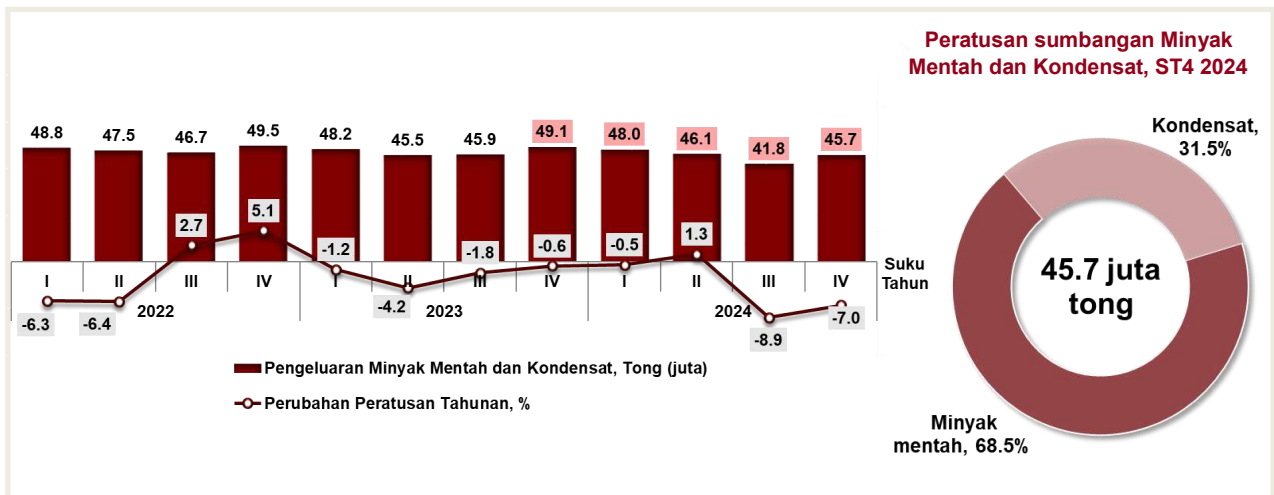
Statistik Perlombongan Petroleum dan Gas Asli membentangkan statistik pengeluaran minyak mentah, kondensat & gas asli; harga purata minyak mentah; pengeluaran & nilai jualan produk utama petroleum bertapis; jualan borong bahan api pepejal, cecair & gas & produk berkaitan; dan eksport & import petroleum mentah & kondensat, keluaran petroleum bertapis & gas asli cecair (LNG). Penerbitan ini turut melaporkan statistik Keluaran Dalam Negeri Kasar (KDNK), Indeks Pengeluaran Perindustrian (IPP), Indeks Harga Pengeluar (IHPR) mengikut aktiviti ekonomi serta statistik guna tenaga dan produktiviti buruh bagi sektor Perlombongan dan pengkuarian bagi tempoh suku pertama 2022 hingga suku keempat 2024. Statistik tahunan turut dilaporkan dalam penerbitan ini.

2. Prestasi Pengeluaran Minyak Mentah & Kondensat dan Gas Asli, Suku Keempat 2024

Minyak mentah dan kondensat merekodkan pengeluaran sebanyak 45.7 juta tong, menunjukkan pertumbuhan namun masih berada dalam jajaran negatif dengan penurunan sebanyak 7.0 peratus berbanding penurunan 8.9 peratus pada suku sebelumnya. Prestasi ini disokong oleh penurunan Minyak mentah yang lebih kecil kepada 9.6 peratus (ST3 2024: -14.2%), dengan jumlah pengeluaran sebanyak 31.3 juta tong. Walau bagaimanapun, pengeluaran Kondensat menyusut 0.8 peratus berbanding 4.6 peratus pada suku ketiga 2024 (**Carta 1**).

Minyak mentah menyumbang 68.5 peratus daripada jumlah pengeluaran Minyak mentah dan kondensat, manakala Kondensat menyumbang 31.5 peratus atau bersamaan dengan 14.4 juta tong.

Carta 1 Prestasi Pengeluaran Minyak Mentah dan Kondensat, ST1 2022 - ST4 2024



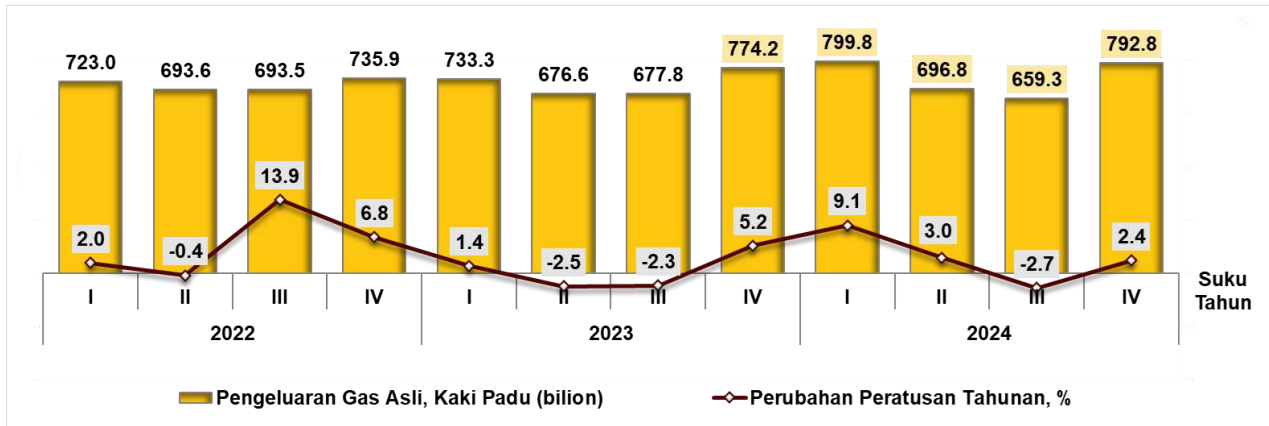
Nota: Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA



RINGKASAN PENEMUAN

Pengeluaran Gas asli pulih sebanyak 2.4 peratus tahun ke tahun pada suku keempat 2024 (ST3 2024: -2.7%) dengan pengeluaran sebanyak 792.8 bilion kaki padu di **Carta 2**.

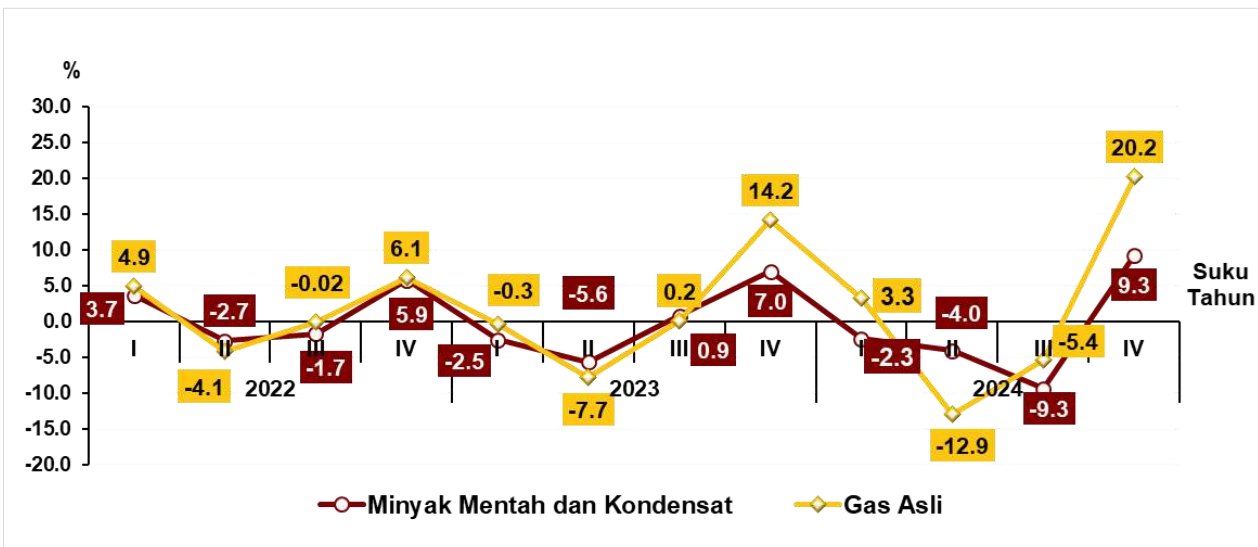
Carta 2 Prestasi Pengeluaran Gas Asli, ST1 2022 - ST4 2024



Nota: Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA

Secara suku tahunan, pengeluaran Minyak Mentah dan kondensat meningkat sebanyak 9.3 peratus (ST3 2024: -9.3%), dipacu oleh Kondensat pada 7.5 peratus (ST3 2024: 3.2%) dan Gas asli sebanyak 20.2 peratus (ST3 2024: -5.4%) (**Carta 3**).

Carta 3 Pengeluaran Minyak Mentah & Kondensat dan Gas Asli, ST1 2022 - ST4 2024 - Perubahan Peratusan dari Suku Tahun Sebelumnya



Nota: Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA

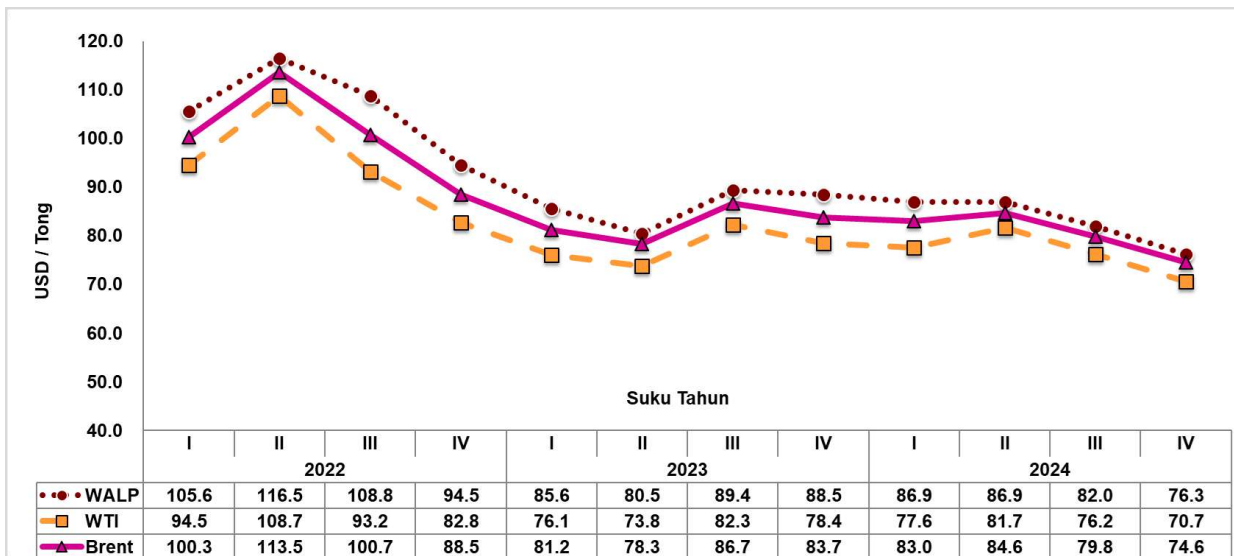


3. Harga Minyak Mentah dan Kondensat, Suku Keempat 2024

West Texas Intermediate (WTI) dan Brent digunakan dalam menilai prestasi harga Minyak mentah dan kondensat di peringkat pasaran global. Sementara itu, Harga Purata “Lifting” Berpemberat (WALP) adalah harga yang diwartakan dan digunakan di Malaysia. WTI merujuk kepada minyak mentah yang dihasilkan di Amerika Syarikat, khususnya di rantau Texas, manakala Brent merujuk kepada minyak mentah yang dihasilkan di beberapa lapangan minyak di Laut Utara, terutamanya di luar pesisir United Kingdom.

Purata Harga “Lifting” Berpemberat (WALP) bagi Minyak mentah dan kondensat di Malaysia turun kepada USD76.3 per tong pada suku keempat 2024 (ST3 2024: USD82.0 per tong). Pengurangan harga ini, selaras dengan aliran penurunan global harga WTI dan Brent, yang masing-masing jatuh kepada USD70.7 per tong (ST3 2024: USD76.2 per tong) dan USD74.6 per tong (ST3 2024: USD79.8 per tong), seperti yang ditunjukkan dalam **Carta 4**.

Carta 4 Harga Minyak Mentah dan Kondensat, ST1 2022 - ST4 2024



Sumber: PETRONAS dan EIA

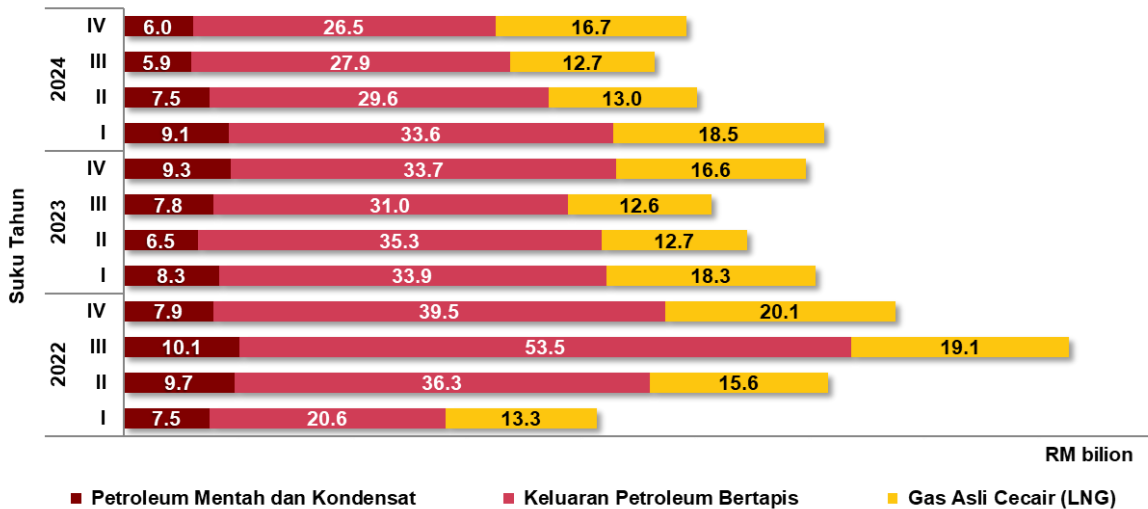


4. Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair (LNG), Suku Keempat 2024

Nilai eksport Petroleum mentah dan kondensat meningkat kepada RM6.0 bilion pada suku keempat 2024 (ST3 2024: RM5.9 bilion). Sementara itu, nilai eksport Keluaran petroleum bertapis menurun kepada RM26.5 bilion (ST3 2024: RM27.9 bilion). Nilai eksport Gas asli cecair (LNG) mencecah RM16.7 bilion pada suku ini (ST3 2024: RM12.7 bilion) (**Carta 5**).

Carta 5

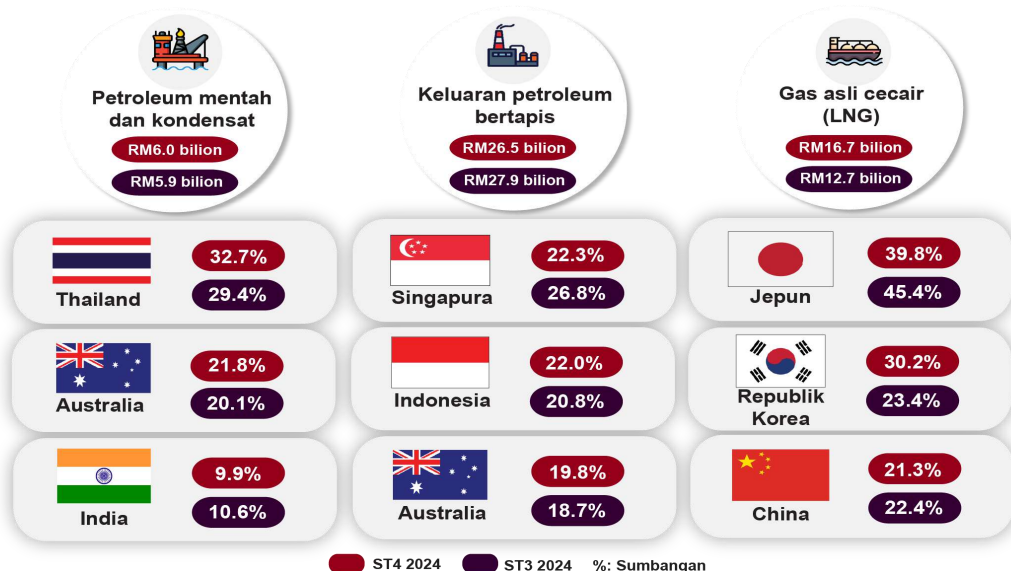
Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair (LNG), ST1 2022 - ST4 2024



Thailand mengukuhkan kedudukan sebagai destinasi utama eksport Petroleum mentah dan kondensat pada 2024 dengan nilai RM2.0 bilion (32.7%), diikuti oleh Australia (21.8%) dan India (9.9%). Sementara itu, Singapura terus mendominasi sebagai negara destinasi utama dengan jumlah eksport mencecah RM5.9 bilion atau 22.3 peratus, disusuli oleh Indonesia (22.0%) dan Australia (19.8%). Jepun kekal sebagai pengimport terbesar eksport LNG iaitu 39.8 peratus, diikuti oleh Republik Korea (30.2%) dan China (21.3%) seperti di **Paparan 1**.

Paparan 1

Eksport mengikut Negara Destinasi Utama - Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair (LNG), ST4 2024



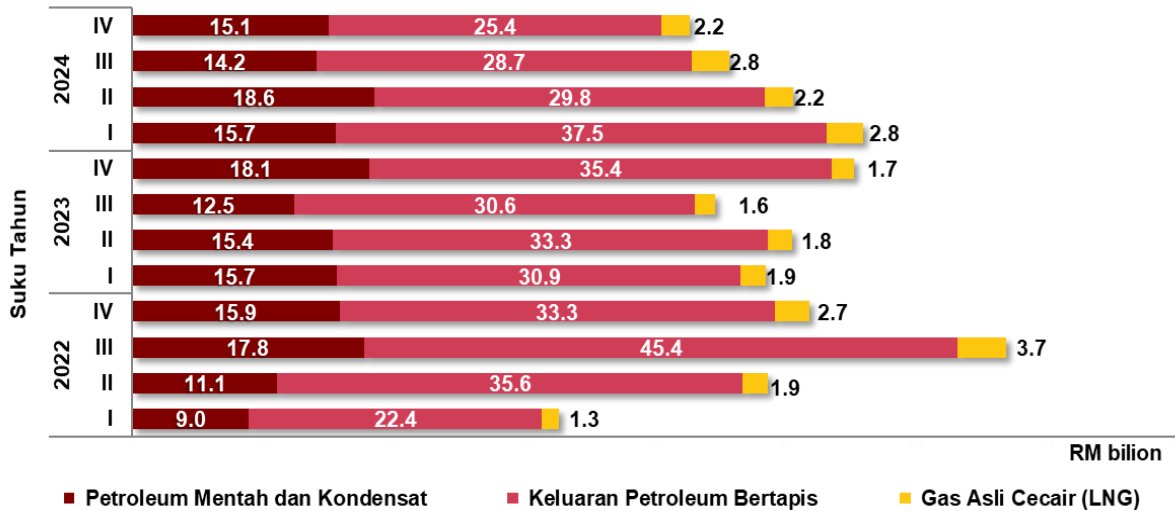
● ST4 2024 ● ST3 2024 %: Sumbangan



5. Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair (LNG), Suku Keempat 2024

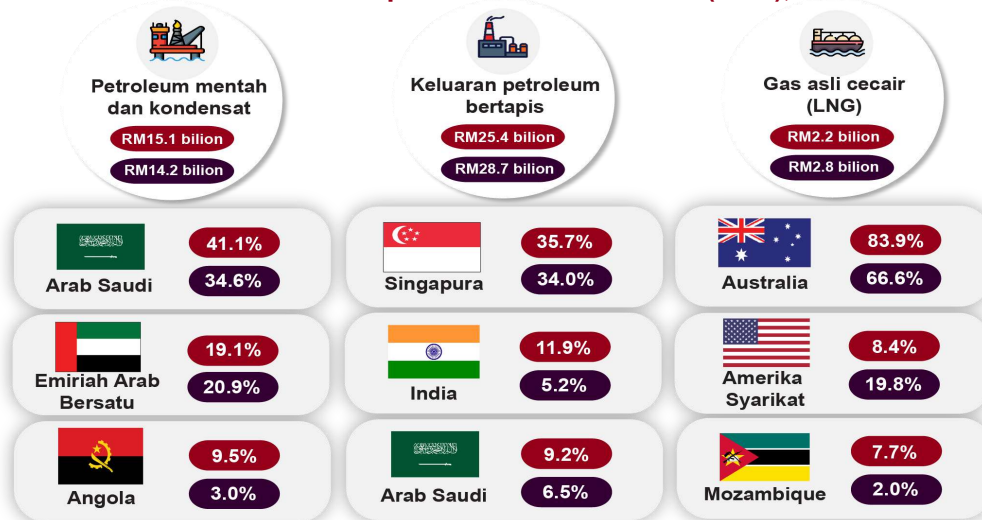
Pada suku keempat 2024, nilai import Petroleum mentah dan kondensat meningkat kepada RM15.1 bilion (ST3 2024: RM14.2 bilion). Di samping itu, nilai import Keluaran petroleum bertapis menurun sebanyak RM25.4 bilion (ST3 2024: RM28.7 bilion). Nilai import LNG berjumlah RM2.2 bilion pada suku keempat 2024 (ST3 2024: RM2.8 bilion) seperti di **Carta 6**.

Carta 6 Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair (LNG), ST1 2022 - ST4 2024



Arab Saudi terus mendominasi sebagai negara asal utama bagi import Petroleum mentah dan kondensat dengan sumbangan sebanyak 41.1 peratus pada suku keempat 2024, diikuti oleh Emiriah Arab Bersatu (19.1%) dan Angola (9.5%). Dalam segmen import Keluaran petroleum bertapis, Singapura tampil sebagai penyumbang terbesar sebanyak 35.7 peratus, diikuti oleh India (11.9%) dan Arab Saudi (9.2%). Sementara itu, Australia terus mengungguli sebagai negara asal utama dengan nilai import LNG tertinggi mencecah RM1.9 bilion atau 83.9 peratus, diikuti oleh Amerika Syarikat (8.4%) dan Mozambique (7.7%) seperti dalam **Paparan 2**.

Paparan 2 Import mengikut Negara Asal Utama - Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair (LNG), ST4 2024



● ST4 2024 ● ST3 2024 %: Sumbangan



6. Keluaran Dalam Negeri Kasar Sektor Perlombongan dan Pengkuarian pada Harga Malar 2015, Suku Keempat 2024

Keluaran Dalam Negeri Kasar (KDNK) bagi sektor Perlombongan dan Pengkuarian mencatatkan pemulihan, meningkat kepada negatif 0.9 peratus berbanding negatif 3.9 peratus pada suku ketiga 2024 seperti yang ditunjukkan dalam **Carta 7**. Subsektor Gas asli terus menjadi tunjang utama, menyumbang lebih daripada 50 peratus kepada sektor Perlombongan dan Pengkuarian dengan sumbangan mencecah 55.5 peratus pada suku ini. Sementara itu, Minyak mentah dan kondensat menyumbang 33.9 peratus kepada pertumbuhan sektor ini.

Carta 7 Keluaran Dalam Negeri Kasar Sektor Perlombongan dan Pengkuarian pada Harga Malar 2015, ST1 2022 - ST4 2024

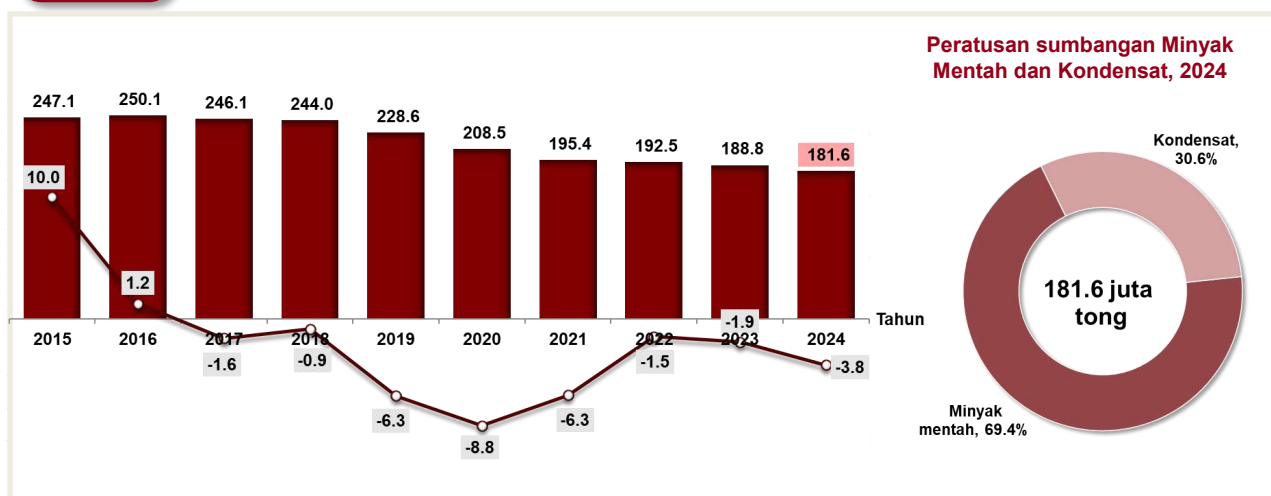


7. Prestasi Pengeluaran Minyak Mentah & Kondensat dan Gas Asli, 2024

Pengeluaran Minyak mentah dan kondensat menyusut sebanyak 3.8 peratus kepada 181.6 juta tong (2023: -1.9%; 188.8 juta tong) disebabkan oleh penurunan 7.3 peratus dalam pengeluaran Minyak mentah (2023: -6.3%). Sebaliknya, pengeluaran Kondensat meningkat sebanyak 5.3 peratus berbanding 11.3 peratus pada tahun sebelumnya, seperti di **Carta 8**.

Dari segi sumbangan, Minyak mentah menyumbang 69.4 peratus atau 126.0 juta tong, manakala Kondensat menyumbang 30.6 peratus atau dengan nilai pengeluaran 55.6 juta tong sepanjang tahun 2024.

Carta 8 Prestasi Pengeluaran Minyak Mentah dan Kondensat, 2015 - 2024

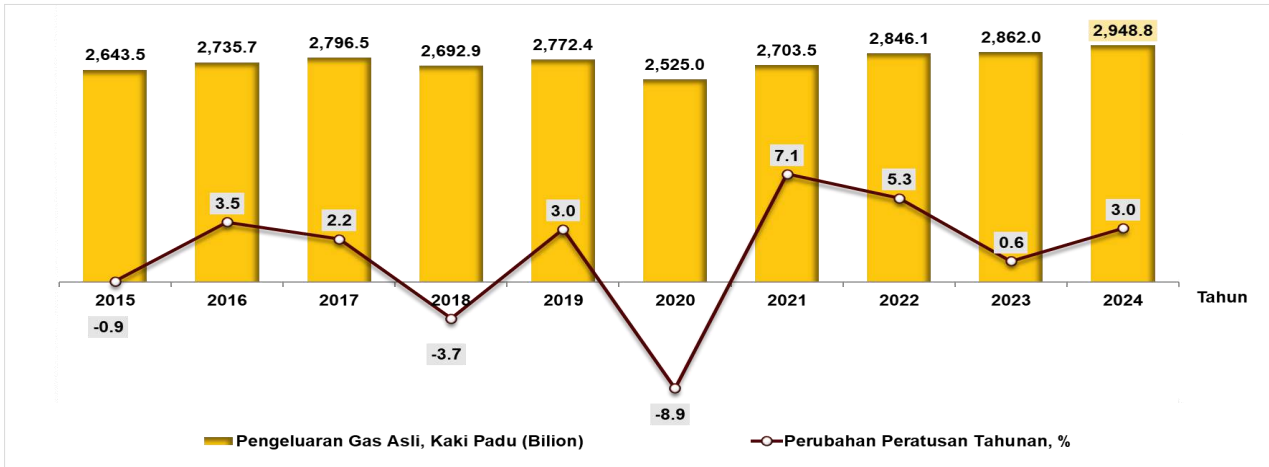


Nota: Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA



Pada tahun 2024, Gas asli meningkat sebanyak 3.0 peratus mencapai pengeluaran sebanyak 2,948.8 bilion kaki padu (2023: 0.6%; 2,862.0 bilion kaki padu), seperti di **Carta 9**.

Carta 9 Prestasi Pengeluaran Gas Asli, 2015 - 2024

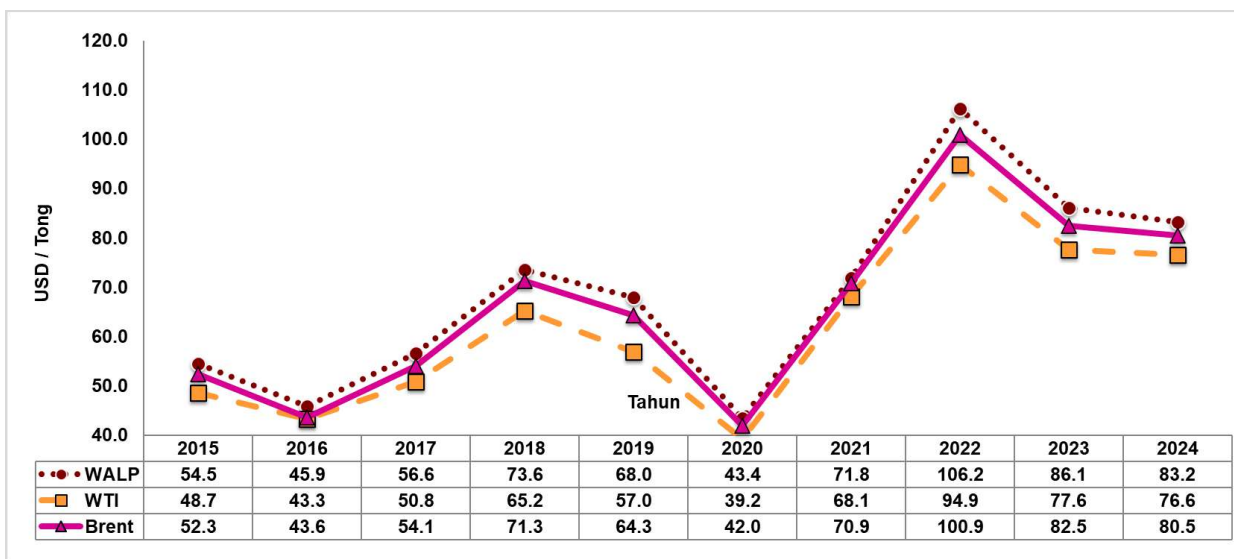


Nota: Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA

8. Harga Minyak Mentah dan Kondensat, 2024

Purata Harga “Lifting” Berpemberat (WALP) bagi Minyak mentah dan kondensat di Malaysia mengalami penyusutan kepada USD83.2 per tong pada tahun 2024 berbanding USD86.1 per tong yang direkodkan pada tahun sebelumnya. Begitu juga harga bagi WTI dan Brent masing-masing turut mencatatkan penurunan iaitu USD76.6 per tong (2023: USD77.6 per tong) dan USD80.5 per tong (2023: USD82.5 per tong), seperti ditunjukkan dalam **Carta 10**.

Carta 10 Harga Minyak Mentah dan Kondensat, 2015 - 2024



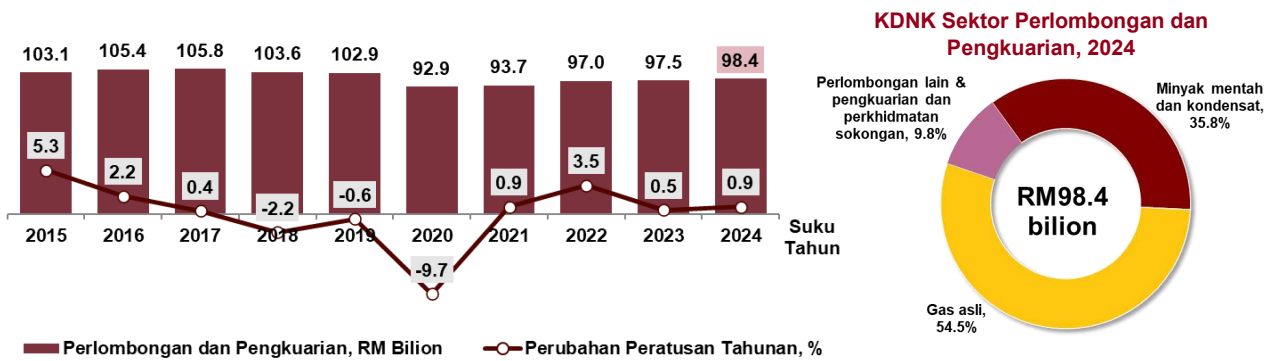
Sumber: PETRONAS dan EIA



9. Keluaran Dalam Negeri Kasar Sektor Perlombongan dan Pengkuarian pada Harga Malar 2015, 2024

Keluaran Dalam Negeri Kasar (KDNK) bagi sektor Perlombongan dan Pengkuarian pada tahun 2024 meningkat kepada 0.9 peratus berbanding 0.5 peratus yang direkodkan pada tahun sebelumnya (**Carta 11**). Dari sudut komposisi, subsektor Gas asli merupakan penyumbang utama dengan menyumbang 54.5 peratus kepada keseluruhan sektor. Sementara itu, Minyak mentah dan kondensat mencatatkan 35.8 peratus pada tahun 2024.

Carta 11 Keluaran Dalam Negeri Kasar Sektor Perlombongan dan Pengkuarian pada Harga Malar 2015, 2015 - 2024





1. Introduction

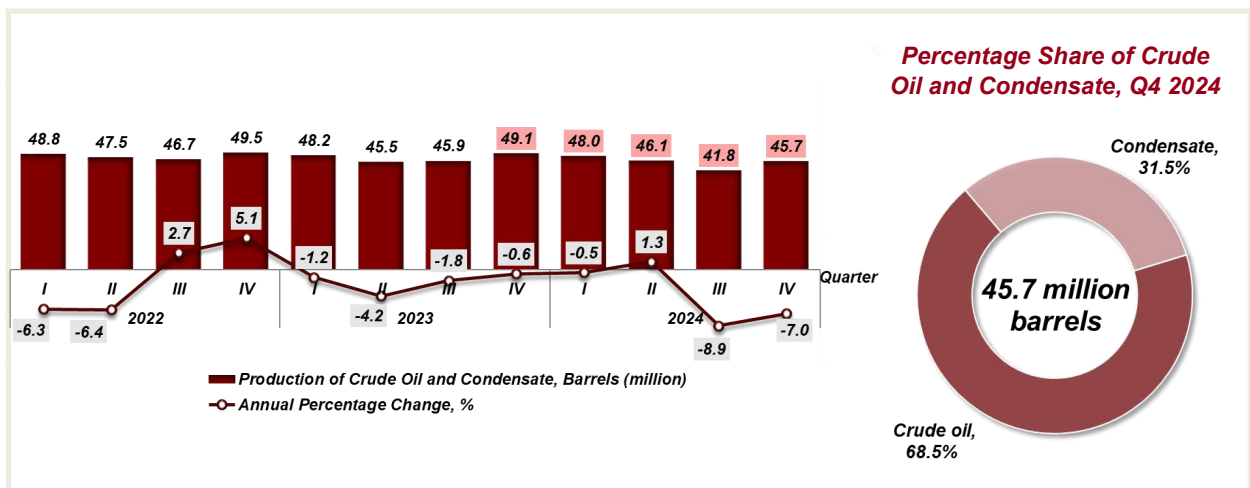
The Mining of Petroleum and Natural Gas Statistics presents the production of crude oil, condensate & natural gas statistics; the average price of crude oil; production & sales value of major refined petroleum products; wholesales of solid fuels, liquids & gases & related products; and exports & imports of crude petroleum & condensate, refined petroleum products & liquefied natural gas (LNG). This publication also reported the statistics on Gross Domestic Product (GDP), Industrial Production Index (IPI), Producer Price Index (PPI) according to economic activity as well as employment and labour productivity statistics for the Mining and quarrying sector for the period from the first quarter of 2022 to the fourth quarter of 2024. Annual statistics are also included in this publication.

2. Performance of Crude Oil & Condensate and Natural Gas Production, Fourth Quarter of 2024

Crude oil and condensate recorded a production of 45.7 million barrels, showing growth but remained in negative with a 7.0 per cent decline compared to the 8.9 per cent reduction in the preceding quarter. This performance was supported by the smaller decline in Crude oil to 9.6 per cent (Q3 2024: -14.2%), with a total production of 31.3 million barrels. However, the production of Condensate decreased by 0.8 per cent compared 4.6 per cent in third quarter of 2024 (Chart 1).

Crude oil contributed 68.5 per cent of total production Crude oil and condensate, while Condensate represented 31.5 per cent or equivalent to 14.4 million barrels.

Chart 1 Performance of Crude Oil and Condensate Production, Q1 2022 - Q4 2024



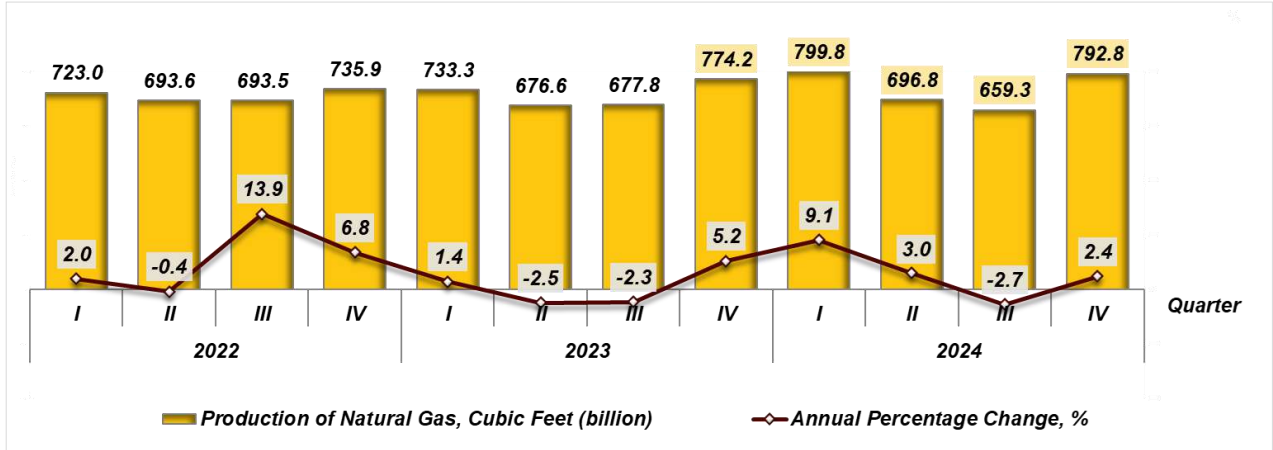
Note: Calculation by DOSM using the statistics from PETRONAS and MTJA



SUMMARY OF FINDINGS

The production of Natural gas recovered by 2.4 per cent year-on-year in fourth quarter of 2024 (Q3 2024: -2.7%) with the production of 792.8 billion cubic feet in **Chart 2**.

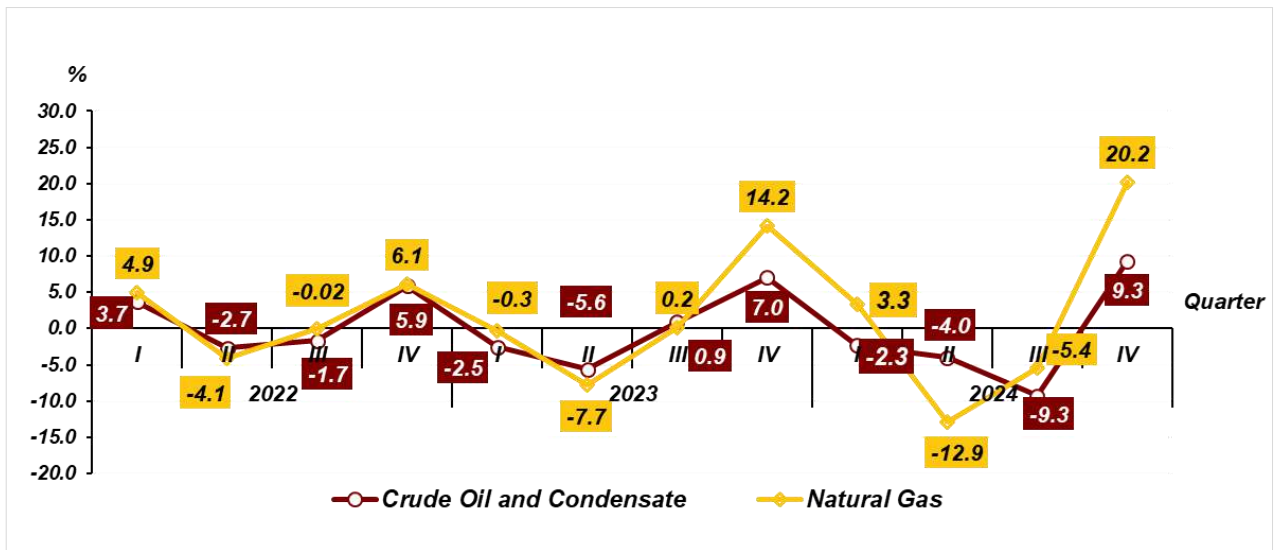
Chart 2 Performance of Natural Gas Production, Q1 2022 - Q4 2024



Note: Calculation by DOSM using the statistics from PETRONAS and MTJA

On the quarterly basis, the production of Crude oil and condensate increased by 9.3 per cent (Q3 2024: -9.3%), driven by Condensate at 7.5 per cent (Q3 2024: 3.2%) and Natural gas by 20.2 per cent (Q3 2024: -5.4%) (**Chart 3**).

Chart 3 Production of Crude Oil & Condensate and Natural Gas, Q1 2022 - Q4 2024 - Percentage Change from the Preceding Quarter



Note: Calculation by DOSM using the statistics from PETRONAS and MTJA

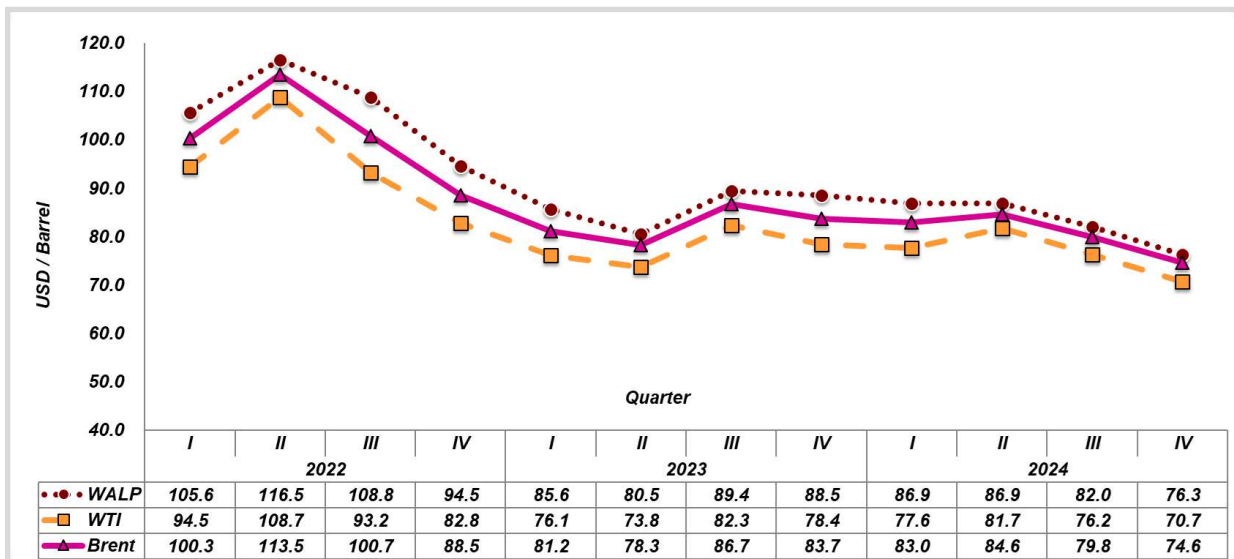


3. Prices of Crude Oil and Condensate, Fourth Quarter of 2024

West Texas Intermediate (WTI) and Brent are used to evaluate the performance of Crude oil and condensate in the global market. Meanwhile, the Weighted Average Lifting Price (WALP) is a gazetted price and used in Malaysia. WTI refers to crude oil produced in the United States, particularly in the Texas region, while Brent refers to crude oil produced in several oil fields in the North Sea, primarily in offshore waters of the United Kingdom.

The Weighted Average Lifting Price (WALP) for Crude oil and condensate in Malaysia declined to USD76.3 per barrel in the fourth quarter of 2024 (Q3 2024: USD82.0 per barrel). The price reduction aligned with the global downward trend in WTI and Brent prices, which drop to USD70.7 per barrel (Q3 2024: USD76.2 per barrel) and USD74.6 per barrel (Q3 2024: USD79.8 per barrel) respectively as shown in **Chart 4**.

Chart 4 Prices of Crude Oil and Condensate, Q1 2022 - Q4 2024



Source: PETRONAS and EIA



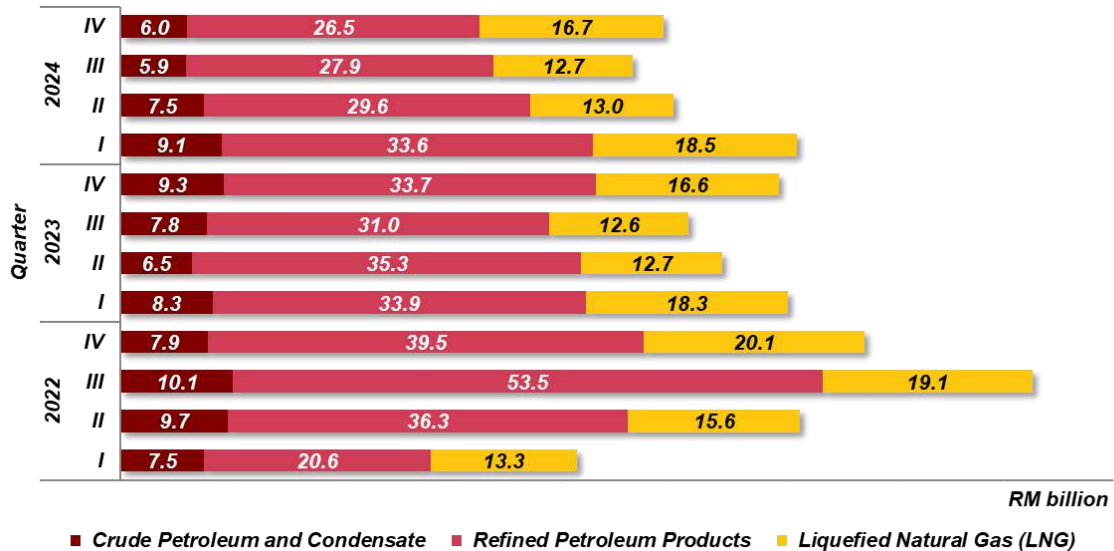
SUMMARY OF FINDINGS

4. Exports for Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas (LNG), Fourth Quarter of 2024

The export value of Crude petroleum and condensate increased to RM6.0 billion in the fourth quarter of 2024 (Q3 2024: RM5.9 billion). Meanwhile, the export value of Refined petroleum products decreased to RM26.5 billion (Q3 2024: RM27.9 billion). The export value of Liquefied Natural Gas (LNG) reached RM16.7 billion in this quarter (Q3 2024: RM12.7 billion) (**Chart 5**).

Chart 5

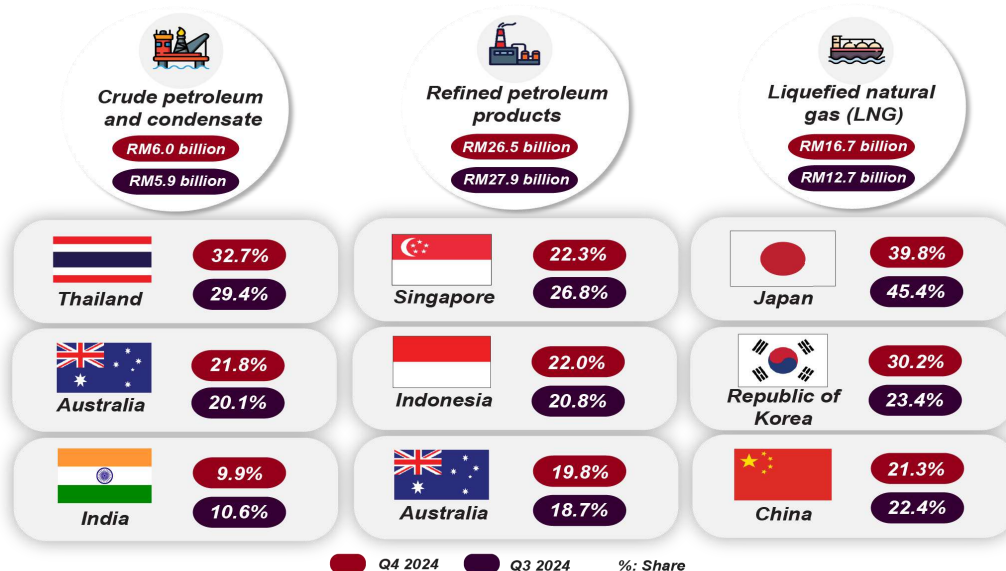
Exports of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas (LNG), Q1 2022 - Q4 2024



Thailand strengthened position as the main destination of Crude petroleum and condensate exports in 2024 with a value of RM2.0 billion (32.7%), followed by Australia (21.8%) and India (9.9%). In the Refined petroleum products, Singapore remained the leading destination, with exports reaching RM5.9 billion or 22.3 per cent, followed by Indonesia (22.0%) and Australia (19.8%). Meanwhile, Japan remained the largest importer of LNG exports at 39.8 per cent, followed by the Republic of Korea (30.2%) and China (21.3%), as shown in **Exhibit 1**.

Exhibit 1

Exports by Major Country of Destination - Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas (LNG), Q4 2024

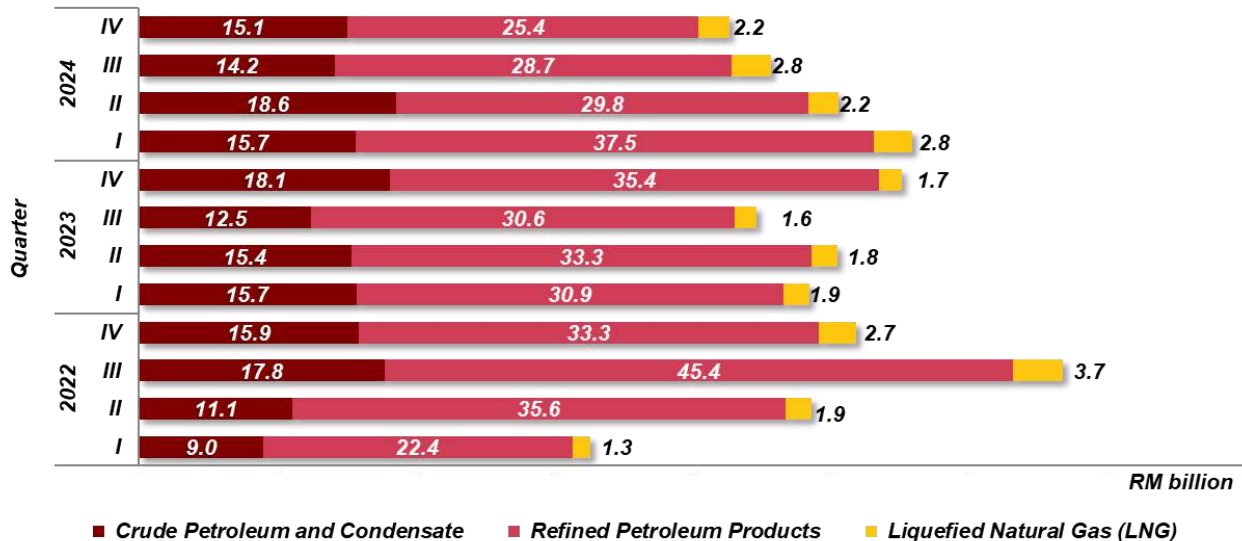




5. Imports for Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas (LNG), Fourth Quarter of 2024

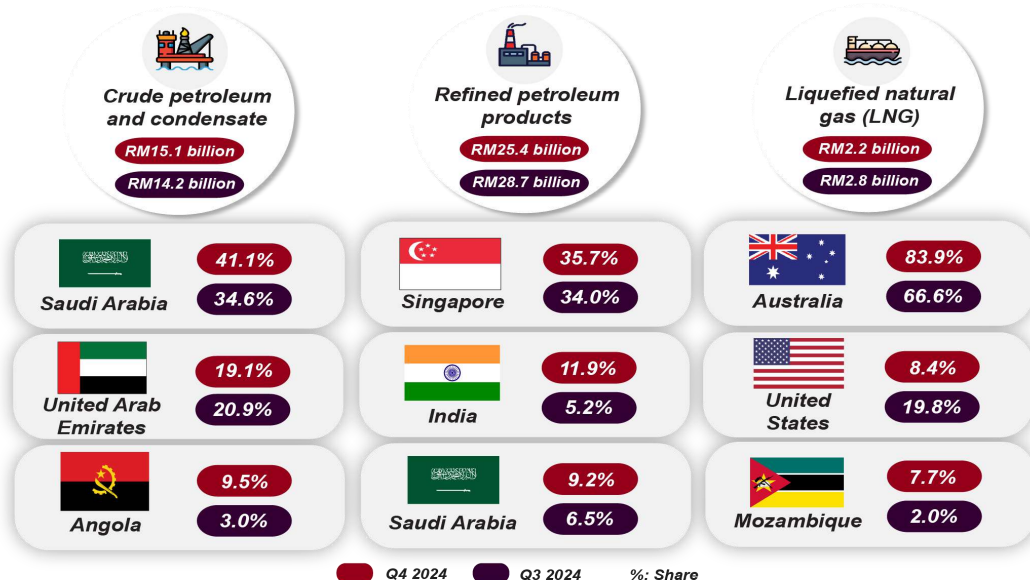
The import value of Crude petroleum and condensate increased to RM15.1 billion (Q3 2024: RM14.2 billion). Furthermore, the import value of Refined petroleum products decreased by RM25.4 billion (Q3 2024: RM28.7 billion). The import value of LNG totalled RM2.2 billion in the fourth quarter of 2024 (Q3 2024: RM2.8 billion), as depicted in **Chart 6**.

Chart 6 Imports of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas (LNG), Q1 2022 - Q4 2024



Saudi Arabia continued to dominate as the primary source country for Crude petroleum and condensate imports, contributing 41.1 per cent in the fourth quarter of 2024, followed by the United Arab Emirates (19.1%) and Angola (9.5%). In the Refined petroleum products import segment, Singapore emerged as the largest contributor with 35.7 per cent, followed by India (11.9%) and Saudi Arabia (9.2%). Meanwhile, Australia remained the leading source country for LNG imports, recording the highest import value at RM1.9 billion or 83.9 per cent, followed by the United States (8.4%) and Mozambique (7.7%), as depicted in **Exhibit 2**.

Exhibit 2 Imports by Major Country of Origin - Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas (LNG), Q4 2024



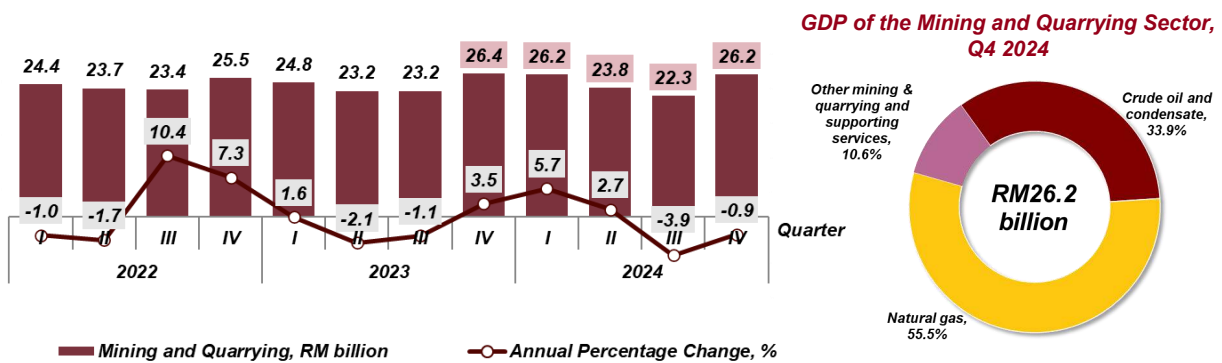


SUMMARY OF FINDINGS

6. Gross Domestic Product of the Mining and Quarrying Sector at Constant 2015 Prices, Fourth Quarter of 2024

The Gross Domestic Product (GDP) for the Mining and Quarrying sector showed signs of recovery, improving to negative 0.9 per cent compared to negative 3.9 per cent in the third quarter of 2024, as depicted in **Chart 7**. Natural gas subsector remained the key pillar, contributing more than 50 per cent to the Mining and Quarrying sector, reaching 55.5 per cent in this quarter. Meanwhile, Crude oil and condensate accounted for 33.9 per cent of the sector's growth.

Chart 7 Gross Domestic Product of the Mining and Quarrying Sector at Constant 2015 Prices, Q1 2022 - Q4 2024

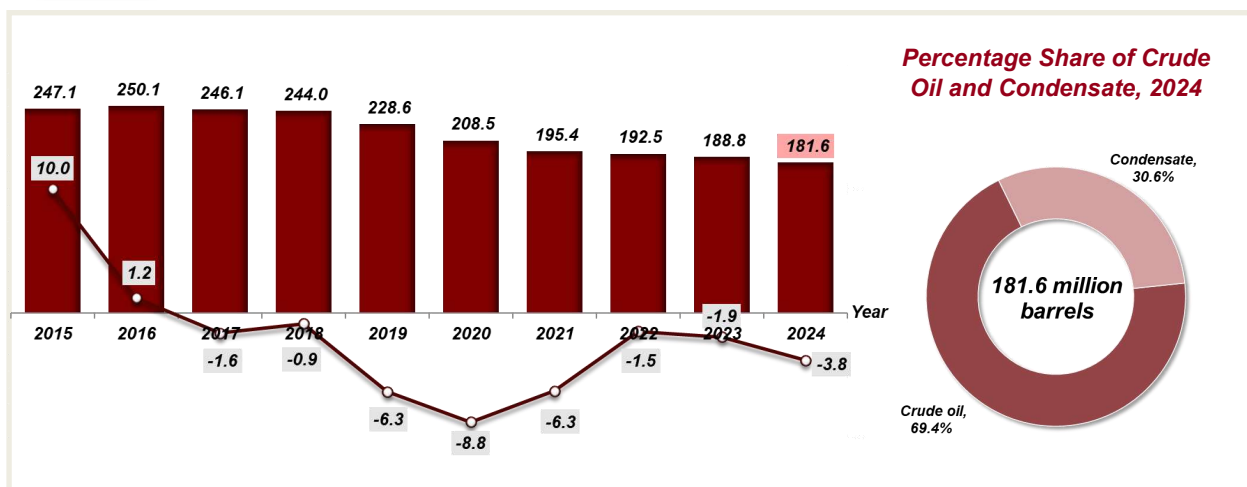


7. Performance of Crude Oil & Condensate and Natural Gas Production, 2024

The production of Crude oil and condensate decreased by 3.8 per cent to 181.6 million barrels (2023: -1.9%; 188.8 million barrels) caused by a 7.3 per cent drop in production of Crude oil (2023: -6.3%). Conversely, production of Condensate increased by 5.3 per cent compared 11.3 per cent in 2023, as in **Chart 8**.

In terms of contribution, Crude oil encompassed 69.4 per cent or 126.0 million barrels, while Condensate accounted for the remaining 30.6 per cent or 55.6 million barrels.

Chart 8 Performance of Crude Oil and Condensate Production, 2015 - 2024

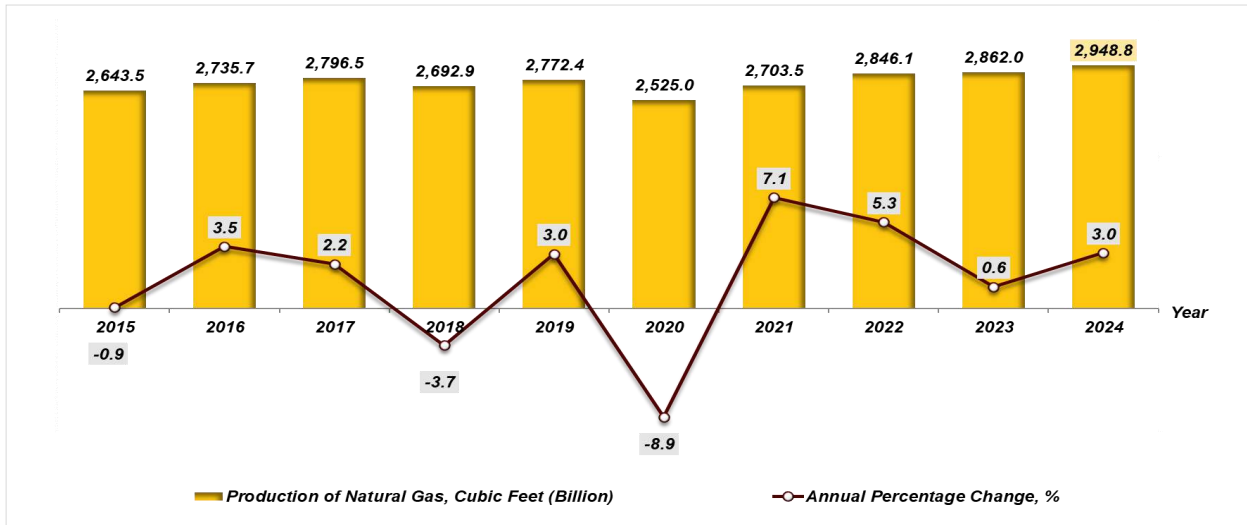


Note: Calculation by DOSM using the statistics from PETRONAS and MTJA



In 2024, the Natural gas increased by 3.0 per cent, reaching 2,948.8 billion cubic feet (2023: 0.6%; 2,862.0 billion cubic feet) as in **Chart 9**.

Chart 9 Performance of Natural Gas Production, 2015 - 2024

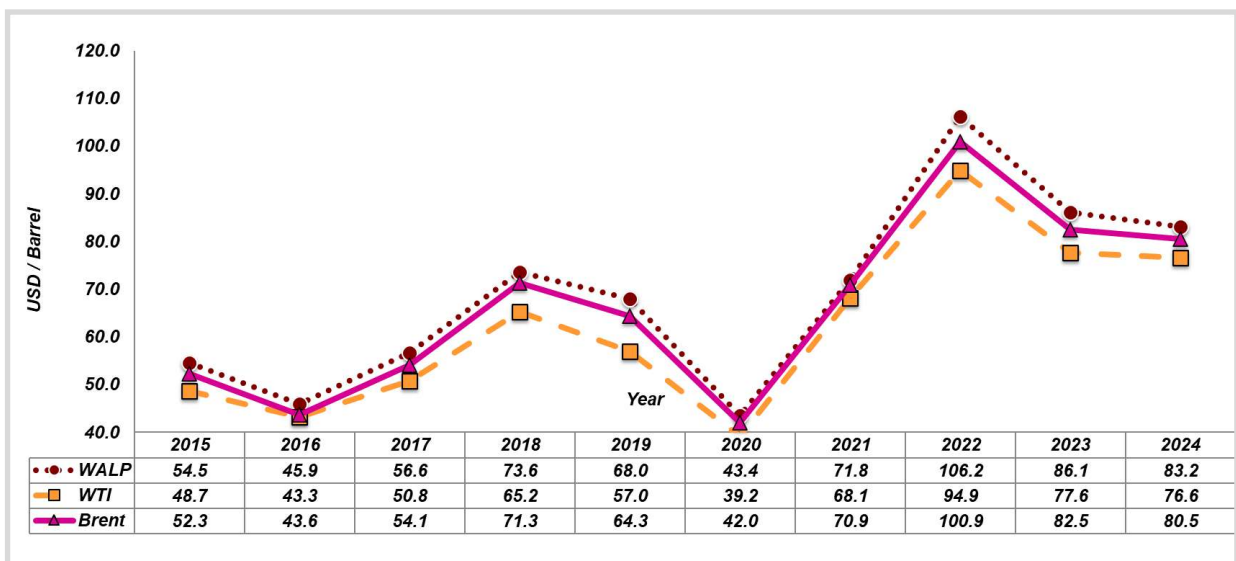


Note: Calculation by DOSM using the statistics from PETRONAS and MTJA

8. Prices of Crude Oil and Condensate, 2024

The Weighted Average Lifting Price (WALP) for Crude oil and condensate in Malaysia declined to USD83.2 per barrel in 2024 compared to USD86.1 per barrel recorded in the previous year. Similarly, WTI and Brent prices also registered a decrease, reaching USD76.6 per barrel (2023: USD77.6 per barrel) and USD80.5 per barrel (2023: USD82.5 per barrel) respectively as shown in **Chart 10**.

Chart 10 Prices of Crude Oil and Condensate, 2015 - 2024



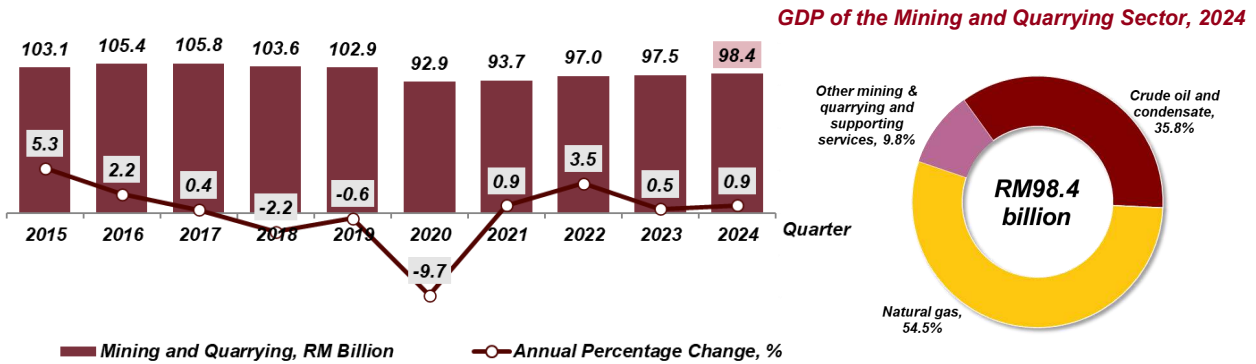
Source: PETRONAS and EIA



9. Gross Domestic Product of the Mining and Quarrying Sector at Constant 2015 Prices, 2024

The Gross Domestic Product (GDP) for the Mining and Quarrying sector increased to 0.9 per cent in 2024 as compared to 0.5 per cent recorded in the previous year (**Chart 11**). In terms of composition, Natural gas subsector emerged as the primary contributor, accounting for 54.5 per cent of the total sector. Meanwhile, Crude oil and condensate registered a share of 35.8 per cent in 2024.

Chart 11 Gross Domestic Product of the Mining and Quarrying Sector at Constant 2015 Prices, 2015 - 2024



BAHAGIAN
PART

2

JADUAL STATISTIK
STATISTICAL TABLES



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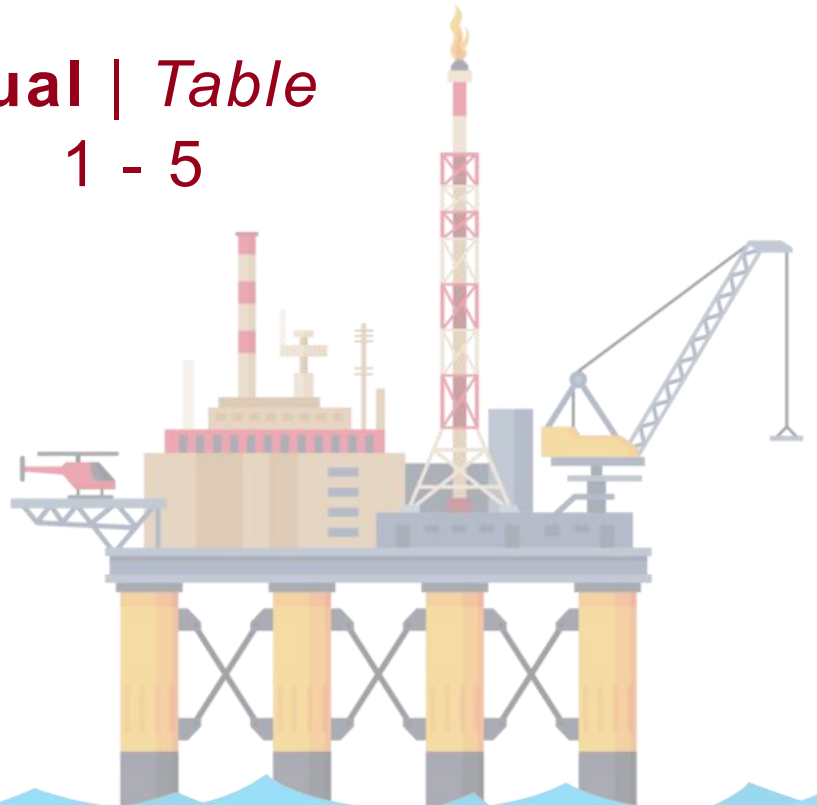
JADUAL STATISTIK *STATISTICAL TABLES*

SEGMENT
SEGMENT

A

PENGELUARAN, JUALAN DAN HARGA *PRODUCTION, SALES AND PRICES*

Jadual | *Table*
1 - 5



1a **Pengeluaran Minyak Mentah & Kondensat dan Gas Asli - Tahunan**
Production of Crude Oil & Condensate and Natural Gas - Annually

Keterangan <i>Description</i>		2018	2019	2020	2021	2022[†]	2023^P	2024
(A) Pengeluaran <i>Production</i>								
Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i>	Juta Tong <i>Million Barrels</i>	244.0	228.6	208.5	195.4	192.5	188.8	181.6
Minyak Mentah <i>Crude Oil</i>	Juta Tong <i>Million Barrels</i>	197.4	182.8	167.4	152.2	145.1	136.0	126.0
Kondensat <i>Condensate</i>	Juta Tong <i>Million Barrels</i>	46.6	45.8	41.1	43.2	47.4	52.8	55.6
Gas Asli <i>Natural Gas</i>	BCF	2,692.9	2,772.4	2,525.0	2,703.5	2,846.1	2,862.0	2,948.8
(B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i>								
Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i>		-0.9	-6.3	-8.8	-6.3	-1.5	-1.9	-3.8
Minyak Mentah <i>Crude Oil</i>		-2.4	-7.4	-8.4	-9.1	-4.7	-6.3	-7.3
Kondensat <i>Condensate</i>		6.5	-1.7	-10.2	5.2	9.7	11.3	5.3
Gas Asli <i>Natural Gas</i>		-3.7	3.0	-8.9	7.1	5.3	0.6	3.0
(C) Peratusan Sumbangan <i>Percentage Share</i>								
Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i>		100.0	100.0	100.0	100.0	100.0	100.0	100.0
Minyak Mentah <i>Crude Oil</i>		80.9	80.0	80.3	77.9	75.4	72.0	69.4
Kondensat <i>Condensate</i>		19.1	20.0	19.7	22.1	24.6	28.0	30.6
Gas Asli <i>Natural Gas</i>		100.0	100.0	100.0	100.0	100.0	100.0	100.0

Nota / Notes :

Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA
Calculation by DOSM using the statistics from PETRONAS and MTJA

^P *Awalan / Preliminary*

[†] *Disemak / Revised*

1b **Pengeluaran Minyak Mentah & Kondensat dan Gas Asli - Suku Tahunan**
Production of Crude Oil & Condensate and Natural Gas - Quarterly

Keterangan Description		2022 ^f				2023 ^p				2024			
		I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Pengeluaran <i>Production</i>													
Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i>	Juta Tong <i>Million Barrels</i>	48.8	47.5	46.7	49.5	48.2	45.5	45.9	49.1	48.0	46.1	41.8	45.7
Minyak Mentah <i>Crude Oil</i>	Juta Tong <i>Million Barrels</i>	37.4	35.7	34.9	37.0	35.3	33.1	33.1	34.6	33.2	33.1	28.4	31.3
Kondensat <i>Condensate</i>	Juta Tong <i>Million Barrels</i>	11.4	11.8	11.8	12.4	13.0	12.5	12.8	14.5	14.8	13.0	13.4	14.4
Gas Asli <i>Natural Gas</i>	BCF	723.0	693.6	693.5	735.9	733.3	676.6	677.8	774.2	799.8	696.8	659.3	792.8
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya <i>Percentage Change from Corresponding Quarter of Preceding Year</i>													
Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i>		-6.3	-6.4	2.7	5.1	-1.2	-4.2	-1.8	-0.6	-0.5	1.3	-8.9	-7.0
Minyak Mentah <i>Crude Oil</i>		-6.9	-9.8	-2.5	1.2	-5.8	-7.5	-5.2	-6.6	-5.8	0.1	-14.2	-9.6
Kondensat <i>Condensate</i>		-4.2	5.9	21.6	18.7	13.8	5.6	8.5	17.0	14.0	4.2	4.6	-0.8
Gas Asli <i>Natural Gas</i>		2.0	-0.4	13.9	6.8	1.4	-2.5	-2.3	5.2	9.1	3.0	-2.7	2.4
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya <i>Percentage Change from Preceding Quarter</i>													
Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i>		3.7	-2.7	-1.7	5.9	-2.5	-5.6	0.9	7.0	-2.3	-4.0	-9.3	9.3
Minyak Mentah <i>Crude Oil</i>		2.2	-4.6	-2.2	6.1	-4.8	-6.3	0.1	4.6	-4.0	-0.4	-14.2	10.2
Kondensat <i>Condensate</i>		8.8	3.6	0.2	5.1	4.3	-3.8	2.9	13.3	1.7	-12.1	3.2	7.5
Gas Asli <i>Natural Gas</i>		4.9	-4.1	0.0	6.1	-0.3	-7.7	0.2	14.2	3.3	-12.9	-5.4	20.2
(D) Peratusan Sumbangan <i>Percentage Share</i>													
Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i>		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Minyak Mentah <i>Crude Oil</i>		76.7	75.2	74.7	74.9	73.1	72.6	72.1	70.4	69.2	71.8	67.9	68.5
Kondensat <i>Condensate</i>		23.3	24.8	25.3	25.1	26.9	27.4	27.9	29.6	30.8	28.2	32.1	31.5
Gas Asli <i>Natural Gas</i>		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Nota / Notes :

Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA
Calculation by DOSM using the statistics from PETRONAS and MTJA

^p *Awalan / Preliminary*

^f *Disemak / Revised*

2a **Harga Minyak dan Gas - Tahunan**
Price of Oil and Gas - Annually

Keterangan <i>Description</i>	2018	2019	2020	2021	2022	2023	2024
(A) Harga (US Dollar) <i>Price (US Dollar)</i>							
Harga Purata 'Lifting' Berpemberat (USD/Tong) <i>Weighted Average Lifting Price (USD/Barrel)</i>	73.6	68.0	43.4	71.8	106.2	86.1	83.2
Cushing, OK WTI Spot Price FOB <i>[Products in Dollars per Barrel]</i>	65.2	57.0	39.2	68.1	94.9	77.6	76.6
Europe Brent Spot Price FOB <i>[Products in Dollars per Barrel]</i>	71.3	64.3	42.0	70.9	100.9	82.5	80.5
Natural Gas Spot and Futures Prices (NYMEX) <i>[Dollars per Million Btu]</i>	3.2	2.6	2.0	3.9	6.5	2.5	2.2
(B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i>							
Harga Purata 'Lifting' Berpemberat (USD/Tong) <i>Weighted Average Lifting Price (USD/Barrel)</i>	29.9	-7.6	-36.1	65.4	47.8	-18.9	-3.5
Cushing, OK WTI Spot Price FOB <i>[Products in Dollars per Barrel]</i>	28.4	-12.6	-31.3	74.0	39.3	-18.3	-1.2
Europe Brent Spot Price FOB <i>[Products in Dollars per Barrel]</i>	31.8	-9.9	-34.7	68.9	42.4	-18.3	-2.4
Natural Gas Spot and Futures Prices (NYMEX) <i>[Dollars per Million Btu]</i>	5.4	-18.8	-20.7	91.6	65.8	-60.8	-13.4

Sumber / Sources : Energy Information Association (EIA) & PETRONAS

2b Harga Minyak dan Gas - Suku Tahunan
Price of Oil and Gas - Quarterly

Keterangan Description	2022				2023				2024			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Harga (US Dollar) Price (US Dollar)												
Harga Purata 'Lifting' Berpemberat (USD/Tong) Weighted Average Lifting Price (USD/Barrel)	105.6	116.5	108.8	94.5	85.6	80.5	89.4	88.5	86.9	86.9	82.0	76.3
Cushing, OK WTI Spot Price FOB [Products in Dollars per Barrel]	94.5	108.7	93.2	82.8	76.1	73.8	82.3	78.4	77.6	81.7	76.2	70.7
Europe Brent Spot Price FOB [Products in Dollars per Barrel]	100.3	113.5	100.7	88.5	81.2	78.3	86.7	83.7	83.0	84.6	79.8	74.6
Natural Gas Spot and Futures Prices (NYMEX) [Dollars per Million Btu]	4.7	7.5	8.0	5.5	2.7	2.2	2.6	2.7	2.1	2.1	2.1	2.4
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya Percentage Change from Corresponding Quarter of Preceding Year												
Harga Purata 'Lifting' Berpemberat (USD/Tong) Weighted Average Lifting Price (USD/Barrel)	70.1	66.7	46.7	15.1	-18.9	-30.9	-17.8	-6.4	1.5	7.9	-8.3	-13.8
Cushing, OK WTI Spot Price FOB [Products in Dollars per Barrel]	63.4	64.5	31.9	6.9	-19.4	-32.1	-11.7	-5.3	1.9	10.8	-7.4	-9.8
Europe Brent Spot Price FOB [Products in Dollars per Barrel]	64.9	64.9	37.1	11.2	-19.1	-31.0	-14.0	-5.5	2.3	8.1	-7.9	-10.9
Natural Gas Spot and Futures Prices (NYMEX) [Dollars per Million Btu]	30.8	154.1	83.4	16.2	-43.0	-71.1	-67.6	-50.7	-19.7	-3.7	-18.5	-10.7
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya Percentage Change from Preceding Quarter												
Harga Purata 'Lifting' Berpemberat (USD/Tong) Weighted Average Lifting Price (USD/Barrel)	28.6	10.3	-6.6	-13.1	-9.4	-6.0	11.1	-1.0	-1.8	0.0	-5.6	-7.0
Cushing, OK WTI Spot Price FOB [Products in Dollars per Barrel]	22.0	15.1	-14.3	-11.2	-8.1	-3.0	11.5	-4.7	-1.1	5.4	-6.7	-7.3
Europe Brent Spot Price FOB [Products in Dollars per Barrel]	26.0	13.2	-11.3	-12.1	-8.3	-3.5	10.7	-3.4	-0.8	2.0	-5.7	-6.6
Natural Gas Spot and Futures Prices (NYMEX) [Dollars per Million Btu]	-2.4	60.6	6.8	-30.6	-52.2	-18.5	19.7	5.7	-22.2	-2.2	1.3	15.8

Sumber / Sources : Energy Information Association (EIA) & PETRONAS

3a **Pengeluaran Produk Utama dalam Industri Produk Petroleum Bertapis - Tahunan**
Production of Major Products in Refined Petroleum Products Industry - Annually

Keterangan Description	2018	2019	2020	2021	2022	2023	2024
(A) Pengeluaran ('000 Tan Metrik) <i>Production ('000 Metric Tonnes)</i>							
Gas Asli Cecair / Liquefied Natural Gas	28,161	28,672	26,576	29,012	31,283	31,224	31,087
Gas Petroleum Cecair / Liquefied Petroleum Gas	2,722	2,901	2,549	2,693	2,678	2,606	2,356
Gasolin (Spirit Motor) / Gasoline (Motor Spirit)	5,828	5,862	4,981	6,433	6,466	4,758	4,238
Minyak Bahan Api / Fuel Oil	2,802	2,701	2,089	2,119	1,990	1,962	2,110
Minyak Diesel / Gas / Diesel / Gas Oil	12,216	13,019	10,922	12,881	15,332	16,236	17,053
Minyak Pelincir Campuran / Blended Lubricating Oil	158	138	92	107	145	182	240
Minyak Tanah / Kerosene	4,123	4,236	3,695	4,168	3,158	3,286	3,580
Nafta / Naptha	4,266	4,336	3,754	3,901	3,259	3,061	3,343
Jumlah / Total	60,277	61,864	54,658	61,314	64,311	63,316	64,006
(B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i>							
Gas Asli Cecair / Liquefied Natural Gas	3.9	1.8	-7.3	9.2	7.8	-0.2	-0.4
Gas Petroleum Cecair / Liquefied Petroleum Gas	11.2	6.6	-12.1	5.6	-0.6	-2.7	-9.6
Gasolin (Spirit Motor) / Gasoline (Motor Spirit)	1.7	0.6	-15.0	29.2	0.5	-26.4	-10.9
Minyak Bahan Api / Fuel Oil	-0.5	-3.6	-22.7	1.4	-6.1	-1.4	7.6
Minyak Diesel / Gas / Diesel / Gas Oil	0.5	6.6	-16.1	17.9	19.0	5.9	5.0
Minyak Pelincir Campuran / Blended Lubricating Oil	5.4	-12.4	-33.3	15.4	35.7	26.0	31.5
Minyak Tanah / Kerosene	4.5	2.7	-12.8	12.8	-24.2	4.1	8.9
Nafta / Naptha	5.5	1.6	-13.4	3.9	-16.5	-6.1	9.2
Jumlah / Total	3.2	2.6	-11.6	12.2	4.9	-1.5	1.1
(C) Peratusan Sumbangan <i>Percentage Share</i>							
Gas Asli Cecair / Liquefied Natural Gas	46.7	46.3	48.6	47.3	48.6	49.3	48.6
Gas Petroleum Cecair / Liquefied Petroleum Gas	4.5	4.7	4.7	4.4	4.2	4.1	3.7
Gasolin (Spirit Motor) / Gasoline (Motor Spirit)	9.7	9.5	9.1	10.5	10.1	7.5	6.6
Minyak Bahan Api / Fuel Oil	4.6	4.4	3.8	3.5	3.1	3.1	3.3
Minyak Diesel / Gas / Diesel / Gas Oil	20.3	21.0	20.0	21.0	23.8	25.6	26.6
Minyak Pelincir Campuran / Blended Lubricating Oil	0.3	0.2	0.2	0.2	0.2	0.3	0.4
Minyak Tanah / Kerosene	6.8	6.8	6.8	6.8	4.9	5.2	5.6
Nafta / Naptha	7.1	7.0	6.9	6.4	5.1	4.8	5.2
Jumlah / Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Perangkaan Pembuatan Bulanan
Source : Monthly Manufacturing Statistics

3b **Pengeluaran Produk Utama dalam Industri Petroleum Bertapis - Suku Tahunan**
Production of Major Products in Refined Petroleum Products Industry- Quarterly

Keterangan Description	2022				2023				2024			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Pengeluaran (*000 Tan Metrik) <i>Production (*000 Metric Tonnes)</i>												
Gas Asli Cecair / Liquefied Natural Gas	8,023	7,385	8,337	7,539	8,390	7,069	7,888	7,933	9,054	7,078	7,637	7,318
Gas Petroleum Cecair / Liquefied Petroleum Gas	673	705	654	645	670	727	605	521	572	721	608	454
Gasolin (Spirit Motor) / Gasoline (Motor Spirit)	1,446	1,827	1,834	1,359	1,159	1,327	1,269	883	727	1,065	1,438	1,007
Minyak Bahan Api / Fuel Oil	516	446	500	529	438	478	558	462	461	579	624	446
Minyak Diesel / Gas / Diesel / Gas Oil	3,401	2,804	4,374	4,753	4,741	3,070	4,009	4,368	4,340	3,361	4,258	5,095
Minyak Pelincir Campuran / Blended Lubricating Oil	23	29	48	45	36	41	52	56	50	56	70	64
Minyak Tanah / Kerosene	827	774	745	812	799	1,009	701	767	756	1,178	826	819
Nafta / Naptha	865	805	806	783	738	937	643	657	643	1,132	798	769
Jumlah / Total	15,773	14,776	17,297	16,465	16,971	14,658	15,726	15,647	16,603	15,172	16,259	15,973
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya <i>Percentage Change from Corresponding Quarter of Preceding Year</i>												
Gas Asli Cecair / Liquefied Natural Gas	5.1	7.0	15.8	3.7	4.6	-4.3	-5.4	5.2	7.9	0.1	-3.2	-7.8
Gas Petroleum Cecair / Liquefied Petroleum Gas	2.5	8.5	-0.6	-11.4	-0.4	3.1	-7.4	-19.2	-14.6	-0.8	0.4	-12.8
Gasolin (Spirit Motor) / Gasoline (Motor Spirit)	-1.8	18.6	4.2	-18.1	-19.8	-27.4	-30.8	-35.0	-37.3	-19.7	13.3	14.0
Minyak Bahan Api / Fuel Oil	-1.4	-12.5	-12.9	3.3	-15.1	7.1	11.6	-12.7	5.4	21.3	11.7	-3.4
Minyak Diesel / Gas / Diesel / Gas Oil	14.3	4.6	20.4	32.3	39.4	9.5	-8.3	-8.1	-8.5	9.5	6.2	16.7
Minyak Pelincir Campuran / Blended Lubricating Oil	23.8	21.0	40.3	49.6	56.3	43.9	9.1	25.9	36.8	36.1	34.2	12.8
Minyak Tanah / Kerosene	-10.8	-25.1	-32.1	-26.9	-3.4	30.4	-5.9	-5.6	-5.4	16.8	17.9	6.9
Nafta / Naptha	-15.5	-16.6	-16.8	-17.1	-14.7	16.4	-20.2	-16.2	-12.9	20.9	24.1	17.1
Jumlah / Total	3.5	3.3	8.6	3.9	7.6	-0.8	-9.1	-5.0	-2.2	3.5	3.4	2.1
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya <i>Percentage Change from Preceding Quarter</i>												
Gas Asli Cecair / Liquefied Natural Gas	10.4	-7.9	12.9	-9.6	11.3	-15.7	11.6	0.6	14.1	-21.8	7.9	-4.2
Gas Petroleum Cecair / Liquefied Petroleum Gas	-7.6	4.8	-7.3	-1.3	3.8	8.5	-16.8	-13.9	9.8	26.0	-15.7	-25.3
Gasolin (Spirit Motor) / Gasoline (Motor Spirit)	-12.9	26.4	0.3	-25.9	-14.7	14.5	-4.4	-30.4	-17.7	46.5	34.9	-29.9
Minyak Bahan Api / Fuel Oil	0.8	-13.6	12.2	5.7	-17.2	9.1	16.9	-17.3	-0.1	25.5	7.7	-28.5
Minyak Diesel / Gas / Diesel / Gas Oil	-5.3	-17.5	56.0	8.7	-0.3	-35.2	30.6	8.9	-0.6	-22.6	26.7	19.7
Minyak Pelincir Campuran / Blended Lubricating Oil	-22.2	23.0	66.4	-6.0	-18.7	13.2	26.0	8.5	-11.7	12.7	24.2	-8.8
Minyak Tanah / Kerosene	-25.5	-6.4	-3.7	9.0	-1.6	26.3	-30.5	9.4	-1.5	56.0	-29.9	-0.9
Nafta / Naptha	-8.4	-7.0	0.1	-2.8	-5.8	26.9	-31.3	2.1	-2.1	76.1	-29.5	-3.6
Jumlah / Total	-0.5	-6.3	17.1	-4.8	3.1	-13.6	7.3	-0.5	6.1	-8.6	7.2	-1.8
(D) Peratusan Sumbangan <i>Percentage Share</i>												
Gas Asli Cecair / Liquefied Natural Gas	50.9	50.0	48.2	45.8	49.4	48.2	50.2	50.7	54.5	46.7	47.0	45.8
Gas Petroleum Cecair / Liquefied Petroleum Gas	4.3	4.8	3.8	3.9	3.9	5.0	3.8	3.3	3.4	4.8	3.7	2.8
Gasolin (Spirit Motor) / Gasoline (Motor Spirit)	9.2	12.4	10.6	8.3	6.8	9.1	8.1	5.6	4.4	7.0	8.8	6.3
Minyak Bahan Api / Fuel Oil	3.3	3.0	2.9	3.2	2.6	3.3	3.5	3.0	2.8	3.8	3.8	2.8
Minyak Diesel / Gas / Diesel / Gas Oil	21.6	19.0	25.3	28.9	27.9	20.9	25.5	27.9	26.1	22.2	26.2	31.9
Minyak Pelincir Campuran / Blended Lubricating Oil	0.1	0.2	0.3	0.3	0.2	0.3	0.3	0.4	0.3	0.4	0.4	0.4
Minyak Tanah / Kerosene	5.2	5.2	4.3	4.9	4.7	6.9	4.5	4.9	4.6	7.8	5.1	5.1
Nafta / Naptha	5.5	5.4	4.7	4.8	4.3	6.4	4.1	4.2	3.9	7.5	4.9	4.8
Jumlah / Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Perangkaan Pembuatan Bulanan
Source : Monthly Manufacturing Statistics

4a **Pengeluaran Produk Utama dalam Industri Produk Kimia - Tahunan**
Production of Major Products in Chemical Products Industry - Annually

Keterangan <i>Description</i>		2018	2019	2020	2021	2022	2023	2024
(A) Pengeluaran ('000) <i>Production ('000)</i>								
Baja (termasuk urea) / Fertilizers (includes urea)	(Tan / Tonne)	3,616	3,721	4,080	5,840	7,584	5,906	5,369
Cat asas / Primers	(Liter / Litre)	24,642	29,629	20,037	19,302	18,341	21,341	24,679
Cat emulsi / Emulsion paints	(Liter / Litre)	118,111	101,689	68,601	49,480	58,557	69,895	53,918
Cat lapis / Under-coats	(Liter / Litre)	14,754	14,977	13,868	17,892	17,876	13,018	11,460
Dakwat pencetak / Printing ink	(Tan / Tonne)	38	33	35	29	22	21	25
Methanol (methyl alcohol) / Methanol (methyl alcohol)	(Tan / Tonne)	6,034	6,999	4,555	3,717	4,365	5,091	6,418
Nitrogen dan oksigen / Nitrogen and oxygen	(Meter padu Cubic metre)	418,770	416,483	456,280	564,435	610,924	526,968	455,287
Pelekat perindustrian / Adhesive, industrial	(Liter / Litre)	241,025	191,096	161,056	156,032	156,135	166,254	168,412
Pelembut fabrik / Fabric softener	(Liter / Litre)	65,640	65,858	40,262	33,369	31,289	29,438	31,632
Sebatian P.V.C. / P.V.C. compound	(Tan / Tonne)	110	101	76	88	71	56	44
Racun serangga aerosol (cecair) / Aerosol insecticides (liquid)	(Liter / Litre)	7,965	7,398	7,242	7,058	6,083	5,163	4,240
Racun herba (cecair) / Herbicides (liquid)	(Liter / Litre)	58,626	38,807	55,499	68,378	97,263	91,732	71,789
Racun herba (bukan cecair) / Herbicides (non-liquid)	(Tan / Tonne)	32	27	43	66	91	58	28
Sabun mandi / Toilet soap	(Tan / Tonne)	45	46	21	17	15	15	16
Sabun serbuk (bahan pencuci) / Soap powder (detergents)	(Tan / Tonne)	148	133	97	102	97	78	90
(B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i>								
Baja (termasuk urea) / Fertilizers (includes urea)		27.4	2.9	9.7	43.1	29.9	-22.1	-9.1
Cat asas / Primers		18.6	20.2	-32.4	-3.7	-5.0	16.4	15.6
Cat emulsi / Emulsion paints		28.1	-13.9	-32.5	-27.9	18.3	19.4	-22.9
Cat lapis / Under-coats		44.1	1.5	-7.4	29.0	-0.1	-27.2	-12.0
Dakwat pencetak / Printing ink		-9.7	-13.2	8.4	-18.7	-23.5	-4.3	21.3
Methanol (methyl alcohol) / Methanol (methyl alcohol)		176.2	16.0	-34.9	-18.4	17.4	16.6	26.1
Nitrogen dan oksigen / Nitrogen and oxygen		-38.1	-0.5	9.6	23.7	8.2	-13.7	-13.6
Pelekat perindustrian / Adhesive, industrial		6.2	-20.7	-15.7	-3.1	0.1	6.5	1.3
Pelembut fabrik / Fabric softener		4.5	0.3	-38.9	-17.1	-6.2	-5.9	7.5
Sebatian P.V.C. / P.V.C. compound		0.1	-8.0	-24.6	16.0	-19.1	-21.1	-22.5
Racun serangga aerosol (cecair) / Aerosol insecticides (liquid)		-13.8	-7.1	-2.1	-2.5	-13.8	-15.1	-17.9
Racun herba (cecair) / Herbicides (liquid)		7.2	-33.8	43.0	23.2	42.2	-5.7	-21.7
Racun herba (bukan cecair) / Herbicides (non-liquid)		152.1	-16.5	60.8	53.1	38.2	-36.9	-51.6
Sabun mandi / Toilet soap		33.0	0.3	-53.8	-19.6	-8.5	-3.5	8.1
Sabun serbuk (bahan pencuci) / Soap powder (detergents)		-19.0	-10.0	-27.4	5.5	-4.6	-20.1	16.2

Sumber : Perangkaan Pembuatan Bulanan
Source : Monthly Manufacturing Statistics

4b Pengeluaran Utama dalam Industri Produk Kimia - Suku Tahunan
Production of Major Products in Chemical Products Industry - Quarterly

Keterangan Description	2022				2023				2024				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	
(A) Pengeluaran ('000) Production ('000)													
Baja (termasuk urea) / Fertilizers (includes urea)	(Tan / Tonne)	1,757	1,549	2,113	2,166	1,507	1,261	1,627	1,511	1,379	1,293	1,384	1,314
Cat asas / Primers	(Liter / Litre)	5,044	3,624	4,572	5,101	4,731	3,740	6,271	6,599	5,710	5,147	7,362	6,460
Cat emulsi / Emulsion paints	(Liter / Litre)	13,015	12,026	17,346	16,170	19,543	17,595	18,126	14,631	17,706	12,833	11,365	12,014
Cat lapis / Under-coats	(Liter / Litre)	3,964	3,972	4,801	5,139	4,546	4,353	1,717	2,402	2,960	3,458	2,406	2,636
Dakwat pencetak / Printing ink	(Tan / Tonne)	6	6	5	5	6	5	5	6	7	6	6	6
Methanol (methyl alcohol) / Methanol (methyl alcohol)	(Tan / Tonne)	1,254	973	1,032	1,106	1,186	951	1,266	1,688	1,610	1,399	1,541	1,869
Nitrogen dan oksigen / Nitrogen and oxygen	(Meter padu Cubic metre)	166,365	159,635	136,739	148,185	150,695	136,587	114,282	125,404	131,880	122,786	93,682	106,939
Pelekat perindustrian / Adhesive, industrial	(Liter / Litre)	37,967	41,141	39,620	37,407	40,810	43,856	40,012	41,576	38,803	42,251	41,265	46,093
Pelembut pabrik / Fabric softener	(Liter / Litre)	8,192	6,425	7,172	9,500	7,768	7,525	6,048	8,097	7,743	7,800	7,031	9,058
Sebatian P.V.C. / P.V.C. compound	(Tan / Tonne)	23	16	17	16	18	15	14	10	11	11	11	11
Racun serangga aerosol (cecair) / Aerosol insecticides (liquid)	(Liter / Litre)	1,636	1,426	1,562	1,459	1,214	1,323	1,457	1,170	1,214	1,088	1,015	923
Racun herba (cecair) / Herbicides (liquid)	(Liter / Litre)	26,824	24,039	21,330	25,070	26,521	26,804	18,872	19,535	25,032	20,322	11,666	14,769
Racun herba (bukan cecair) / Herbicides (non-liquid)	(Tan / Tonne)	23	25	22	21	15	18	15	10	9	7	5	7
Sabun mandi / Toilet soap	(Tan / Tonne)	4	3	4	5	4	4	4	3	5	4	4	3
Sabun serbuk (bahan pencuci) / Soap powder (detergents)	(Tan / Tonne)	25	21	28	22	19	19	20	20	20	23	25	22
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya Percentage Change from Corresponding Quarter of Preceding Year													
Baja (termasuk urea) / Fertilizers (includes urea)		44.1	50.3	22.6	16.0	-14.2	-18.6	-23.0	-30.2	-8.5	2.5	-15.0	-13.0
Cat asas / Primers		-12.7	-3.8	1.8	-3.1	-6.2	3.2	37.2	29.4	20.7	37.6	17.4	-2.1
Cat emulsi / Emulsion paints		-15.8	-2.4	60.3	48.7	50.2	46.3	4.5	-9.5	-9.4	-27.1	-37.3	-17.9
Cat lapis / Under-coats		5.3	2.5	-5.6	-0.5	14.7	9.6	-64.2	-53.3	-34.9	-20.6	40.1	9.7
Dakwat pencetak / Printing ink		-0.3	-27.5	-38.8	-20.5	-7.1	-17.1	-2.6	10.8	17.2	34.7	24.0	12.1
Methanol (methyl alcohol) / Methanol (methyl alcohol)		42.1	28.3	1.7	4.1	-5.4	-2.3	22.7	52.6	35.7	47.1	21.7	10.7
Nitrogen dan oksigen / Nitrogen and oxygen		6.7	10.5	8.3	7.5	-9.4	-14.4	-16.4	-15.4	-12.5	-10.1	-18.0	-14.7
Pelekat perindustrian / Adhesive, industrial		-3.5	-3.3	1.3	6.9	7.5	6.6	1.0	11.1	-4.9	-3.7	3.1	10.9
Pelembut pabrik / Fabric softener		-3.0	-8.6	-5.4	-7.9	-5.2	17.1	-15.7	-14.8	-0.3	3.7	16.3	11.9
Sebatian P.V.C. / P.V.C. compound		-10.6	-7.6	-16.0	-37.2	-22.2	-6.6	-17.1	-37.3	-37.0	-24.9	-21.9	4.5
Racun serangga aerosol (cecair) / Aerosol insecticides (liquid)		-10.8	-22.1	-7.9	-13.9	-25.8	-7.3	-6.7	-19.8	0.0	-17.7	-30.3	-21.1
Racun herba (cecair) / Herbicides (liquid)		43.3	32.3	43.8	50.5	-1.1	11.5	-11.5	-22.1	-5.6	-24.2	-38.2	-24.4
Racun herba (bukan cecair) / Herbicides (non-liquid)		70.4	48.2	35.2	8.8	-34.7	-29.2	-33.7	-51.9	-41.4	-59.0	-66.1	-33.0
Sabun mandi / Toilet soap		-25.3	-11.1	0.7	3.9	13.6	12.7	-3.9	-28.3	9.7	13.8	4.9	3.6
Sabun serbuk (bahan pencuci) / Soap powder (detergents)		11.1	0.2	-0.6	-24.1	-24.2	-10.6	-29.3	-12.8	4.2	22.3	24.8	13.3
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya Percentage Change from Preceding Quarter													
Baja (termasuk urea) / Fertilizers (includes urea)		-5.9	-11.8	36.4	2.5	-30.4	-16.3	29.0	-7.1	-8.7	-6.3	7.1	-5.0
Cat emulsi / Emulsion paints		-4.2	-28.2	26.2	11.6	-7.3	-20.9	67.7	5.2	-13.5	-9.9	43.0	-12.3
Cat lapis / Under-coats		19.7	-7.6	44.2	-6.8	20.9	-10.0	3.0	-19.3	21.0	-27.5	-11.4	5.7
Cat asas / Primers		-23.3	0.2	20.9	7.0	-11.5	-4.2	-60.6	39.9	23.2	16.8	-30.4	9.6
Dakwat pencetak / Printing ink		-7.2	-8.1	-6.5	-0.4	8.5	-18.0	9.9	13.4	14.8	-5.8	1.1	2.6
Methanol (methyl alcohol) / Methanol (methyl alcohol)		18.1	-22.4	6.0	7.2	7.2	-19.8	33.1	33.3	-4.6	-13.1	10.1	21.3
Nitrogen dan oksigen / Nitrogen and oxygen		20.7	-4.0	-14.3	8.4	1.7	-9.4	-16.3	9.7	5.2	-6.9	-23.7	14.2
Pelekat perindustrian / Adhesive, industrial		8.5	8.4	-3.7	-5.6	9.1	7.5	-8.8	3.9	-6.7	8.9	-2.3	11.7
Pelembut pabrik / Fabric softener		-20.6	-21.6	11.6	32.5	-18.2	-3.1	-19.6	33.9	-4.4	0.7	-9.9	28.8
Sebatian P.V.C. / P.V.C. compound		-14.0	-30.5	6.6	-1.3	6.5	-16.6	-5.4	-25.5	7.2	-0.7	-1.5	-0.3
Racun serangga aerosol (cecair) / Aerosol insecticides (liquid)		-3.5	-12.8	9.5	-6.6	-16.8	9.0	10.1	-19.7	3.8	-10.4	-6.7	-9.1
Racun herba (cecair) / Herbicides (liquid)		61.0	-10.4	-11.3	17.5	5.8	1.1	-29.6	3.5	28.1	-18.8	-42.6	26.6
Racun herba (bukan cecair) / Herbicides (non-liquid)		21.9	7.5	-11.9	-5.7	-26.8	16.4	-17.5	-31.5	-10.9	-18.5	-31.8	35.4
Sabun mandi / Toilet soap		-15.8	-13.1	26.7	12.0	-7.9	-13.8	8.1	-16.5	40.9	-10.6	-0.3	-17.5
Sabun serbuk (bahan pencuci) / Soap powder (detergents)		-14.0	-15.2	31.1	-20.6	-14.0	-0.1	3.7	-2.0	2.7	17.3	5.9	-11.1

Sumber : Perangkaan Pembuatan Bulanan
Source : Monthly Manufacturing Statistics

5a Nilai Jualan Berkaitan Produk Petroleum - Tahunan
Sales Value of Related Petroleum Products - Annually

Keterangan Description	2018	2019	2020	2021	2022	2023	2024
(A) Nilai (RM Juta) Value (RM Million)							
Jualan Produk Petroleum Bertapis¹ Refined Petroleum Products ¹	141,655	149,476	128,477	175,557	249,901	224,749	208,646
Jualan Borong Bahan Api Pepejal, Cecair & Gas dan Produk Berkaitan² Wholesale of Solid, Liquid & Gaseous Fuels and Related Products ²	133,478	141,677	123,448	136,381	148,199	152,706	156,643
Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan² Retail Sale of Automotive Fuel in Specialised Stores ²	42,843	44,610	38,654	40,817	58,539	66,748	70,402
(B) Perubahan Peratusan Tahunan Annual Percentage Change							
Jualan Produk Petroleum Bertapis¹ Refined Petroleum Products ¹	9.2	5.5	-14.0	36.6	42.3	-10.1	-7.2
Jualan Borong Bahan Api Pepejal, Cecair & Gas dan Produk Berkaitan² Wholesale of Solid, Liquid & Gaseous Fuels and Related Products ²	5.4	6.1	-12.9	10.5	8.7	3.0	2.6
Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan² Retail Sale of Automotive Fuel in Specialised Stores ²	11.1	4.1	-13.4	5.6	43.4	14.0	5.5

Sumber / Source :

¹ Perangkaan Pembuatan Bulanan / Monthly Manufacturing Statistics

² Jabatan Perangkaan Malaysia (DOSM) / Department of Statistics, Malaysia (DOSM)

5b

Nilai Jualan Berkaitan Produk Petroleum - Suku Tahunan
Sales Value of Related Petroleum Products - Quarterly

Keterangan Description	2022				2023				2024			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Nilai (RM Juta) <i>Value (RM Million)</i>												
Jualan Produk Petroleum Bertapis¹ <i>Refined Petroleum Products¹</i>	45,669	60,286	75,616	68,330	55,680	56,542	58,478	54,050	48,509	52,490	56,180	51,468
Jualan Borong Bahan Api Pepejal, Cecair & Gas dan Produk Berkaitan² <i>Wholesale of Solid, Liquid & Gaseous Fuels and Related Products²</i>	36,494	38,027	37,543	36,135	36,116	37,572	40,112	38,906	38,537	38,736	39,700	39,670
Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan² <i>Retail Sale of Automotive Fuel in Specialised Stores²</i>	11,544	15,044	15,724	16,227	16,500	16,718	16,759	16,772	16,961	17,721	17,820	17,900
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya <i>Percentage Change from Corresponding Quarter of Preceding Year</i>												
Jualan Produk Petroleum Bertapis¹ <i>Refined Petroleum Products¹</i>	36.3	36.3	57.2	37.4	21.9	-6.2	-22.7	-20.9	-12.9	-7.2	-3.9	-4.8
Jualan Borong Bahan Api Pepejal, Cecair & Gas dan Produk Berkaitan² <i>Wholesale of Solid, Liquid & Gaseous Fuels and Related Products²</i>	6.0	11.2	17.5	1.0	-1.0	-1.2	6.8	7.7	6.7	3.1	-1.0	2.0
Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan² <i>Retail Sale of Automotive Fuel in Specialised Stores²</i>	14.7	62.5	56.4	41.8	42.9	11.1	6.6	3.4	2.8	6.0	6.3	6.7
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya <i>Percentage Change from Preceding Quarter</i>												
Jualan Produk Petroleum Bertapis¹ <i>Refined Petroleum Products¹</i>	-8.2	32.0	25.4	-9.6	-18.5	1.5	3.4	-7.6	-10.3	8.2	7.0	-8.4
Jualan Borong Bahan Api Pepejal, Cecair & Gas dan Produk Berkaitan² <i>Wholesale of Solid, Liquid & Gaseous Fuels and Related Products²</i>	2.0	4.2	-1.3	-3.8	-0.1	4.0	6.8	-3.0	-0.9	0.5	2.5	-0.1
Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan² <i>Retail Sale of Automotive Fuel in Specialised Stores²</i>	0.9	30.3	4.5	3.2	1.7	1.3	0.2	0.1	1.1	4.5	0.6	0.5

Sumber / Source :

¹ Perangkaan Pembuatan Bulanan / *Monthly Manufacturing Statistics*

² Jabatan Perangkaan Malaysia (DOSM) / *Department of Statistics, Malaysia (DOSM)*

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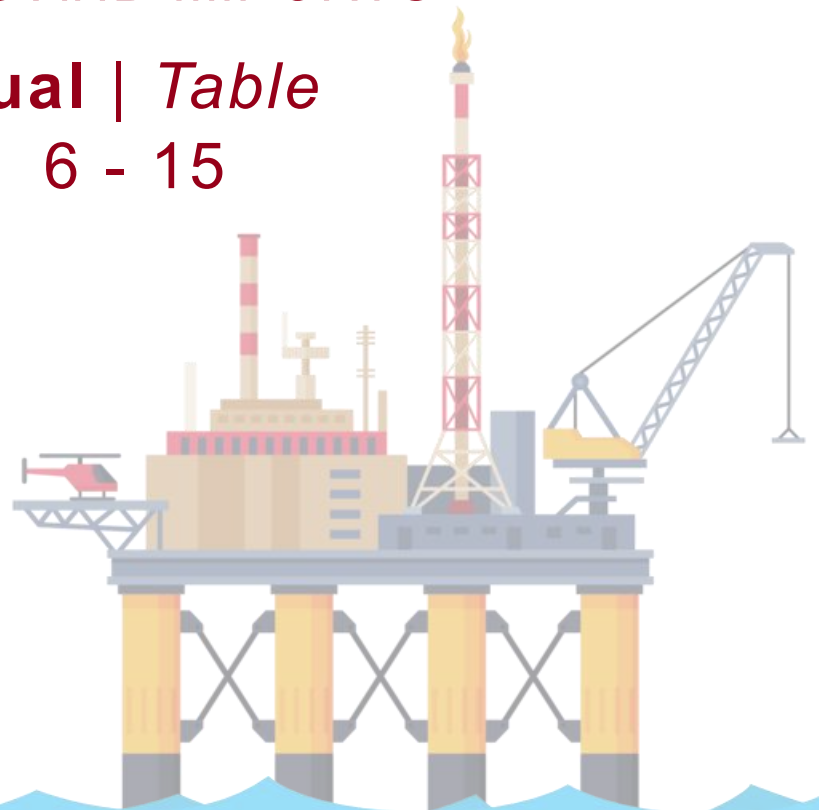
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6a Nilai Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Tahunan
Export Value of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Annually

Keterangan <i>Description</i>	2018	2019	2020	2021	2022	2023 ^f	2024 ^p
(A) Nilai (RM Juta) <i>Value (RM Million)</i>							
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	38,183	29,118	19,744	20,054	35,225	31,932	28,551
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	65,649	61,803	53,729	86,160	149,836	133,870	117,619
Gas Asli Cecair <i>Liquefied Natural Gas</i>	42,322	42,484	29,868	38,193	68,002	60,231	60,844
(B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i>							
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	27.7	-23.7	-32.2	1.6	75.6	-9.3	-10.6
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	15.3	-5.9	-13.1	60.4	73.9	-10.7	-12.1
Gas Asli Cecair <i>Liquefied Natural Gas</i>	4.6	0.4	-29.7	27.9	78.1	-11.4	1.0

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
Source : Monthly External Trade Statistics

Nota / Notes :

^p *Awalan / Preliminary*

^f *Muktamad / Final*

6b

Nilai Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Suku Tahunan
Export Value of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Quarterly

Keterangan Description	2022				2023 ^f				2024 ^p			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Nilai (RM Juta) <i>Value (RM Million)</i>												
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	7,517	9,695	10,142	7,872	8,311	6,466	7,820	9,334	9,149	7,508	5,869	6,025
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	20,580	36,300	53,465	39,492	33,861	35,284	30,980	33,745	33,613	29,610	27,918	26,479
Gas Asli Cecair <i>Liquefied Natural Gas</i>	13,257	15,574	19,079	20,092	18,288	12,732	12,630	16,580	18,509	12,993	12,650	16,692
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya <i>Percentage Change from Corresponding Quarter of Preceding Year</i>												
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	59.8	78.5	97.4	64.6	10.6	-33.3	-22.9	18.6	10.1	16.1	-25.0	-35.4
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	45.5	60.3	114.6	61.5	64.5	-2.8	-42.1	-14.6	-0.7	-16.1	-9.9	-21.5
Gas Asli Cecair <i>Liquefied Natural Gas</i>	62.8	83.2	97.5	69.0	38.0	-18.2	-33.8	-17.5	1.2	2.0	0.2	0.7
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya <i>Percentage Change from Preceding Quarter</i>												
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	57.2	29.0	4.6	-22.4	5.6	-22.2	20.9	19.4	-2.0	-17.9	-21.8	2.7
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	-15.9	76.4	47.3	-26.1	-14.3	4.2	-12.2	8.9	-0.4	-11.9	-5.7	-5.2
Gas Asli Cecair <i>Liquefied Natural Gas</i>	11.5	17.5	22.5	5.3	-9.0	-30.4	-0.8	31.3	11.6	-29.8	-2.6	31.9

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
Source : Monthly External Trade Statistics

Nota / Notes :

^pAwalan / Preliminary

^fMuktamad / Final

7a **Volum Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Tahunan**
Exports Volume of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Annually

Keterangan <i>Description</i>	2018	2019	2020	2021	2022	2023^f	2024^p
(A) Volum ('000 Tan Metrik) <i>Volume ('000 Metric Tonnes)</i>							
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	17,139	13,746	13,685	9,590	9,852	10,368	9,491
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	29,486	28,134	34,682	37,906	41,764	41,785	37,805
Gas Asli Cecair <i>Liquefied Natural Gas</i>	23,955	25,498	24,083	24,697	27,316	26,863	27,952
(B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i>							
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	3.5	-19.8	-0.4	-29.9	2.7	5.2	-8.5
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	-	-4.6	23.3	9.3	10.2	0.05	-9.5
Gas Asli Cecair <i>Liquefied Natural Gas</i>	-11.5	6.4	-5.5	2.5	10.6	-1.7	4.1

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
Source : Monthly External Trade Statistics

Nota / Notes :

^p *Awalan / Preliminary*

^f *Muktamad / Final*

7b **Volum Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Suku Tahunan**
Exports Volume of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Quarterly

Keterangan Description	2022				2023 ^f				2024 ^p			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Volum ('000 Tan Metrik) <i>Volume ('000 Metric Tonnes)</i>												
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	2,533	2,583	2,536	2,200	2,703	2,213	2,690	2,761	3,042	2,272	1,873	2,303
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	6,499	9,613	14,255	11,397	10,622	11,762	9,470	9,930	10,291	8,833	9,086	9,595
Gas Asli Cecair <i>Liquefied Natural Gas</i>	6,888	6,717	6,746	6,965	7,418	6,000	6,081	7,365	8,021	6,014	5,876	8,041
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya <i>Percentage Change from Corresponding Quarter of Preceding Year</i>												
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	-11.1	-0.8	13.2	16.0	6.7	-14.3	6.1	25.5	12.5	2.7	-30.4	-16.6
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	-16.9	-8.2	32.7	28.5	63.5	22.4	-33.6	-12.9	-3.1	-24.9	-4.1	-3.4
Gas Asli Cecair <i>Liquefied Natural Gas</i>	2.7	9.6	19.0	12.4	7.7	-10.7	-9.9	5.7	8.1	0.2	-3.4	9.2
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya <i>Percentage Change from Preceding Quarter</i>												
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	33.6	2.0	-1.8	-13.2	22.9	-18.1	21.6	2.6	10.2	-25.3	-17.6	23.0
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	-26.7	47.9	48.3	-20.1	-6.8	10.7	-19.5	4.9	3.6	-14.2	2.9	5.6
Gas Asli Cecair <i>Liquefied Natural Gas</i>	11.1	-2.5	0.4	3.3	6.5	-19.1	1.4	21.1	8.9	-25.0	-2.3	36.8

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
Source : Monthly External Trade Statistics

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

8a Nilai Eksport Petroleum Mentah dan Kondensat mengikut Negara Destinasi - Tahunan
Export Value of Crude Petroleum and Condensate by Country of Destination - Annually

Keterangan Description	2018	2019	2020	2021	2022	2023 ^f	2024 ^p
(A) Nilai (RM Juta) Value (RM Million)							
Australia	11,397	7,208	5,179	5,845	8,431	6,242	5,818
Bangladesh	-	-	-	-	253	493	178
Brunei Darussalam	14	15	334	1,901	4,818	3,860	2,886
China	704	224	1,033	390	241	597	818
Hong Kong	-	-	-	-	-	137	-
India	7,960	6,604	3,832	2,723	5,291	2,078	2,768
Indonesia	1,699	660	506	375	48	299	603
Italy	98	-	-	-	-	-	-
Japan	1,189	1,071	2,036	2,494	4,622	6,177	4,732
Korea, Republic Of	83	416	1,019	12	290	429	107
New Zealand	1,893	1,723	908	472	-	-	-
Nigeria	-	-	23	-	-	-	-
Papua New Guinea	187	-	38	68	-	253	-
Philippines	988	752	221	602	740	603	106
Saudi Arabia	-	103	-	-	-	-	-
Singapore	4,058	4,298	1,540	1,174	2,013	1,859	1,463
Taiwan, Province Of China	-	-	-	-	-	87	-
Thailand	6,105	5,810	3,055	3,998	7,919	8,588	8,936
United States	90	-	-	-	-	-	-
Viet Nam	184	233	20	-	558	231	136
Other countries	-	-	-	-	0	-	-
Jumlah / Total	36,649	29,118	19,744	20,054	35,225	31,932	28,551
(B) Peratusan Sumbangan Percentage Share							
Australia	31.1	24.8	26.2	29.1	23.9	19.5	20.4
Bangladesh	-	-	-	-	0.7	1.5	0.6
Brunei Darussalam	0.0	0.1	1.7	9.5	13.7	12.1	10.1
China	1.9	0.8	5.2	1.9	0.7	1.9	2.9
Hong Kong	-	-	-	-	-	0.4	-
India	21.7	22.7	19.4	13.6	15.0	6.5	9.7
Indonesia	4.6	2.3	2.6	1.9	0.1	0.9	2.1
Italy	0.3	-	-	-	-	-	-
Japan	3.2	3.7	10.3	12.4	13.1	19.3	16.6
Korea, Republic Of	0.2	1.4	5.2	0.1	0.8	1.3	0.4
New Zealand	5.2	5.9	4.6	2.4	-	-	-
Nigeria	-	-	0.1	-	-	-	-
Papua New Guinea	0.5	-	0.2	0.3	-	0.8	-
Philippines	2.7	2.6	1.1	3.0	2.1	1.9	0.4
Saudi Arabia	-	0.4	-	-	-	-	-
Singapore	11.1	14.8	7.8	5.9	5.7	5.8	5.1
Taiwan, Province Of China	-	-	-	-	-	0.3	-
Thailand	16.7	20.0	15.5	19.9	22.5	26.9	31.3
United States	0.2	-	-	-	-	-	-
Viet Nam	0.5	0.8	0.1	-	1.6	0.7	0.5
Other countries	-	-	-	-	0.0	-	-
Jumlah / Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Jabatan Perangkaan Malaysia (DOSM)
Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

8b Nilai Eksport Petroleum Mentah dan Kondensat mengikut Negara Destinasi - Suku Tahunan
Export Value of Crude Petroleum and Condensate by Country of Destination - Quarterly

Keterangan Description	2022				2023 ^f				2024 ^p			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Nilai (RM Juta) Value (RM Million)												
Australia	1,604	2,691	2,188	1,947	2,044	1,112	1,433	1,652	1,271	2,012	1,220	1,315
Bangladesh	-	-	253	-	135	199	24	136	75	-	39	64
Brunei Darussalam	632	1,107	1,992	1,088	768	598	969	1,525	868	955	655	408
China	-	146	-	95	255	122	-	220	281	125	96	316
Hong Kong	-	-	-	-	-	-	-	137	-	-	-	-
India	1,375	1,439	1,448	1,029	501	622	595	361	1,312	613	248	594
Indonesia	48	-	-	-	-	-	-	299	290	-	123	189
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Japan	1,115	422	1,495	1,589	1,605	1,654	1,825	1,093	2,393	905	944	489
Korea, Republic Of	-	290	-	-	-	112	115	203	-	-	-	107
New Zealand	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	253	-	-	-	-
Philippines	482	259	-	-	366	109	-	128	-	-	-	106
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
Singapore	96	701	900	316	283	432	347	796	236	524	238	466
Taiwan, Province Of China	-	-	-	-	-	-	87	-	-	-	-	-
Thailand	2,004	2,364	1,791	1,761	2,338	1,507	2,293	2,450	2,422	2,238	2,306	1,970
United States	-	-	-	-	-	-	-	-	-	-	-	-
Viet Nam	160	276	76	46	17	-	132	83	-	136	-	-
Other countries	-	0	-	-	-	-	-	-	-	-	-	-
Jumlah / Total	7,517	9,695	10,142	7,872	8,311	6,466	7,820	9,334	9,149	7,508	5,869	6,025
(B) Peratusan Sumbangan Percentage Share												
Australia	21.3	27.8	21.6	24.7	24.6	17.2	18.3	17.7	13.9	20.2	20.1	21.8
Bangladesh	-	-	2.5	-	1.6	3.1	0.3	1.5	0.8	0.8	-	1.1
Brunei Darussalam	8.4	11.4	19.6	13.8	9.2	9.2	12.4	16.3	9.5	10.2	10.0	6.8
China	-	1.5	-	1.2	3.1	1.9	-	2.4	3.1	4.1	1.5	5.2
Hong Kong	-	-	-	-	-	-	-	1.5	-	-	-	-
India	18.3	14.8	14.3	13.1	6.0	9.6	7.6	3.9	14.3	12.5	10.6	9.9
Indonesia	0.6	-	-	-	-	-	-	3.2	3.2	1.2	-	3.1
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Japan	14.8	4.4	14.7	20.2	19.3	25.6	23.3	11.7	26.2	19.7	20.6	8.1
Korea, Republic Of	-	3.0	-	-	-	1.7	1.5	2.2	-	-	-	1.8
New Zealand	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	2.7	-	-	-	-
Philippines	6.4	2.7	-	-	4.4	1.7	-	1.4	-	-	-	1.8
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
Singapore	1.3	7.2	8.9	4.0	3.4	6.7	4.4	8.5	2.6	1.8	6.2	7.7
Taiwan, Province Of China	-	-	-	-	-	-	1.1	-	-	-	-	-
Thailand	26.7	24.4	17.7	22.4	28.1	23.3	29.3	26.2	26.5	29.5	29.4	32.7
United States	-	-	-	-	-	-	-	-	-	-	-	-
Viet Nam	2.1	2.9	0.7	0.6	0.2	-	1.7	0.9	-	-	1.7	-
Other countries	-	0.0	-	-	-	-	-	-	-	-	-	-
Jumlah / Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Jabatan Perangkaan Malaysia (DOSM)
Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

9a Nilai Eksport Keluaran Petroleum Bertapis mengikut Negara Destinasi -Tahunan
Export Value of Refined Petroleum Products by Country of Destination - Annually

Keterangan Description	2018	2019	2020	2021	2022	2023 ^f	2024 ^P
(A) Nilai (RM Juta) Value (RM Million)							
Australia	4,414	4,599	3,936	8,886	15,065	22,024	19,921
Bangladesh	4,016	5,261	1,545	5,331	11,391	5,766	5,920
Cambodia	219	896	253	372	592	355	859
China	5,695	5,084	6,417	6,328	3,335	3,356	3,370
Hong Kong	2,365	1,317	1,254	1,445	2,718	1,487	781
India	707	1,415	1,652	970	1,052	761	781
Indonesia	4,887	4,740	4,941	13,259	24,787	19,745	21,930
Korea, Republic Of	2,494	725	1,265	2,186	4,037	7,589	2,228
Myanmar	561	169	404	943	2,911	1,378	1,903
Netherlands	15	1,042	810	1,184	2,553	2,174	657
New Zealand	49	122	72	88	2,491	3,498	2,243
Pakistan	119	377	340	617	161	193	535
Philippines	1,404	1,829	1,602	2,510	3,705	5,470	5,823
Singapore	19,022	16,844	18,082	19,679	33,302	30,340	27,981
Sri Lanka	832	1,909	820	909	1,720	1,568	1,338
Taiwan, Province Of China	1,918	824	1,059	1,828	3,483	2,195	1,916
Thailand	1,679	1,705	699	586	1,603	1,861	978
United Arab Emirates	831	373	499	647	2,404	752	910
United Kingdom	0	0	57	138	0	144	131
Viet Nam	8,750	6,103	3,684	5,290	5,754	8,081	7,347
Other countries	5,669	6,468	4,341	12,965	26,772	15,134	10,067
Jumlah / Total	65,649	61,803	53,729	86,160	149,836	133,870	117,619
(B) Peratusan Sumbangan Percentage Share							
Australia	6.7	7.4	7.3	10.3	10.1	16.5	16.9
Bangladesh	6.1	8.5	2.9	6.2	7.6	4.3	5.0
Cambodia	0.3	1.5	0.5	0.4	0.4	0.3	0.7
China	8.7	8.2	11.9	7.3	2.2	2.5	2.9
Hong Kong	3.6	2.1	2.3	1.7	1.8	1.1	0.7
India	1.1	2.3	3.1	1.1	0.7	0.6	0.7
Indonesia	7.4	7.7	9.2	15.4	16.5	14.7	18.6
Korea, Republic Of	3.8	1.2	2.4	2.5	2.7	5.7	1.9
Myanmar	0.9	0.3	0.8	1.1	1.9	1.0	1.6
Netherlands	0.0	1.7	1.5	1.4	1.7	1.6	0.6
New Zealand	0.1	0.2	0.1	0.1	1.7	2.6	1.9
Pakistan	0.2	0.6	0.6	0.7	0.1	0.1	0.5
Philippines	2.1	3.0	3.0	2.9	2.5	4.1	5.0
Singapore	29.0	27.3	33.7	22.8	22.2	22.7	23.8
Sri Lanka	1.3	3.1	1.5	1.1	1.1	1.2	1.1
Taiwan, Province Of China	2.9	1.3	2.0	2.1	2.3	1.6	1.6
Thailand	2.6	2.8	1.3	0.7	1.1	1.4	0.8
United Arab Emirates	1.3	0.6	0.9	0.8	1.6	0.6	0.8
United Kingdom	0.0	0.0	0.1	0.2	0.0	0.1	0.1
Viet Nam	13.3	9.9	6.9	6.1	3.8	6.0	6.2
Other countries	8.6	10.5	8.1	15.0	17.9	11.3	8.6
Jumlah / Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Jabatan Perangkaan Malaysia (DOSM)
Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^P Awalan / Preliminary

^f Muktamad / Final

9b Nilai Eksport Keluaran Petroleum Bertapis mengikut Negara Destinasi - Suku Tahunan
Export Value of Refined Petroleum Products by Country of Destination - Quarterly

Keterangan Description	2022				2023 ^f				2024 ^p			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Nilai (RM Juta) Value (RM Million)												
Australia	1,778	4,043	4,169	5,075	5,075	7,400	5,212	4,336	5,036	4,421	5,218	5,246
Bangladesh	1,540	4,328	3,752	1,771	1,771	692	2,560	743	2,162	1,192	1,176	1,390
Cambodia	171	56	242	122	122	174	53	5	369	225	54	211
China	1,085	1,006	628	616	616	615	1,264	860	844	889	280	1,357
Hong Kong	186	513	1,785	234	234	371	108	773	146	178	2	455
India	57	408	192	395	395	225	52	88	71	239	310	162
Indonesia	3,959	5,905	9,539	5,384	5,384	5,071	4,218	5,072	6,278	4,006	5,808	5,837
Korea, Republic Of	981	1,063	1,357	637	637	3,410	1,748	1,794	631	467	941	189
Myanmar	413	636	1,599	263	263	546	272	297	636	775	202	290
Netherlands	301	299	866	1,087	1,087	475	239	372	1	488	1	167
New Zealand	11	1,065	477	938	938	1,450	795	315	819	435	69	919
Pakistan	2	150	8	1	1	4	1	188	363	0	2	169
Philippines	500	1,022	1,367	816	816	1,224	1,807	1,623	1,101	2,513	1,449	759
Singapore	5,144	6,670	11,749	9,739	9,739	7,018	5,742	7,841	7,444	7,154	7,481	5,902
Sri Lanka	203	95	1,115	306	306	514	473	274	426	162	381	369
Taiwan, Province Of China	955	1,046	874	608	608	827	512	248	331	734	465	387
Thailand	283	153	163	1,005	1,005	96	169	592	283	206	273	217
United Arab Emirates	68	271	1,669	396	396	152	104	100	385	224	17	285
United Kingdom	0	0	0	0	0	-	-	144	0	0	0	130
Viet Nam	1,342	1,007	1,249	2,157	2,157	1,677	1,629	2,617	3,357	2,008	1,146	836
Other countries	1,602	6,566	10,664	7,940	2,310	3,342	4,018	5,463	2,931	3,293	2,642	1,200
Jumlah / Total	20,580	36,300	53,465	39,492	33,861	35,284	30,980	33,745	33,613	29,610	27,918	26,479
(B) Peratusan Sumbangan Percentage Share												
Australia	8.6	11.1	7.8	12.9	15.0	21.0	16.8	12.8	15.0	14.9	18.7	19.8
Bangladesh	7.5	11.9	7.0	4.5	5.2	2.0	8.3	2.2	6.4	4.0	4.2	5.3
Cambodia	0.8	0.2	0.5	0.3	0.4	0.5	0.2	0.0	1.1	0.8	0.2	0.8
China	5.3	2.8	1.2	1.6	1.8	1.7	4.1	2.5	2.5	3.0	1.0	5.1
Hong Kong	0.9	1.4	3.3	0.6	0.7	1.1	0.3	2.3	0.4	0.6	0.0	1.7
India	0.3	1.1	0.4	1.0	1.2	0.6	0.2	0.3	0.2	0.8	1.1	0.6
Indonesia	19.2	16.3	17.8	13.6	15.9	14.4	13.6	15.0	18.7	13.5	20.8	22.0
Korea, Republic Of	4.8	2.9	2.5	1.6	1.9	9.7	5.6	5.3	1.9	1.6	3.4	0.7
Myanmar	2.0	1.8	3.0	0.7	0.8	1.5	0.9	0.9	1.9	2.6	0.7	1.1
Netherlands	1.5	0.8	1.6	2.8	3.2	1.3	0.8	1.1	0.0	1.6	0.0	0.6
New Zealand	0.1	2.9	0.9	2.4	2.8	4.1	2.6	0.9	2.4	1.5	0.2	3.5
Pakistan	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.6	1.1	0.0	0.0	0.6
Philippines	2.4	2.8	2.6	2.1	2.4	3.5	5.8	4.8	3.3	8.5	5.2	2.9
Singapore	25.0	18.4	22.0	24.7	28.8	19.9	18.5	23.2	22.1	24.2	26.8	22.3
Sri Lanka	1.0	0.3	2.1	0.8	0.9	1.5	1.5	0.8	1.3	0.5	1.4	1.4
Taiwan, Province Of China	4.6	2.9	1.6	1.5	1.8	2.3	1.7	0.7	1.0	2.5	1.7	1.5
Thailand	1.4	0.4	0.3	2.5	3.0	0.3	0.5	1.8	0.8	0.7	1.0	0.8
United Arab Emirates	0.3	0.7	3.1	1.0	1.2	0.4	0.3	0.3	1.1	0.8	0.1	1.1
United Kingdom	0.0	0.0	0.0	0.0	0.0	-	-	0.4	0.0	0.0	0.0	0.5
Viet Nam	6.5	2.8	2.3	5.5	6.4	4.8	5.3	7.8	10.0	6.8	4.1	3.2
Other countries	7.8	18.1	19.9	20.1	6.8	9.5	13.0	16.2	8.7	11.1	9.5	4.5
Jumlah / Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Jabatan Perangkaan Malaysia (DOSM)
Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

10a Nilai Eksport Gas Asli Cecair (LNG) mengikut Negara Destinasi - Tahunan
Export Value of Liquefied Natural Gas (LNG) by Country of Destination - Annually

Keterangan Description	2018	2019	2020	2021	2022	2023 ^f	2024 ^p
(A) Nilai (RM Juta) <i>Value (RM Million)</i>							
Australia	-	-	-	11	10	13	16
Bangladesh	806	129	124	-	-	128	-
China	8,874	10,265	6,812	12,929	18,053	15,126	15,310
Equatorial Guinea	-	-	-	-	-	-	6
India	335	365	-	90	488	-	43
Italy	-	-	-	7	-	33	-
Japan	20,781	16,804	14,070	16,413	30,566	25,830	25,599
Korea, Republic Of	5,780	7,767	6,207	6,150	12,480	13,838	13,892
Kuwait	-	-	-	-	-	135	-
Mozambique	-	-	-	4	-	6	-
Myanmar	-	-	252	303	32	-	-
Philippines	-	-	-	-	-	139	-
Qatar	-	2	-	5	-	-	-
Saudi Arabia	-	-	-	1	-	-	-
Singapore	-	-	-	101	697	132	128
Spain	-	-	-	-	-	-	6
Taiwan, Province Of China	5,627	4,869	932	529	1,214	1,266	2,007
Thailand	-	2,194	1,434	1,648	4,461	3,585	3,792
United Arab Emirates	-	-	-	-	-	-	10
United States	-	-	-	-	-	-	29
Other countries	119	89	37	1	1	-	6
Jumlah / Total	42,322	42,484	29,868	38,193	68,002	60,231	60,844
(B) Peratusan Sumbangan <i>Percentage Share</i>							
Australia	-	-	-	0.0	0.0	0.0	0.0
Bangladesh	1.9	0.3	0.4	-	-	0.2	-
China	21.0	24.2	22.8	33.9	26.5	25.1	25.2
Equatorial Guinea	-	-	-	-	-	-	0.0
India	0.8	0.9	-	0.2	0.7	-	0.1
Italy	-	-	-	0.0	-	0.1	-
Japan	49.1	39.6	47.1	43.0	44.9	42.9	42.1
Korea, Republic Of	13.7	18.3	20.8	16.1	18.4	23.0	22.8
Kuwait	-	-	-	-	-	0.2	-
Mozambique	-	-	-	0.0	-	0.0	-
Myanmar	-	-	0.8	0.8	0.0	-	-
Philippines	-	-	-	-	-	0.2	-
Qatar	-	0.0	-	0.0	-	-	-
Saudi Arabia	-	-	-	0.0	-	-	-
Singapore	-	-	-	0.3	1.0	0.2	0.2
Spain	-	-	-	-	-	-	0.0
Taiwan, Province Of China	13.3	11.5	3.1	1.4	1.8	2.1	3.3
Thailand	-	5.2	4.8	4.3	6.6	6.0	6.2
United Arab Emirates	-	-	-	-	-	-	0.0
United States	-	-	-	-	-	-	0.0
Other countries	0.3	0.2	0.1	0.0	0.0	-	0.0
Jumlah / Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Jabatan Perangkaan Malaysia (DOSM)
 Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

Nilai Eksport Gas Asli Cecair (LNG) mengikut Negara Destinasi - Suku Tahunan
Export Value of Liquefied Natural Gas (LNG) by Country of Destination - Quarterly

Keterangan Description	2022				2023 ^f				2024 ^p			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Nilai (RM Juta) Value (RM Million)												
Australia	-	-	10	-	-	-	4	9	6	10	-	-
Bangladesh	-	-	-	-	-	128	-	-	-	-	-	-
China	3,702	3,743	5,546	5,062	4,309	3,107	3,439	4,271	4,666	4,262	2,828	3,554
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	6	-
India	122	367	-	-	-	-	-	-	-	-	-	43
Italy	-	-	-	-	22	-	-	11	-	-	-	-
Japan	6,012	7,339	8,860	8,356	8,436	5,459	5,136	6,800	8,236	4,978	5,740	6,644
Korea, Republic Of	2,801	2,040	3,271	4,369	4,841	2,359	2,481	4,157	4,067	1,826	2,961	5,038
Kuwait	-	-	-	-	-	-	135	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	6	-	-	-	-
Myanmar	-	-	32	-	-	-	-	-	-	-	-	-
Philippines	-	-	-	-	-	-	-	139	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	374	-	323	-	132	-	-	9	0	0	119
Spain	-	-	-	-	-	-	-	-	-	-	-	6
Taiwan, Province Of China	-	254	354	606	135	277	496	358	448	419	477	663
Thailand	621	1,458	1,007	1,375	546	1,270	939	830	1,073	1,485	630	604
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	6	3
United States	-	-	-	-	-	-	-	-	-	13	-	16
Other countries	-	-	-	1	-	-	-	-	5	-	2	-
Jumlah / Total	13,257	15,574	19,079	20,092	18,288	12,732	12,630	16,580	18,509	12,993	12,650	16,692
(B) Peratusan Sumbangan Percentage Share												
Australia	-	-	0.1	-	-	-	0.0	0.1	0.0	0.1	-	-
Bangladesh	-	-	-	-	-	1.0	-	-	-	-	-	-
China	27.9	24.0	29.1	25.2	23.6	24.4	27.2	25.8	25.2	32.8	22.4	21.3
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	0.0	-
India	0.9	2.4	-	-	-	-	-	-	-	-	-	0.3
Italy	-	-	-	-	0.1	-	-	0.1	-	-	-	-
Japan	45.4	47.1	46.4	41.6	46.1	42.9	40.7	41.0	44.5	38.3	45.4	39.8
Korea, Republic Of	21.1	13.1	17.1	21.7	26.5	18.5	19.6	25.1	22.0	14.1	23.4	30.2
Kuwait	-	-	-	-	-	-	1.1	-	-	-	-	-
Mozambique	-	-	-	-	-	-	-	0.0	-	-	-	-
Myanmar	-	-	0.2	-	-	-	-	-	-	-	-	-
Philippines	-	-	-	-	-	-	-	0.8	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	2.4	-	1.6	-	1.0	-	-	0.0	0.0	0.0	0.7
Spain	-	-	-	-	-	-	-	-	-	-	-	0.0
Taiwan, Province Of China	-	1.6	1.9	3.0	0.7	2.2	3.9	2.2	2.4	3.2	3.8	4.0
Thailand	4.7	9.4	5.3	6.8	3.0	10.0	7.4	5.0	5.8	11.4	5.0	3.6
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	0.1	0.0
United States	-	-	-	-	-	-	-	-	-	0.1	-	0.1
Other countries	-	-	-	0.0	-	-	-	-	0.0	-	0.0	-
Jumlah / Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Jabatan Perangkaan Malaysia (DOSM)
Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

11a Nilai Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Tahunan
Import Value of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Annually

Keterangan <i>Description</i>	2018	2019	2020	2021	2022	2023 ^f	2024 ^p
(A) Nilai (RM Juta) <i>Value (RM Million)</i>							
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	21,646	26,818	19,340	14,408	53,783	61,686	63,523
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	81,482	72,526	56,240	82,911	136,762	130,253	121,470
Gas Asli Cecair <i>Liquefied Natural Gas</i>	2,734	5,480	4,904	1,462	9,591	6,995	10,001
(B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i>							
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	35.9	16.2	-27.9	-25.5	273.3	14.7	3.0
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	13.6	-11.0	-22.5	47.4	65.0	-4.8	-6.7
Gas Asli Cecair <i>Liquefied Natural Gas</i>	5.2	100.5	-10.5	-70.2	555.9	-27.1	43.0

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
Source : Monthly External Trade Statistics

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

11b Nilai Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Suku Tahunan
 Import Value of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Quarterly

Keterangan Description	2022				2023 ^f				2024 ^p			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Nilai (RM Juta) Value (RM Million)	8,983	11,118	17,769	15,913	15,717	15,355	12,469	18,145	15,653	18,600	14,169	15,101
Petroleum Mentah dan Kondensat Crude Petroleum and Condensate	8,983	11,118	17,769	15,913	15,717	15,355	12,469	18,145	15,653	18,600	14,169	15,101
Keluaran Petroleum Bertapis Refined Petroleum Products	22,415	35,637	45,437	33,273	30,899	33,327	30,638	35,389	37,530	29,835	28,700	25,404
Gas Asli Cecair Liquefied Natural Gas	1,280	1,929	3,680	2,702	1,892	1,832	1,571	1,701	2,758	2,163	2,847	2,232
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya Percentage Change from Corresponding Quarter of Preceding Year												
Petroleum Mentah dan Kondensat Crude Petroleum and Condensate	271.3	157.9	254.4	497.3	75.0	38.1	-29.8	14.0	-0.4	21.1	13.6	-16.8
Keluaran Petroleum Bertapis Refined Petroleum Products	36.8	57.3	127.9	39.0	37.9	-6.5	-32.6	6.4	21.5	-10.5	-6.3	-28.2
Gas Asli Cecair Liquefied Natural Gas	131.5	292.2	1,498.0	1,343.4	47.8	-5.1	-57.3	-37.0	45.8	18.1	81.3	31.2
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya Percentage Change from Preceding Quarter												
Petroleum Mentah dan Kondensat Crude Petroleum and Condensate	237.2	23.8	59.8	-10.4	-1.2	-2.3	-18.8	45.5	-13.7	18.8	-23.8	6.6
Keluaran Petroleum Bertapis Refined Petroleum Products	-6.3	59.0	27.5	-26.8	-7.1	7.9	-8.1	15.5	6.1	-20.5	-3.8	-11.5
Gas Asli Cecair Liquefied Natural Gas	583.6	50.8	90.8	-26.6	-30.0	-3.2	-14.2	8.3	62.2	-21.6	31.6	-21.6

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
 Source : Monthly External Trade Statistics

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

12a **Volum Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Tahunan**
Imports Volume of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Annually

Keterangan <i>Description</i>	2018	2019	2020	2021	2022	2023^f	2024^P
(A) Volum (*000 Tan Metrik) <i>Volume (*000 Metric Tonnes)</i>							
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	10,476	13,429	12,405	6,540	15,681	21,066	22,123
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	34,939	31,267	37,239	35,504	35,936	38,417	36,875
Gas Asli Cecair <i>Liquefied Natural Gas</i>	1,211	2,466	2,637	852	2,901	2,165	3,246
(B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i>							
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	0.9	28.2	-7.6	-47.3	139.8	34.3	5.0
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	-4.1	-10.5	19.1	-4.7	1.2	6.9	-4.0
Gas Asli Cecair <i>Liquefied Natural Gas</i>	-14.1	103.7	6.9	-67.7	240.4	-25.4	49.9

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
Source : Monthly External Trade Statistics

Nota / Notes :

^P *Awalan / Preliminary*

^f *Muktamad / Final*

12b **Volum Import Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Suku Tahunan**
Imports Volume of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Quarterly

Keterangan Description	2022				2023 ^f				2024 ^p			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Volum (*000 Tan Metrik) <i>Volume (*000 Metric Tonnes)</i>												
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	3,170	3,000	4,711	4,800	5,567	5,468	4,330	5,701	5,303	5,955	4,910	5,955
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	7,117	8,610	11,035	9,174	9,115	10,158	9,151	9,994	10,962	8,439	8,846	8,628
Gas Asli Cecair <i>Liquefied Natural Gas</i>	481	667	1,062	691	529	580	499	556	802	702	984	757
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya <i>Percentage Change from Corresponding Quarter of Preceding Year</i>												
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	132.2	45.6	125.9	366.5	75.6	82.3	-8.1	18.8	-4.7	8.9	13.4	4.4
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	-21.7	-13.4	35.8	9.9	28.1	18.0	-17.1	8.9	20.3	-16.9	-3.3	-13.7
Gas Asli Cecair <i>Liquefied Natural Gas</i>	32.1	122.9	874.4	763.6	10.1	-13.1	-53.0	-19.5	51.5	21.1	97.1	36.1
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya <i>Percentage Change from Preceding Quarter</i>												
Petroleum Mentah dan Kondensat <i>Crude Petroleum and Condensate</i>	208.1	-5.4	57.0	1.9	16.0	-1.8	-20.8	31.7	-7.0	12.3	-17.5	21.3
Keluaran Petroleum Bertapis <i>Refined Petroleum Products</i>	-14.8	21.0	28.2	-16.9	-0.6	11.4	-9.9	9.2	9.7	-23.0	4.8	-2.5
Gas Asli Cecair <i>Liquefied Natural Gas</i>	501.1	38.7	59.2	-34.9	-23.4	9.5	-13.9	11.5	44.1	-12.4	40.1	-23.0

Sumber : Perangkaan Perdagangan Luar Negeri Bulanan
Source : Monthly External Trade Statistics

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

13a Nilai Import Petroleum Mentah dan Kondensat mengikut Negara Asal - Tahunan
 Import Value of Crude Petroleum and Condensate by Country of Origin - Annually

Keterangan Description	2018	2019	2020	2021	2022	2023 ^f	2024 ^p
(A) Nilai (RM Juta) Value (RM Million)							
Angola	48	538	273	540	406	-	1,864
Australia	937	2,144	1,271	660	1,255	1,368	163
Brazil	135	69	543	735	724	852	2,214
Brunei Darussalam	714	41	0	308	355	675	325
Cameroon	-	-	-	-	-	868	2,514
Chad	-	-	-	-	-	398	660
Gabon	207	713	147	788	1,446	1,801	2,582
Indonesia	1,395	242	68	292	163	169	478
Iraq	713	602	357	501	348	-	62
Kuwait	789	298	216	309	2,616	1,790	782
Libya	2,064	1,214	1	123	160	257	613
Niger	-	-	-	-	-	-	64
Nigeria	400	100	97	88	-	189	151
Oman	582	144	638	479	487	1,063	384
Qatar	716	454	-	328	1,513	865	2,994
Saudi Arabia	7,047	9,300	8,187	2,995	28,272	33,010	25,769
Sudan	-	-	-	463	726	2,133	1,439
Thailand	-	153	490	228	1,492	877	1,304
United Arab Emirates	1,164	4,251	1,532	1,556	8,593	10,414	13,721
United States	953	221	1,639	-	622	2,828	3,706
Other countries	3,784	6,334	3,881	4,016	4,605	2,130	1,734
Jumlah / Total	21,646	26,818	19,340	14,408	53,783	61,686	63,523
(B) Peratusan Sumbangan Percentage Share							
Angola	0.2	2.0	1.4	3.7	0.8	-	2.9
Australia	4.3	8.0	6.6	4.6	2.3	2.2	0.3
Brazil	0.6	0.3	2.8	5.1	1.3	1.4	3.5
Brunei Darussalam	3.3	0.2	0.0	2.1	0.7	1.1	0.5
Cameroon	-	-	-	-	-	1.4	4.0
Chad	-	-	-	-	-	0.6	1.0
Gabon	1.0	2.7	0.8	5.5	2.7	2.9	4.1
Indonesia	6.4	0.9	0.4	2.0	0.3	0.3	0.8
Iraq	3.3	2.2	1.8	3.5	0.6	-	0.1
Kuwait	3.6	1.1	1.1	2.1	4.9	2.9	1.2
Libya	9.5	4.5	0.0	0.9	0.3	0.4	1.0
Niger	-	-	-	-	-	-	0.1
Nigeria	1.8	0.4	0.5	0.6	-	0.3	0.2
Oman	2.7	0.5	3.3	3.3	0.9	1.7	0.6
Qatar	3.3	1.7	-	2.3	2.8	1.4	4.7
Saudi Arabia	32.6	34.7	42.3	20.8	52.6	53.5	40.6
Sudan	-	-	-	3.2	1.3	3.5	2.3
Thailand	-	0.6	2.5	1.6	2.8	1.4	2.1
United Arab Emirates	5.4	15.8	7.9	10.8	16.0	16.9	21.6
United States	4.4	0.8	8.5	-	1.2	4.6	5.8
Other countries	17.5	23.6	20.1	27.9	8.6	3.5	2.7
Jumlah / Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Jabatan Perangkaan Malaysia (DOSM)
 Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

13b Nilai Import Petroleum Mentah dan Kondensat mengikut Negara Asal - Suku Tahunan
Import Value of Crude Petroleum and Condensate by Country of Origin - Quarterly

Keterangan Description	2022				2023 ^f				2024 ^p			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Nilai (RM Juta) Value (RM Million)												
Angola	102	-	305	-	-	-	-	-	-	-	430	1,434
Australia	44	103	735	372	960	146	160	102	43	25	79	16
Brazil	132	214	172	206	202	216	110	323	490	549	527	649
Brunei Darussalam	292	3	46	15	26	255	385	8	1	164	152	7
Cameroon	-	-	-	-	-	396	-	473	655	746	771	342
Chad	-	-	-	-	-	-	-	398	-	-	-	660
Gabon	370	501	574	-	298	-	555	948	788	575	784	435
Indonesia	-	-	-	163	169	-	-	-	-	-	389	89
Iraq	346	-	2	-	-	-	-	-	-	-	62	-
Kuwait	358	231	745	1,282	859	395	219	317	223	-	-	559
Libya	-	-	-	160	-	-	-	257	-	273	-	340
Niger	-	-	-	-	-	-	-	-	-	-	-	64
Nigeria	-	-	-	-	-	-	-	189	47	-	-	104
Oman	-	228	87	172	348	185	247	283	-	-	384	-
Qatar	559	694	260	-	-	406	-	459	664	702	1,304	325
Saudi Arabia	3,003	5,399	10,075	9,796	8,547	8,481	6,718	9,264	7,122	7,530	4,907	6,210
Sudan	-	-	158	568	478	431	630	593	251	736	241	211
Thailand	349	475	443	224	101	470	165	141	376	476	241	211
United Arab Emirates	1,537	2,360	2,631	2,065	2,647	2,065	2,270	3,432	3,692	4,183	2,966	2,881
United States	-	0	622	-	813	316	742	956	665	1,736	742	564
Other countries	1,890	909	915	890	269	1,592	268	-	638	905	191	0
Jumlah / Total	8,983	11,118	17,769	15,913	15,717	15,355	12,469	18,145	15,653	18,600	14,169	15,101
(B) Peratusan Sumbangan Percentage Share												
Angola	1.1	-	1.7	-	-	-	-	-	-	-	3.0	9.5
Australia	0.5	0.9	4.1	2.3	6.1	1.0	1.3	0.6	0.3	0.1	0.6	0.1
Brazil	1.5	1.9	1.0	1.3	1.3	1.4	0.9	1.8	3.1	3.0	3.7	4.3
Brunei Darussalam	3.2	0.0	0.3	0.1	0.2	1.7	3.1	0.0	0.0	0.9	1.1	0.0
Cameroon	-	-	-	-	-	2.6	-	2.6	4.2	4.0	5.4	2.3
Chad	-	-	-	-	-	-	-	2.2	-	-	-	4.4
Gabon	4.1	4.5	3.2	-	1.9	-	4.5	5.2	5.0	3.1	5.5	2.9
Indonesia	-	-	-	1.0	1.1	-	-	-	-	-	2.7	0.6
Iraq	3.9	-	0.0	-	-	-	-	-	-	-	0.4	-
Kuwait	4.0	2.1	4.2	8.1	5.5	2.6	1.8	1.7	1.4	-	-	3.7
Libya	-	-	-	1.0	-	-	-	1.4	-	1.5	-	2.3
Niger	-	-	-	-	-	-	-	-	-	-	-	0.4
Nigeria	-	-	-	-	-	-	-	1.0	0.3	-	-	0.7
Oman	-	2.0	0.5	1.1	2.2	1.2	2.0	1.6	-	-	2.7	-
Qatar	6.2	6.2	1.5	-	-	2.6	-	2.5	4.2	3.8	9.2	2.2
Saudi Arabia	33.4	48.6	56.7	61.6	54.4	55.2	53.9	51.1	45.5	40.5	34.6	41.1
Sudan	-	-	0.9	3.6	3.0	2.8	5.1	3.3	1.6	4.0	1.7	1.4
Thailand	3.9	4.3	2.5	1.4	0.6	3.1	1.3	0.8	2.4	2.6	1.7	1.4
United Arab Emirates	17.1	21.2	14.8	13.0	16.8	13.4	18.2	18.9	23.6	22.5	20.9	19.1
United States	-	0.0	3.5	-	5.2	2.1	6.0	5.3	4.2	9.3	5.2	3.7
Other countries	21.0	8.2	5.2	5.6	1.7	10.4	2.1	-	4.1	4.9	1.3	0.0
Jumlah / Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Jabatan Perangkaan Malaysia (DOSM)
 Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

14a Nilai Import Keluaran Petroleum Bertapis mengikut Negara Asal - Tahunan
Import Value of Refined Petroleum Products by Country of Origin - Annually

Keterangan Description	2018	2019	2020	2021	2022	2023 ^f	2024 ^p
(A) Nilai (RM Juta) Value (RM Million)							
Australia	261	444	312	431	411	1,801	1,424
Brazil	197	500	829	758	276	308	646
Brunei Darussalam	14	138	558	1,226	1,905	882	1,924
China	7,148	9,993	7,442	12,137	17,656	19,197	11,864
Greece	0	0	16	98	395	1,265	1,347
India	9,705	5,296	4,982	6,182	7,572	6,567	9,620
Indonesia	1,178	1,601	2,201	2,591	4,395	3,540	4,026
Iraq	530	658	880	1,398	879	446	870
Japan	1,437	1,504	1,273	2,186	3,600	2,289	2,451
Korea, Republic Of	5,763	6,813	5,923	10,878	16,301	15,218	14,121
Netherlands	724	1,189	167	461	1,329	368	552
Nigeria	-	-	0	44	-	-	455
Qatar	667	576	411	55	689	1,192	1,066
Saudi Arabia	3,322	2,440	2,535	3,328	3,479	5,570	6,850
Singapore	37,210	28,278	16,487	24,948	49,163	42,559	41,105
Taiwan, Province Of China	1,703	2,109	924	4,546	8,047	6,273	6,698
Thailand	1,561	1,986	869	1,568	2,174	2,406	3,118
Turkiye	0	0	251	93	511	201	760
United Arab Emirates	4,291	5,405	4,454	3,989	6,132	7,933	4,529
United States	688	353	157	74	107	237	621
Other countries	5,081	3,244	5,570	5,920	11,741	12,002	7,422
Jumlah / Total	81,482	72,526	56,240	82,911	136,762	130,253	121,470
(B) Peratusan Sumbangan Percentage Share							
Australia	0.3	0.6	0.6	0.5	0.3	1.4	1.2
Brazil	0.2	0.7	1.5	0.9	0.2	0.2	0.5
Brunei Darussalam	0.0	0.2	1.0	1.5	1.4	0.7	1.6
China	8.8	13.8	13.2	14.6	12.9	14.7	9.8
Greece	0.0	0.0	0.0	0.1	0.3	1.0	1.1
India	11.9	7.3	8.9	7.5	5.5	5.0	7.9
Indonesia	1.4	2.2	3.9	3.1	3.2	2.7	3.3
Iraq	0.7	0.9	1.6	1.7	0.6	0.3	0.7
Japan	1.8	2.1	2.3	2.6	2.6	1.8	2.0
Korea, Republic Of	7.1	9.4	10.5	13.1	11.9	11.7	11.6
Netherlands	0.9	1.6	0.3	0.6	1.0	0.3	0.5
Nigeria	-	-	0.0	0.1	-	-	0.4
Qatar	0.8	0.8	0.7	0.1	0.5	0.9	0.9
Saudi Arabia	4.1	3.4	4.5	4.0	2.5	4.3	5.6
Singapore	45.7	39.0	29.3	30.1	35.9	32.7	33.8
Taiwan, Province Of China	2.1	2.9	1.6	5.5	5.9	4.8	5.5
Thailand	1.9	2.7	1.5	1.9	1.6	1.8	2.6
Turkiye	0.0	0.0	0.4	0.1	0.4	0.2	0.6
United Arab Emirates	5.3	7.5	7.9	4.8	4.5	6.1	3.7
United States	0.8	0.5	0.3	0.1	0.1	0.2	0.5
Other countries	6.2	4.5	9.9	7.1	8.6	9.2	6.1
Jumlah / Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Jabatan Perangkaan Malaysia (DOSM)
Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

14b Nilai Import Keluaran Petroleum Bertapis mengikut Negara Asal - Suku Tahunan
Import Value of Refined Petroleum Products by Country of Origin - Quarterly

Keterangan Description	2022				2023 ^f				2024 ^p			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Nilai (RM Juta) Value (RM Million)												
Australia	45	30	277	58	73	408	693	625	346	393	140	545
Brazil	36	-	33	207	48	44	133	83	1	275	217	154
Brunei Darussalam	186	434	849	436	293	102	214	274	515	403	495	510
China	2,799	3,936	4,790	6,130	7,333	3,726	4,273	3,865	4,391	3,163	2,698	1,613
Greece	0	0	394	0	74	758	433	0	221	343	449	334
India	2,238	1,761	2,683	889	635	2,498	1,652	1,782	3,940	1,185	1,481	3,013
Indonesia	846	540	1,389	1,620	664	770	913	1,192	1,296	943	926	861
Iraq	571	176	132	-	-	-	31	415	89	335	227	218
Japan	619	584	1,362	1,035	1,139	1,057	17	76	910	707	676	158
Korea, Republic Of	2,681	5,076	4,680	3,864	3,979	3,851	3,202	4,187	4,200	4,047	3,660	2,214
Netherlands	285	912	125	7	50	4	307	8	8	10	8	526
Nigeria	-	-	-	-	-	-	-	-	-	-	306	149
Qatar	4	248	337	101	146	528	21	496	228	124	123	590
Saudi Arabia	667	688	1,357	767	1,194	1,487	1,298	1,591	1,245	1,409	1,862	2,334
Singapore	7,200	13,254	16,599	12,110	10,168	10,309	10,854	11,227	11,060	11,199	9,769	9,077
Taiwan, Province Of China	722	2,226	3,344	1,755	1,453	1,721	1,274	1,825	2,841	1,133	1,413	1,310
Thailand	214	511	1,098	352	404	227	644	1,130	505	612	1,296	704
Turkiye	0	0	0	510	0	101	0	99	362	158	1	240
United Arab Emirates	1,221	1,521	1,982	1,408	1,187	2,612	2,464	1,669	1,951	1,071	1,345	162
United States	15	20	36	36	21	63	26	127	235	135	33	218
Other countries	2,065	3,718	3,971	1,987	2,038	3,059	2,188	4,717	3,184	2,191	1,573	473
Jumlah / Total	22,415	35,637	45,437	33,273	30,899	33,327	30,638	35,389	37,530	29,835	28,700	25,404
(B) Peratusan Sumbangan Percentage Share												
Australia	0.2	0.1	0.6	0.2	0.2	1.2	2.3	1.8	0.9	1.3	0.5	2.1
Brazil	0.2	-	0.1	0.6	0.2	0.1	0.4	0.2	0.0	0.9	0.8	0.6
Brunei Darussalam	0.8	1.2	1.9	1.3	0.9	0.3	0.7	0.8	1.4	1.4	1.7	2.0
China	12.5	11.0	10.5	18.4	23.7	11.2	13.9	10.9	11.7	10.6	9.4	6.3
Greece	0.0	0.0	0.9	0.0	0.2	2.3	1.4	0.0	0.6	1.1	1.6	1.3
India	10.0	4.9	5.9	2.7	2.1	7.5	5.4	5.0	10.5	4.0	5.2	11.9
Indonesia	3.8	1.5	3.1	4.9	2.1	2.3	3.0	3.4	3.5	3.2	3.2	3.4
Iraq	2.5	0.5	0.3	-	-	-	0.1	1.2	0.2	1.1	0.8	0.9
Japan	2.8	1.6	3.0	3.1	3.7	3.2	0.1	0.2	2.4	2.4	2.4	0.6
Korea, Republic Of	12.0	14.2	10.3	11.6	12.9	11.6	10.5	11.8	11.2	13.6	12.8	8.7
Netherlands	1.3	2.6	0.3	0.0	0.2	0.0	1.0	0.0	0.0	0.0	0.0	2.1
Nigeria	-	-	-	-	-	-	-	-	-	-	1.1	0.6
Qatar	0.0	0.7	0.7	0.3	0.5	1.6	0.1	1.4	0.6	0.4	0.4	2.3
Saudi Arabia	3.0	1.9	3.0	2.3	3.9	4.5	4.2	4.5	3.3	4.7	6.5	9.2
Singapore	32.1	37.2	36.5	36.4	32.9	30.9	35.4	31.7	29.5	37.5	34.0	35.7
Taiwan, Province Of China	3.2	6.2	7.4	5.3	4.7	5.2	4.2	5.2	7.6	3.8	4.9	5.2
Thailand	1.0	1.4	2.4	1.1	1.3	0.7	2.1	3.2	1.3	2.1	4.5	2.8
Turkiye	0.0	0.0	0.0	1.5	0.0	0.3	0.0	0.3	1.0	0.5	0.0	0.9
United Arab Emirates	5.4	4.3	4.4	4.2	3.8	7.8	8.0	4.7	5.2	3.6	4.7	0.6
United States	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.4	0.6	0.5	0.1	0.9
Other countries	9.2	10.4	8.7	6.0	6.6	9.2	7.1	13.3	8.5	7.3	5.5	1.9
Jumlah / Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Jabatan Perangkaan Malaysia (DOSM)
Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

15a Nilai Import Gas Asli Cecair (LNG) mengikut Negara Asal - Tahunan
Import Value of Liquefied Natural Gas (LNG) by Country of Origin - Annually

Keterangan Description	2018	2019	2020	2021	2022	2023 ^f	2024 ^p
(A) Nilai (RM Juta) Value (RM Million)							
Australia	1,924	3,587	3,612	1,222	6,804	6,330	8,303
Brunei Darussalam	810	1,618	1,131	166	2,741	665	-
Equatorial Guinea	-	74	-	-	-	-	-
Indonesia	-	-	-	-	46	-	152
Mozambique	-	-	-	-	-	-	424
Nigeria	-	60	79	74	-	-	-
Papua New Guinea	-	-	-	-	-	-	179
Singapore	0.002	-	82	-	-	-	-
United States	-	140	-	-	0.02	-	942
Jumlah / Total	2,734	5,480	4,904	1,462	9,591	6,995	10,001
(B) Peratusan Sumbangan Percentage Share							
Australia	70.4	65.5	73.7	83.6	70.9	90.5	83.0
Brunei Darussalam	29.6	29.5	23.1	11.3	28.6	9.5	-
Equatorial Guinea	-	1.4	-	-	-	-	-
Indonesia	-	-	-	-	0.5	-	1.5
Mozambique	-	-	-	-	-	-	4.2
Nigeria	-	1.1	1.6	5.1	-	-	-
Papua New Guinea	-	-	-	-	-	-	1.8
Singapore	0.0	-	1.7	-	-	-	-
United States	-	2.6	-	-	0.0	-	9.4
Jumlah / Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Jabatan Perangkaan Malaysia (DOSM)
 Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

15b Nilai Import Gas Asli Cecair (LNG) mengikut Negara Asal - Suku Tahunan
 Import Value of Liquefied Natural Gas (LNG) by Country of Origin - Quarterly

Keterangan Description	2022				2023 ^f				2024 ^p			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Nilai (RM Juta) Value (RM Million)												
Australia	1,142	1,376	2,381	1,905	1,666	1,607	1,356	1,701	2,758	1,777	1,896	1,872
Brunei Darussalam	137	553	1,300	751	226	225	215	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	46	-	-	-	-	-	-	152	-
Mozambique	-	-	-	-	-	-	-	-	-	194	58	173
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	179	-
Singapore	-	-	-	-	-	-	-	-	-	-	-	-
United States	-	-	0	-	-	-	-	-	0	192	562	187
Jumlah / Total	1,280	1,929	3,680	2,702	1,892	1,832	1,571	1,701	2,758	2,163	2,847	2,232
(B) Peratusan Sumbangan Percentage Share												
Australia	89.3	71.3	64.7	70.5	88.1	87.7	86.3	100.0	100.0	82.1	66.6	83.9
Brunei Darussalam	10.7	28.7	35.3	27.8	11.9	12.3	13.7	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	1.7	-	-	-	-	-	-	5.4	-
Mozambique	-	-	-	-	-	-	-	-	-	9.0	2.0	7.7
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	6.3	-
Singapore	-	-	-	-	-	-	-	-	-	-	-	-
United States	-	-	0.0	-	-	-	-	-	0.0	8.9	19.8	8.4
Jumlah / Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Jabatan Perangkaan Malaysia (DOSM)
 Source : Department of Statistics, Malaysia (DOSM)

Nota / Notes :

^p Awalan / Preliminary

^f Muktamad / Final

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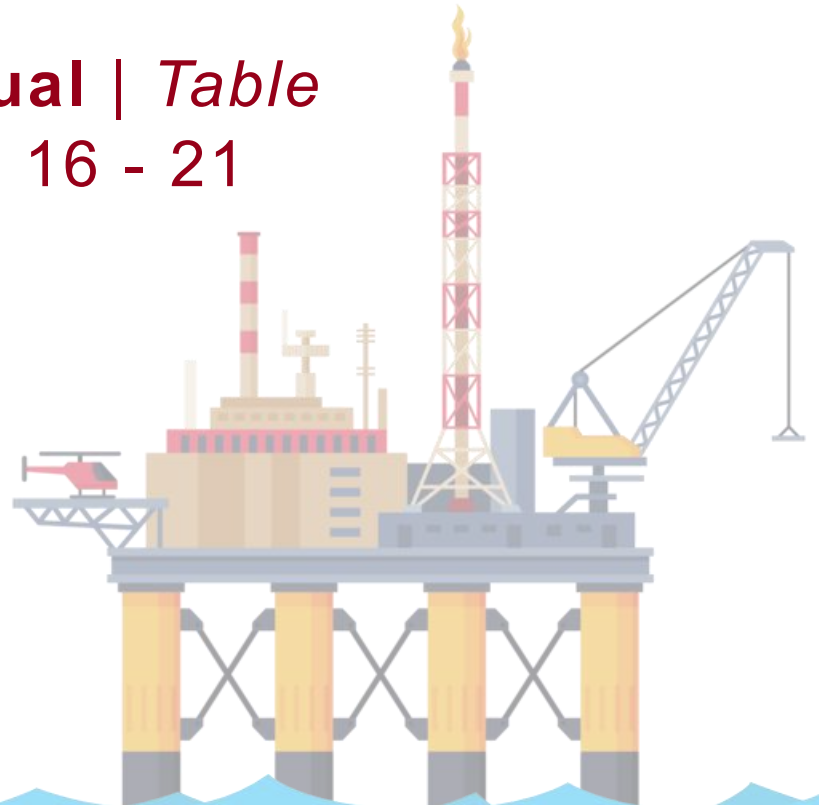
JADUAL STATISTIK *STATISTICAL TABLES*

SEGMENT
SEGMENT

C

INDIKATOR MAKROEKONOMI *MACROECONOMIC INDICATORS*

Jadual | Table
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Keterangan Description	2018	2019	2020	2021	2022 ^o	2023 ^p	2024
(A) Nilai (RM Juta) Value (RM Million)							
Pertanian / Agriculture	108,757	109,542	115,834	148,152	160,567	141,930	157,637
Perlombongan dan Pengkuarian Mining and Quarrying	134,833	131,084	96,172	124,355	178,439	155,983	155,682
Minyak Mentah dan Kondensat Crude Oil and Condensate	70,800	64,285	39,011	55,325	79,162	65,615	63,150
Gas Asli / Natural Gas	54,290	56,035	47,923	59,834	88,511	78,914	79,963
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan Other Mining & Quarrying and Supporting Services	9,743	10,764	9,237	9,195	10,766	11,454	12,569
Pembuatan / Manufacturing	311,676	323,862	315,360	361,826	418,538	419,584	434,432
Produk Petroleum Bertapis Refined Petroleum Products	45,228	47,481	42,119	54,749	69,103	63,169	57,060
Pembinaan / Construction	70,048	71,067	57,657	55,654	60,810	65,949	78,088
Perkhidmatan / Services	804,993	860,130	817,713	841,692	956,737	1,018,972	1,082,526
Tambah Duti Import / Plus Import Duties	17,453	17,053	15,755	17,023	18,812	20,487	22,760
KDNK pada Harga Pembeli / GDP at Purchasers' Prices	1,447,760	1,512,738	1,418,491	1,548,701	1,793,903	1,822,904	1,931,125
(B) Perubahan Peratusan Tahunan Annual Percentage Change							
Pertanian / Agriculture	-7.8	0.7	5.7	27.9	8.4	-11.6	11.1
Perlombongan dan Pengkuarian Mining and Quarrying	11.1	-2.8	-26.6	29.3	43.5	-12.6	-0.2
Minyak Mentah dan Kondensat Crude Oil and Condensate	21.5	-9.2	-39.3	41.8	43.1	-17.1	-3.8
Gas Asli / Natural Gas	0.7	3.2	-14.5	24.9	47.9	-10.8	1.3
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan Other Mining & Quarrying and Supporting Services	6.3	10.5	-14.2	-0.5	17.1	6.4	9.7
Pembuatan / Manufacturing	4.0	3.9	-2.6	14.7	15.7	0.2	3.5
Produk Petroleum Bertapis Refined Petroleum Products	13.7	5.0	-11.3	30.0	26.2	-8.6	-9.7
Pembinaan / Construction	5.3	1.5	-18.9	-3.5	9.3	8.5	18.4
Perkhidmatan / Services	7.7	6.8	-4.9	2.9	13.7	6.5	6.2
Tambah Duti Import / Plus Import Duties	-9.5	-2.3	-7.6	8.0	10.5	8.9	11.1
KDNK pada Harga Pembeli / GDP at Purchasers' Prices	5.5	4.5	-6.2	9.2	15.8	1.6	5.9
(C) Peratusan Sumbangan kepada KDNK Percentage Share to GDP							
Pertanian / Agriculture	7.5	7.2	8.2	9.6	9.0	7.8	8.2
Perlombongan dan Pengkuarian Mining and Quarrying	9.3	8.7	6.8	8.0	9.9	8.6	8.1
Minyak Mentah dan Kondensat Crude Oil and Condensate	4.9	4.2	2.8	3.6	4.4	3.6	3.3
Gas Asli / Natural Gas	3.7	3.7	3.4	3.9	4.9	4.3	4.1
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan Other Mining & Quarrying and Supporting Services	0.7	0.7	0.7	0.6	0.6	0.6	0.7
Pembuatan / Manufacturing	21.5	21.4	22.2	23.4	23.3	23.0	22.5
Produk Petroleum Bertapis Refined Petroleum Products	3.1	3.1	3.0	3.5	3.9	3.5	3.0
Pembinaan / Construction	4.8	4.7	4.1	3.6	3.4	3.6	4.0
Perkhidmatan / Services	55.6	56.9	57.6	54.3	53.3	55.9	56.1
Tambah Duti Import / Plus Import Duties	1.2	1.1	1.1	1.1	1.0	1.1	1.2
KDNK pada Harga Pembeli / GDP at Purchasers' Prices	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Keluaran Dalam Negeri Kasar (KDNK) Suku Tahunan

Source : Quarterly Gross Domestic Product (GDP)

Nota / Notes :

^o Anggaran / Estimate^p Awalan / Preliminary

Keterangan / Description	2022 ^e				2023 ^p				2024			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Nilai (RM Juta) / Value (RM Million)												
Pertanian / Agriculture	38,698	44,133	40,425	37,311	31,153	32,679	40,404	37,694	32,690	36,503	43,831	44,613
Perombongan dan Pengkuarian	42,941	47,473	44,716	43,309	42,277	38,913	35,638	39,154	44,969	42,472	33,599	34,643
<i>Mining and Quarrying</i>												
Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i>	20,759	25,320	17,354	15,729	17,440	17,857	14,278	16,040	18,988	20,150	11,751	12,262
Gas Asli / <i>Natural Gas</i>	19,573	19,998	24,720	24,220	21,881	18,749	18,612	19,672	22,728	19,708	18,821	18,706
Perombongan Lain & Pengkuarian dan Perkhidmatan Sokongan <i>Other Mining & Quarrying and Supporting Services</i>	2,609	2,154	2,642	3,360	2,956	2,307	2,749	3,442	3,253	2,615	3,027	3,675
Pembuatan / Manufacturing	97,528	101,880	108,175	110,954	103,832	101,332	105,701	108,719	104,656	106,611	111,677	111,487
Produk Petroleum Bertapis <i>Refined Petroleum Products</i>	15,300	15,710	19,713	18,379	16,655	14,731	16,077	15,706	14,729	13,747	14,767	13,817
Pembinaan / Construction	14,804	14,886	15,544	15,576	16,158	16,183	17,067	16,541	18,273	19,148	20,637	20,031
Perkhidmatan / Services	224,339	231,735	244,669	255,994	245,339	245,393	259,246	268,994	259,443	262,327	274,786	285,970
Tambah Duti Import / Plus Import Duties	4,144	4,905	4,728	5,036	4,573	5,184	5,107	5,623	4,939	5,435	6,200	6,185
KDNK pada Harga Pembeli / GDP at Purchasers' Prices	422,454	445,013	458,256	468,181	443,332	439,683	463,163	476,726	464,970	472,495	490,730	502,929
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya / Percentage Change from Corresponding Quarter of Preceding Year												
Pertanian / Agriculture	28.7	27.0	0.0	-13.1	-19.5	-26.0	-0.1	1.0	4.9	11.7	8.5	18.4
Perombongan dan Pengkuarian	44.0	47.3	56.1	28.7	-1.5	-18.0	-20.3	-9.6	6.4	9.1	-5.7	-11.5
<i>Mining and Quarrying</i>												
Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i>	50.0	52.1	48.5	19.6	-16.0	-29.5	-17.7	2.0	8.9	12.8	-17.7	-23.6
Gas Asli / <i>Natural Gas</i>	43.5	45.5	66.7	37.4	11.8	-6.2	-24.7	-18.8	3.9	5.1	1.1	-4.9
Perombongan Lain & Pengkuarian dan Perkhidmatan Sokongan <i>Other Mining & Quarrying and Supporting Services</i>	11.4	17.3	23.8	16.6	13.3	7.1	4.0	2.4	10.0	13.4	10.1	6.8
Pembuatan / Manufacturing	14.4	17.5	21.5	10.0	6.5	-0.5	-2.3	-2.0	0.8	5.2	5.7	2.5
Produk Petroleum Bertapis <i>Refined Petroleum Products</i>	26.7	27.4	32.0	19.3	8.9	-6.2	-18.4	-14.5	-11.6	-6.7	-8.2	-12.0
Pembinaan / Construction	-1.8	7.5	20.2	12.9	9.1	8.7	9.8	6.2	13.1	18.3	20.9	21.1
Perkhidmatan / Services	8.4	14.5	20.1	11.9	9.4	5.9	6.0	5.1	5.7	6.9	6.0	6.3
Tambah Duti Import / Plus Import Duties	-0.4	6.8	27.2	10.6	10.4	5.7	8.0	11.7	8.0	4.9	21.4	10.0
KDNK pada Harga Pembeli / GDP at Purchasers' Prices	13.8	18.9	21.1	10.3	4.9	-1.2	1.1	1.8	4.9	7.5	6.0	5.5
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya / Percentage Change from Preceding Quarter												
Pertanian / Agriculture	-9.8	14.0	-8.4	-7.7	-16.5	4.9	23.6	-6.7	-13.3	11.7	20.1	1.8
Perombongan dan Pengkuarian	27.6	10.6	-5.8	-3.1	-2.4	-8.0	-8.4	9.9	14.8	-5.6	-20.9	3.1
<i>Mining and Quarrying</i>												
Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i>	57.8	22.0	-31.5	-9.4	10.9	2.4	-20.0	12.3	18.4	6.1	-41.7	4.3
Gas Asli / <i>Natural Gas</i>	11.1	2.2	23.6	-2.0	-9.7	-14.3	-0.7	5.7	15.5	-13.3	-4.5	-0.6
Perombongan Lain & Pengkuarian dan Perkhidmatan Sokongan <i>Other Mining & Quarrying and Supporting Services</i>	-9.5	-17.4	22.7	27.2	-12.0	-22.0	19.2	25.2	-5.5	-19.6	15.8	21.4
Pembuatan / Manufacturing	-3.3	4.5	6.2	2.6	-6.4	-2.4	4.3	2.9	-3.7	1.9	4.8	-0.2
Produk Petroleum Bertapis <i>Refined Petroleum Products</i>	-0.6	2.7	25.5	-6.8	-9.4	-11.6	9.1	-2.3	-6.2	-6.7	7.4	-6.4
Pembinaan / Construction	7.3	0.6	4.4	0.2	3.7	0.2	5.5	-3.1	10.5	4.8	7.8	-2.9
Perkhidmatan / Services	-1.9	3.3	5.6	4.6	-4.2	0.0	5.6	3.8	-3.6	1.1	4.7	4.1
Tambah Duti Import / Plus Import Duties	-9.0	18.4	-3.6	6.5	-9.2	13.4	-1.5	10.1	-12.2	10.0	14.1	-0.2
KDNK pada Harga Pembeli / GDP at Purchasers' Prices	-0.5	5.3	3.0	2.2	-5.3	-0.8	5.3	2.9	-2.5	1.6	3.9	2.5
(D) Peratusan Sumbangan kepada KDNK / Percentage Share to GDP												
Pertanian / Agriculture	9.2	9.9	8.8	8.0	7.0	7.4	8.7	7.9	7.0	7.7	8.9	8.9
Perombongan dan Pengkuarian	10.2	10.7	9.8	9.3	9.5	8.9	7.7	8.2	9.7	9.0	6.8	6.9
<i>Mining and Quarrying</i>												
Minyak Mentah dan Kondensat <i>Crude Oil and Condensate</i>	4.9	5.7	3.8	3.4	3.9	4.1	3.1	3.4	4.1	4.3	2.4	2.4
Gas Asli / <i>Natural Gas</i>	4.6	4.5	5.4	5.2	4.9	4.3	4.0	4.1	4.9	4.2	3.8	3.7
Perombongan Lain & Pengkuarian dan Perkhidmatan Sokongan <i>Other Mining & Quarrying and Supporting Services</i>	0.6	0.5	0.6	0.7	0.7	0.5	0.6	0.7	0.7	0.6	0.6	0.7
Pembuatan / Manufacturing	23.1	22.9	23.6	23.7	23.4	23.0	22.8	22.8	22.5	22.6	22.8	22.2
Produk Petroleum Bertapis <i>Refined Petroleum Products</i>	3.6	3.5	4.3	3.9	3.8	3.4	3.5	3.3	3.2	2.9	3.0	2.7
Pembinaan / Construction	3.5	3.3	3.4	3.3	3.6	3.7	3.7	3.5	3.9	4.1	4.2	4.0
Perkhidmatan / Services	53.1	52.1	53.4	54.7	55.3	55.8	56.0	56.4	55.8	55.5	56.0	56.9
Tambah Duti Import / Plus Import Duties	1.0	1.1	1.0	1.1	1.0	1.2	1.1	1.2	1.1	1.2	1.3	1.2
KDNK pada Harga Pembeli / GDP at Purchasers' Prices	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Nota / Notes :

^e Anggaran / Estimate^p Awalan / Preliminary

Sumber : Keluaran Dalam Negeri Kasar (KDNK) Suku Tahunan

Source : Quarterly Gross Domestic Product (GDP)

17a KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Malar - Tahunan

GDP by Economic Activity at Constant Prices - Annually

Keterangan Description	2018	2019	2020	2021	2022 ^o	2023 ^p	2024
(A) Nilai (RM Juta) Value (RM Million)							
Pertanian / Agriculture	99,637	101,573	99,109	98,843	100,082	100,812	103,917
Perlombongan dan Pengkuarian Mining and Quarrying	103,557	102,887	92,879	93,717	97,001	97,513	98,411
Minyak Mentah dan Kondensat Crude Oil and Condensate	45,430	42,460	38,430	36,410	36,283	36,155	35,198
Gas Asli / Natural Gas	49,322	50,643	45,896	49,166	51,748	52,063	53,599
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan Other Mining & Quarrying and Supporting Services	8,806	9,784	8,554	8,142	8,969	9,295	9,614
Pembuatan / Manufacturing	304,843	316,283	307,606	336,724	364,124	366,694	381,939
Produk Petroleum Bertapis Refined Petroleum Products	37,962	39,026	35,286	39,784	41,934	40,986	41,783
Pembinaan / Construction	66,194	66,453	53,616	50,839	53,426	56,659	66,582
Perkhidmatan / Services	772,990	820,576	777,693	795,116	882,723	927,904	977,650
Tambah Duti Import / Plus Import Duties	16,546	16,179	15,346	15,642	16,784	18,392	19,664
KDNK pada Harga Pembeli / GDP at Purchasers' Prices	1,363,766	1,423,952	1,346,249	1,390,882	1,514,139	1,567,974	1,648,163
(B) Perubahan Peratusan Tahunan Annual Percentage Change							
Pertanian / Agriculture	0.1	1.9	-2.4	-0.3	1.3	0.7	3.1
Perlombongan dan Pengkuarian Mining and Quarrying	-2.2	-0.6	-9.7	0.9	3.5	0.5	0.9
Minyak Mentah dan Kondensat Crude Oil and Condensate	-0.8	-6.5	-9.5	-5.3	-0.3	-0.4	-2.6
Gas Asli / Natural Gas	-4.2	2.7	-9.4	7.1	5.3	0.6	3.0
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan Other Mining & Quarrying and Supporting Services	3.1	11.1	-12.6	-4.8	10.2	3.6	3.4
Pembuatan / Manufacturing	5.0	3.8	-2.7	9.5	8.1	0.7	4.2
Produk Petroleum Bertapis Refined Petroleum Products	3.3	2.8	-9.6	12.7	5.4	-2.3	1.9
Pembinaan / Construction	4.2	0.4	-19.3	-5.2	5.1	6.1	17.5
Perkhidmatan / Services	6.9	6.2	-5.2	2.2	11.0	5.1	5.4
Tambah Duti Import / Plus Import Duties	-8.5	-2.2	-5.2	1.9	7.3	9.6	6.9
KDNK pada Harga Pembeli / GDP at Purchasers' Prices	4.8	4.4	-5.5	3.3	8.9	3.6	5.1
(C) Peratusan Sumbangan kepada KDNK Percentage Share to GDP							
Pertanian / Agriculture	7.3	7.1	7.4	7.1	6.6	6.4	6.3
Perlombongan dan Pengkuarian Mining and Quarrying	7.6	7.2	6.9	6.7	6.4	6.2	6.0
Minyak Mentah dan Kondensat Crude Oil and Condensate	3.3	3.0	2.9	2.6	2.4	2.3	2.1
Gas Asli / Natural Gas	3.6	3.6	3.4	3.5	3.4	3.3	3.3
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan Other Mining & Quarrying and Supporting Services	0.6	0.7	0.6	0.6	0.6	0.6	0.6
Pembuatan / Manufacturing	22.4	22.2	22.8	24.2	24.0	23.4	23.2
Produk Petroleum Bertapis Refined Petroleum Products	2.8	2.7	2.6	2.9	2.8	2.6	2.5
Pembinaan / Construction	4.9	4.7	4.0	3.7	3.5	3.6	4.0
Perkhidmatan / Services	56.7	57.6	57.8	57.2	58.3	59.2	59.3
Tambah Duti Import / Plus Import Duties	1.2	1.1	1.1	1.1	1.1	1.2	1.2
KDNK pada Harga Pembeli / GDP at Purchasers' Prices	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Keluaran Dalam Negeri Kasar (KDNK) Suku Tahunan

Source : Quarterly Gross Domestic Product (GDP)

Nota / Notes :

^o Anggaran / Estimate

^p Awalan / Preliminary

17b KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Malar - Suku Tahunan

GDP by Economic Activity at Constant Prices - Quarterly

Keterangan / Description	2022 ^e				2023 ^p				2024			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Nilai (RM Juta) / Value (RM Million)												
Pertanian / Agriculture	22,924	23,666	27,944	25,549	23,242	23,498	28,030	26,042	23,646	25,222	29,148	25,902
Perombongan dan Pengkuarian	24,377	23,667	23,421	25,535	24,755	23,173	23,162	26,422	26,172	23,808	22,253	26,178
<i>Mining and Quarrying</i>												
Minyak Mentah dan Kondensat	9,193	9,112	8,644	9,335	9,228	8,855	8,598	9,474	9,350	8,995	7,969	8,885
<i>Crude Oil and Condensate</i>												
Gas Asli / Natural Gas	12,996	12,761	12,513	13,478	13,187	12,458	12,229	14,189	14,367	12,818	11,890	14,524
Perombongan Lain & Pengkuarian dan Perkhidmatan Sokongan	2,189	1,793	2,265	2,722	2,341	1,861	2,335	2,758	2,455	1,994	2,395	2,770
<i>Other Mining & Quarrying and Supporting Services</i>												
Pembuatan / Manufacturing	87,174	89,038	92,399	95,512	89,990	89,152	92,291	95,261	91,727	93,369	97,422	99,420
Produk Petroleum Bertapis	9,672	9,884	11,514	10,864	10,278	9,656	10,546	10,507	10,323	10,033	10,800	10,627
<i>Refined Petroleum Products</i>												
Pembinaan / Construction	12,938	12,961	13,635	13,892	13,895	13,767	14,611	14,386	15,551	16,143	17,520	17,369
Perkhidmatan / Services	210,226	214,560	224,311	233,625	225,184	224,259	235,300	243,162	235,953	237,551	247,610	256,537
Tambah Duti Import / Plus Import Duties	3,813	4,224	4,169	4,579	4,308	4,522	4,523	5,040	4,459	4,644	5,282	5,279
KDNK pada Harga Pembeli / GDP at Purchasers' Prices	361,453	368,117	385,880	398,691	381,374	378,371	397,916	410,313	397,507	400,736	419,235	430,686
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya / Percentage Change from Corresponding Quarter of Preceding Year												
Pertanian / Agriculture	1.6	-1.6	2.3	2.5	1.4	-0.7	0.3	1.9	1.7	7.3	4.0	-0.5
Perombongan dan Pengkuarian	-1.0	-1.7	10.4	7.3	1.6	-2.1	-1.1	3.5	5.7	2.7	-3.9	-0.9
<i>Mining and Quarrying</i>												
Minyak Mentah dan Kondensat	-6.0	-5.0	4.4	6.6	0.4	-2.8	-0.5	1.5	1.3	1.6	-7.3	-6.2
<i>Crude Oil and Condensate</i>												
Gas Asli / Natural Gas	2.0	-0.5	13.9	6.9	1.5	-2.4	-2.3	5.3	9.0	2.9	-2.8	2.4
Perombongan Lain & Pengkuarian dan Perkhidmatan Sokongan	3.8	8.0	16.9	11.8	6.9	3.8	3.1	1.3	4.9	7.2	2.6	0.4
<i>Other Mining & Quarrying and Supporting Services</i>												
Pembuatan / Manufacturing	6.7	9.2	13.1	4.0	3.2	0.1	-0.1	-0.3	1.9	4.7	5.6	4.4
Produk Petroleum Bertapis	2.7	3.0	10.7	4.8	6.3	-2.3	-8.4	-3.3	0.4	3.9	2.4	1.1
<i>Refined Petroleum Products</i>												
Pembinaan / Construction	-6.0	2.6	15.3	10.2	7.4	6.2	7.2	3.6	11.9	17.3	19.9	20.7
Perkhidmatan / Services	6.5	11.9	16.8	9.2	7.1	4.5	4.9	4.1	4.8	5.9	5.2	5.5
Tambah Duti Import / Plus Import Duties	-3.2	0.1	27.2	8.8	13.0	7.1	8.5	10.1	3.5	2.7	16.8	4.7
KDNK pada Harga Pembeli / GDP at Purchasers' Prices	5.1	8.9	14.4	7.4	5.5	2.8	3.1	2.9	4.2	5.9	5.4	5.0
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya / Percentage Change from Preceding Quarter												
Pertanian / Agriculture	-8.0	3.2	18.1	-8.6	-9.0	1.1	19.3	-7.1	-9.2	6.7	15.6	-11.1
Perombongan dan Pengkuarian	2.4	-2.9	-1.0	9.0	-3.1	-6.4	0.0	14.1	-0.9	-9.0	-6.5	17.6
<i>Mining and Quarrying</i>												
Minyak Mentah dan Kondensat	4.9	-0.9	-5.1	8.0	-1.2	-4.0	-2.9	10.2	-1.3	-3.8	-11.4	11.5
<i>Crude Oil and Condensate</i>												
Gas Asli / Natural Gas	3.0	-1.8	-1.9	7.7	-2.2	-5.5	-1.8	16.0	1.3	-10.8	-7.2	22.2
Perombongan Lain & Pengkuarian dan Perkhidmatan Sokongan	-10.1	-18.1	26.3	20.2	-14.0	-20.5	25.5	18.1	-11.0	-18.8	20.1	15.7
<i>Other Mining & Quarrying and Supporting Services</i>												
Pembuatan / Manufacturing	-5.1	2.1	3.8	3.4	-5.8	-0.9	3.5	3.2	-3.7	1.8	4.3	2.1
Produk Petroleum Bertapis	-6.7	2.2	16.5	-5.6	-5.4	-6.0	9.2	-0.4	-1.7	-2.8	7.6	-1.6
<i>Refined Petroleum Products</i>												
Pembinaan / Construction	2.6	0.2	5.2	1.9	0.0	-0.9	6.1	-1.5	8.1	3.8	8.5	-0.9
Perkhidmatan / Services	-1.8	2.1	4.5	4.2	-3.6	-0.4	4.9	3.3	-3.0	0.7	4.2	3.6
Tambah Duti Import / Plus Import Duties	-9.4	10.8	-1.3	9.8	-5.9	5.0	0.0	11.4	-11.5	4.2	13.7	-0.1
KDNK pada Harga Pembeli / GDP at Purchasers' Prices	-2.7	1.8	4.8	3.3	-4.3	-0.8	5.2	3.1	-3.1	0.8	4.6	2.7
(D) Peratusan Sumbangan kepada KDNK / Percentage Share to GDP												
Pertanian / Agriculture	6.3	6.4	7.2	6.4	6.1	6.2	7.0	6.3	5.9	6.3	7.0	6.0
Perombongan dan Pengkuarian	6.7	6.4	6.1	6.4	6.5	6.1	5.8	6.4	6.6	5.9	5.3	6.1
<i>Mining and Quarrying</i>												
Minyak Mentah dan Kondensat	2.5	2.5	2.2	2.3	2.4	2.3	2.2	2.3	2.4	2.2	1.9	2.1
<i>Crude Oil and Condensate</i>												
Gas Asli / Natural Gas	3.6	3.5	3.2	3.4	3.5	3.3	3.1	3.5	3.6	3.2	2.8	3.4
Perombongan Lain & Pengkuarian dan Perkhidmatan Sokongan	0.6	0.5	0.6	0.7	0.6	0.5	0.6	0.7	0.6	0.5	0.6	0.6
<i>Other Mining & Quarrying and Supporting Services</i>												
Pembuatan / Manufacturing	24.1	24.2	23.9	24.0	23.6	23.6	23.2	23.2	23.1	23.3	23.2	23.1
Produk Petroleum Bertapis	2.7	2.7	3.0	2.7	2.7	2.6	2.7	2.6	2.6	2.5	2.6	2.5
<i>Refined Petroleum Products</i>												
Pembinaan / Construction	3.6	3.5	3.5	3.5	3.6	3.6	3.7	3.5	3.9	4.0	4.2	4.0
Perkhidmatan / Services	58.2	58.3	58.1	58.6	59.0	59.3	59.1	59.3	59.4	59.3	59.1	59.6
Tambah Duti Import / Plus Import Duties	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.2	1.1	1.2	1.3	1.2
KDNK pada Harga Pembeli / GDP at Purchasers' Prices	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Nota / Notes :

^e Anggaran / Estimate

^p Awalan / Preliminary

Sumber : Keluaran Dalam Negeri Kasar (KDNK) Suku Tahunan

Source : Quarterly Gross Domestic Product (GDP)

18a IPP dan Indeks Sektor (2015=100) - Tahunan

IPI and Sectors Indices (2015=100) - Annually

Keterangan <i>Description</i>	Wajaran Weights 2015	2018	2019	2020	2021	2022	2023	2024
(A) Indeks <i>Index</i>								
IPP / IPI	100.00	112.2	114.9	110.2	118.3	126.5	127.4	132.2
Perombongan / Mining	25.14	100.6	99.3	90.5	91.8	94.5	94.7	95.3
Pengekstrakan Minyak Petroleum Mentah dan Kondensat <i>Extraction of Crude Petroleum Oils and Condensates</i>	12.22	99.3	93.5	85.1	80.8	80.5	80.3	78.2
Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli) <i>Production of Crude Gaseous Hydrocarbon (Natural Gas)</i>	12.92	101.9	104.9	95.5	102.3	107.7	108.3	111.5
Pembuatan / Manufacturing	68.25	116.0	120.1	116.9	128.1	138.5	139.5	145.7
Produk Petroleum, Kimia, Getah dan Plastik <i>Petroleum, Chemical, Rubber and Plastic Products</i>	20.60	112.6	115.9	115.0	130.1	131.3	130.1	134.2
Pembuatan Kok dan Produk Petroleum Bertapis <i>Manufacture of Coke and Refined Petroleum Products</i>	9.36	110.2	113.2	101.2	112.9	120.0	118.1	119.6
Pembuatan Kimia dan Produk Kimia <i>Manufacture of Chemicals and Chemical Products</i>	6.37	115.5	117.5	109.2	119.5	124.4	129.7	132.5
Pembuatan Produk Farmaseutikal Asas, Kimia Perubatan dan Botani <i>Manufacture of Basic Pharmaceuticals, Medicinal Chemical and Botanical Products</i>	0.38	115.9	120.7	138.2	159.9	169.7	168.4	178.1
Pembuatan Produk Getah dan Plastik <i>Manufacture of Rubber and Plastics Products</i>	4.49	113.4	118.9	150.2	178.4	161.2	152.6	163.4
Elektrik / Electric	6.61	116.3	119.9	115.7	118.6	124.0	126.4	133.4
(B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i>								
IPP / IPI		3.2	2.4	-4.1	7.4	6.9	0.7	3.8
Perombongan / Mining		-2.1	-1.3	-8.9	1.5	2.9	0.2	0.7
Pengekstrakan Minyak Petroleum Mentah dan Kondensat <i>Extraction of Crude Petroleum Oils and Condensates</i>		-0.2	-5.9	-8.9	-5.2	-0.3	-0.4	-2.6
Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli) <i>Production of Crude Gaseous Hydrocarbon (Natural Gas)</i>		-3.7	3.0	-8.9	7.1	5.3	0.6	3.0
Pembuatan / Manufacturing		4.8	3.6	-2.7	9.5	8.2	0.7	4.4
Produk Petroleum, Kimia, Getah dan Plastik <i>Petroleum, Chemical, Rubber and Plastic Products</i>		4.0	2.9	-0.8	13.1	0.9	-0.9	3.2
Pembuatan Kok dan Produk Petroleum Bertapis <i>Manufacture of Coke and Refined Petroleum Products</i>		3.3	2.7	-10.6	11.6	6.3	-1.6	1.3
Pembuatan Kimia dan Produk Kimia <i>Manufacture of Chemicals and Chemical Products</i>		4.4	1.8	-7.1	9.4	4.1	4.2	2.2
Pembuatan Produk Farmaseutikal Asas, Kimia Perubatan dan Botani <i>Manufacture of Basic Pharmaceuticals, Medicinal Chemical and Botanical Products</i>		5.9	4.2	14.5	15.7	6.1	-0.7	5.7
Pembuatan Produk Getah dan Plastik <i>Manufacture of Rubber and Plastics Products</i>		4.6	4.9	26.3	18.8	-9.6	-5.3	7.0
Elektrik / Electric		4.8	3.1	-3.5	2.5	4.5	2.0	5.6

Sumber : Indeks Pengeluaran Perindustrian (2015=100)

Source : Index of Industrial Production (2015=100)

18b IPP dan Indeks Sektor (2015=100) - Suku Tahunan

IPI and Sectors Indices (2015=100) - Quarterly

Keterangan Description	Wajaran Weights 2015	2022				2023				2024			
		I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Indeks Index													
IPP / IPI	100.00	122.9	123.6	128.8	130.6	126.2	123.2	128.4	131.7	130.5	128.7	133.4	136.1
Perlombongan / Mining	25.14	95.7	92.6	92.1	97.6	96.7	90.1	90.7	101.1	102.4	92.3	86.5	100.1
Pengekstrakan Minyak Petroleum Mentah dan Kondensat / <i>Extraction of Crude Petroleum Oils and Condensates</i>	12.22	81.2	79.6	78.4	83.0	81.6	77.2	78.1	84.2	82.7	78.5	72.5	79.0
Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli) / <i>Production of Crude Gaseous Hydrocarbon (Natural Gas)</i>	12.92	109.4	105.0	104.9	111.3	111.0	102.4	102.6	117.2	121.0	105.4	99.8	120.0
Pembuatan / Manufacturing	68.25	133.2	134.8	142.5	143.5	137.7	134.9	142.3	143.2	140.9	141.5	150.5	149.7
Produk Petroleum, Kimia, Getah dan Plastik <i>Petroleum, Chemical, Rubber and Plastic Products</i>	20.60	130.2	126.6	136.9	131.5	132.9	124.3	132.9	130.3	133.5	129.7	139.0	134.7
Pembuatan Kok dan Produk Petroleum Bertapis <i>Manufacture of Coke and Refined Petroleum Products</i>	9.36	118.6	110.7	128.4	122.3	128.0	108.7	117.5	118.1	125.7	113.2	120.4	119.2
Pembuatan Kimia dan Produk Kimia <i>Manufacture of Chemicals and Chemical Products</i>	6.37	125.7	120.1	124.6	127.2	129.2	125.9	133.3	130.4	128.7	130.0	138.7	132.6
Pembuatan Produk Farmaseutikal Asas, Kimia Perubatan dan Botani / <i>Manufacture of Basic Pharmaceuticals, Medicinal Chemical and Botanical Products</i>	0.38	156.2	162.7	185.6	174.3	165.3	163.1	176.1	169.2	174.2	174.4	186.9	176.8
Pembuatan Produk Getah dan Plastik <i>Manufacture of Rubber and Plastics Products</i>	4.49	158.3	166.0	167.8	152.9	145.9	151.4	160.9	152.3	153.1	160.0	174.2	166.1
Elektrik / Electric	6.61	120.2	125.7	127.0	123.1	119.7	128.2	128.9	128.7	130.6	135.0	135.4	132.7
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya Percentage Change from Corresponding Quarter of Preceding Year													
IPP / IPI	4.5	6.7	12.5	4.2	2.7	-0.3	-0.3	0.8	3.4	4.5	3.9	3.4	
Perlombongan / Mining	-1.5	-2.4	9.9	6.7	1.0	-2.7	-1.5	3.7	5.9	2.4	-4.6	-1.1	
Pengekstrakan Minyak Petroleum Mentah dan Kondensat / <i>Extraction of Crude Petroleum Oils and Condensates</i>	-6.1	-5.0	4.7	6.6	0.5	-3.0	-0.5	1.5	1.4	1.7	-7.1	-6.1	
Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli) / <i>Production of Crude Gaseous Hydrocarbon (Natural Gas)</i>	2.0	-0.4	13.9	6.8	1.4	-2.5	-2.3	5.2	9.1	3.0	-2.7	2.4	
Pembuatan / Manufacturing	6.3	9.3	13.4	4.0	3.4	0.1	-0.1	-0.2	2.3	4.9	5.8	4.5	
Produk Petroleum, Kimia, Getah dan Plastik <i>Petroleum, Chemical, Rubber and Plastic Products</i>	-0.7	-0.8	4.2	0.9	2.1	-1.8	-2.9	-0.9	0.4	4.3	4.6	3.3	
Pembuatan Kok dan Produk Petroleum Bertapis <i>Manufacture of Coke and Refined Petroleum Products</i>	4.3	4.5	11.1	5.1	7.9	-1.8	-8.5	-3.5	-1.8	4.2	2.4	1.0	
Pembuatan Kimia dan Produk Kimia <i>Manufacture of Chemicals and Chemical Products</i>	4.2	6.5	4.3	1.7	2.8	4.8	7.0	2.5	-0.3	3.2	4.1	1.7	
Pembuatan Produk Farmaseutikal Asas, Kimia Perubatan dan Botani / <i>Manufacture of Basic Pharmaceuticals, Medicinal Chemical and Botanical Products</i>	9.9	4.9	7.0	3.0	5.8	0.2	-5.1	-2.9	5.4	6.9	6.1	4.5	
Pembuatan Produk Getah dan Plastik <i>Manufacture of Rubber and Plastics Products</i>	-12.5	-13.5	-5.4	-6.5	-7.8	-8.8	-4.1	-0.4	4.9	5.7	8.3	9.1	
Elektrik / Electric	2.7	6.6	9.8	-0.6	-0.4	2.1	1.5	4.6	9.1	5.3	5.0	3.1	
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya Percentage Change from Preceding Quarter													
IPP / IPI	-1.9	0.5	4.2	1.4	-3.4	-2.4	4.2	2.5	-0.9	-1.4	3.7	2.0	
Perlombongan / Mining	4.7	-3.2	-0.6	6.0	-0.9	-6.8	0.6	11.6	1.3	-9.9	-6.3	15.7	
Pengekstrakan Minyak Petroleum Mentah dan Kondensat / <i>Extraction of Crude Petroleum Oils and Condensates</i>	4.3	-1.9	-1.4	5.8	-1.7	-5.4	1.1	7.9	-1.8	-5.2	-7.6	9.1	
Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli) / <i>Production of Crude Gaseous Hydrocarbon (Natural Gas)</i>	4.9	-4.1	0.0	6.1	-0.3	-7.7	0.2	14.2	3.3	-12.9	-5.4	20.2	
Pembuatan / Manufacturing	-3.4	1.2	5.7	0.7	-4.0	-2.1	5.5	0.6	-1.6	0.4	6.4	-0.5	
Produk Petroleum, Kimia, Getah dan Plastik <i>Petroleum, Chemical, Rubber and Plastic Products</i>	-0.1	-2.7	8.1	-3.9	1.1	-6.5	6.9	-2.0	2.5	-2.8	7.2	-3.1	
Pembuatan Kok dan Produk Petroleum Bertapis <i>Manufacture of Coke and Refined Petroleum Products</i>	2.0	-6.7	16.0	-4.7	4.6	-15.1	8.2	0.5	6.5	-10.0	6.3	-1.0	
Pembuatan Kimia dan Produk Kimia <i>Manufacture of Chemicals and Chemical Products</i>	0.5	-4.4	3.7	2.1	1.6	-2.5	5.8	-2.2	-1.3	1.0	6.7	-4.4	
Pembuatan Produk Farmaseutikal Asas, Kimia Perubatan dan Botani / <i>Manufacture of Basic Pharmaceuticals, Medicinal Chemical and Botanical Products</i>	-7.6	4.1	14.1	-6.1	-5.1	-1.4	8.0	-3.9	3.0	0.1	7.2	-5.4	
Pembuatan Produk Getah dan Plastik <i>Manufacture of Rubber and Plastics Products</i>	-3.2	4.8	1.1	-8.8	-4.6	3.7	6.3	-5.3	0.5	4.5	8.9	-4.6	
Elektrik / Electric	-3.6	4.6	1.0	-3.1	-2.7	7.1	0.5	-0.1	1.4	3.4	0.3	-2.0	

Sumber : Indeks Pengeluaran Perindustrian (2015=100)

Source : Index of Industrial Production (2015=100)

19a IHPR (2010=100) Pengeluaran Tempatan, Pengekstrakan Petroleum Mentah & Gas Asli dan Pembuatan Kok & Produk Petroleum Bertapis - Tahunan
PPI (2010=100) Local Production, Extraction of Crude Petroleum & Natural Gas and Manufacture of Coke & Refined Petroleum Products - Annually

Keterangan Description	Wajaran Weights 2015	2018	2019	2020	2021	2022	2023	2024
(A) Indeks Index								
IHPR / PPI	100.000	106.7	105.2	102.4	112.1	120.8	118.5	118.9
Perlombongan / Mining	7.927	106.8	102.9	65.5	92.5	104.2	98.1	96.1
Pengekstrakan Petroleum Mentah Extraction of Crude Petroleum	5.782	116.6	110.8	66.9	98.8	105.1	94.5	91.9
Pengekstrakan Gas Asli Extraction of Natural Gas	2.145	75.4	78.2	63.6	73.7	74.7	76.7	93.6
Pembuatan / Manufacturing	81.571	107.0	106.0	105.6	111.4	120.8	120.5	120.1
Pembuatan Produk Petroleum Bertapis Manufacture of Refined Petroleum Products	10.038	124.6	126.4	117.7	133.4	160.6	151.9	132.6
(B) Perubahan Peratusan Tahunan Annual Percentage Change								
IHPR / PPI		-1.1	-1.4	-2.7	9.5	7.8	-1.9	-1.6
Perlombongan / Mining		17.5	-3.7	-36.3	41.2	12.6	-5.9	-7.8
Pengekstrakan Petroleum Mentah Extraction of Crude Petroleum		20.8	-5.0	-39.6	47.7	6.4	-10.1	-12.6
Pengekstrakan Gas Asli Extraction of Natural Gas		4.1	3.7	-18.7	15.9	43.7	9.9	9.7
Pembuatan / Manufacturing		-1.8	-0.9	-0.4	5.5	8.4	-0.2	-0.6
Pembuatan Produk Petroleum Bertapis Manufacture of Refined Petroleum Products		10.7	1.4	-6.9	13.3	20.4	13.9	-0.6

Sumber : Indeks Harga Pengeluar Pengeluaran Tempatan (2010 = 100)

Source : Producer Price Index Local Production (2010 = 100)

Keterangan Description	Wajaran Weights 2015	2022				2023				2024			
		I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Indeks <i>Index</i>													
IHPR / PPI	100.000	119.6	123.6	120.4	119.6	118.6	118.5	118.7	118.4	119.1	120.4	118.5	117.5
Perlombongan / Mining	7.927	104.3	106.4	103.2	102.7	97.2	94.9	100.3	100.1	101.1	101.6	92.6	89.1
Pengekstrakan Petroleum Mentah <i>Extraction of Crude Petroleum</i>	5.782	109.5	110.2	102.9	97.6	91.2	90.2	97.9	98.5	97.2	97.5	89.9	83.1
Pengekstrakan Gas Asli <i>Extraction of Natural Gas</i>	2.145	90.4	97.8	109.2	126.5	124.0	116.8	114.2	110.8	120.6	121.7	107.1	115.5
Pembuatan / Manufacturing	81.571	117.3	121.7	122.4	121.7	120.7	120.5	120.3	120.3	120.3	121.7	120.5	118.1
Pembuatan Produk Petroleum Bertapis <i>Manufacture of Refined Petroleum Products</i>	10.038	150.0	160.0	166.3	166.1	158.5	152.7	148.4	148.0	141.8	137.3	130.0	121.3
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya <i>Percentage Change from Corresponding Quarter of Preceding Year</i>													
IHPR / PPI		10.2	11.1	6.5	3.5	-0.8	-4.1	-1.4	-1.0	0.4	1.6	-0.2	-0.8
Perlombongan / Mining		28.3	18.8	4.9	1.8	-6.8	-10.8	-2.8	-2.5	4.0	7.1	-7.7	-11.0
Pengekstrakan Petroleum Mentah <i>Extraction of Crude Petroleum</i>		26.0	14.1	-1.8	-8.7	-6.6	-1.1	8.5	0.6	-1.3	0.3	-7.8	-7.6
Pengekstrakan Gas Asli <i>Extraction of Natural Gas</i>		41.0	43.6	37.9	51.9	-2.0	-5.8	-2.2	-3.0	8.8	0.9	-12.0	7.8
Pembuatan / Manufacturing		8.0	10.0	9.1	6.6	2.9	-1.0	-1.7	-1.2	-0.3	1.0	0.2	-1.8
Pembuatan Produk Petroleum Bertapis <i>Manufacture of Refined Petroleum Products</i>		20.7	22.9	21.5	16.8	5.7	-4.6	-10.8	-10.9	-10.5	-10.1	-12.4	-18.0
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya <i>Percentage Change from Preceding Quarter</i>													
IHPR / PPI		3.5	3.3	-2.6	-0.7	-0.8	-0.1	0.2	-0.3	0.6	1.1	-1.6	-0.8
Perlombongan / Mining		3.4	2.0	-3.0	-0.5	-5.4	-2.4	5.7	-0.2	1.0	0.5	-8.9	-3.8
Pengekstrakan Petroleum Mentah <i>Extraction of Crude Petroleum</i>		2.5	0.6	-6.6	-5.2	-6.6	-1.1	8.5	0.6	-1.3	0.3	-7.8	-7.6
Pengekstrakan Gas Asli <i>Extraction of Natural Gas</i>		8.5	8.2	11.7	15.8	-2.0	-5.8	-2.2	-3.0	8.8	0.9	-12.0	7.8
Pembuatan / Manufacturing		2.7	3.8	0.6	-0.6	-0.8	-0.2	-0.2	0.0	0.0	1.2	-1.0	-2.0
Pembuatan Produk Petroleum Bertapis <i>Manufacture of Refined Petroleum Products</i>		5.5	6.7	3.9	-0.1	-4.6	-3.7	-2.8	-0.3	-4.2	-3.2	-5.3	-6.7

Sumber : Indeks Harga Pengeluar Pengeluaran Tempatan (2010 = 100)
Source : Producer Price Index Local Production (2010 = 100)

20a Statistik Guna Tenaga Sektor Perlombongan dan Pengkuarian mengikut Kemahiran - Tahunan
Employment Statistics of Mining and Quarrying Sector by Skill - Annually

Keterangan Description	2018	2019	2020	2021	2022	2023 ^P	2024
(A) Bilangan ('000 orang) <i>Total ('000 persons)</i>							
Mahir <i>Skilled</i>	24.6	24.7	24.2	23.5	23.2	23.4	23.2
Separuh Mahir <i>Semi-skilled</i>	47.1	47.3	45.3	44.6	46.1	47.0	46.9
Berkemahiran Rendah <i>Low-skilled</i>	10.1	10.3	9.4	9.4	9.7	9.6	9.9
Jumlah <i>Total</i>	81.7	82.2	78.9	77.4	79.1	80.1	80.0
(B) Peratusan Sumbangan <i>Percentage Share</i>							
Mahir <i>Skilled</i>	30.1	30.0	30.7	30.3	29.4	29.3	29.0
Separuh Mahir <i>Semi-skilled</i>	57.6	57.5	57.3	57.6	58.3	58.7	58.7
Berkemahiran Rendah <i>Low-skilled</i>	12.3	12.5	12.0	12.1	12.3	12.0	12.3
Jumlah <i>Total</i>	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Statistik Guna Tenaga Suku Tahunan
 Source : Quarterly Employment Statistics

Nota / Notes :
^P Awalan / Preliminary

20b Statistik Guna Tenaga Sektor Perlombongan dan Pengkuarian mengikut Kemahiran - Suku Tahunan
Employment Statistics of Mining and Quarrying Sector by Skill - Quarterly

Keterangan <i>Description</i>	2022				2023 ^P				2024			
	I	II	III	IV	I	II	III	IV	I	II	III	IV
(A) Bilangan ('000 orang) <i>Total ('000 persons)</i>												
Mahir <i>Skilled</i>	23.4	23.5	22.9	23.2	23.5	23.5	23.6	23.4	23.4	23.4	23.2	23.2
Separuh Mahir <i>Semi-skilled</i>	44.4	44.3	45.4	46.1	46.4	46.8	47.2	47.0	46.9	46.9	46.8	46.9
Berkemahiran Rendah <i>Low-skilled</i>	9.3	9.4	9.6	9.7	9.7	9.6	9.5	9.6	9.7	9.7	9.7	9.9
Jumlah <i>Total</i>	77.1	77.2	77.9	79.1	79.7	79.9	80.3	80.1	80.0	80.0	79.7	80.0
(B) Peratusan Sumbangan <i>Percentage Share</i>												
Mahir <i>Skilled</i>	30.3	30.5	29.4	29.4	29.5	29.4	29.3	29.3	29.2	29.3	29.1	29.0
Separuh Mahir <i>Semi-skilled</i>	57.6	57.3	58.3	58.3	58.2	58.6	58.8	58.7	58.7	58.6	58.7	58.7
Berkemahiran Rendah <i>Low-skilled</i>	12.1	12.2	12.3	12.3	12.2	12.0	11.9	12.0	12.1	12.1	12.2	12.3
Jumlah <i>Total</i>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Sumber : Statistik Guna Tenaga Suku Tahunan
Source : Quarterly Employment Statistics

Nota / Notes :
^P Awalan / Preliminary

21a Produktiviti Buruh Sektor Perlombongan dan Pengkuarian - Tahunan
Labour Productivity of Mining and Quarrying Sector - Annually

Keterangan <i>Description</i>		2018	2019	2020	2021	2022 ^e	2023 ^p	2024
(A) Produktiviti <i>Productivity</i>								
Nilai Ditambah pada Harga Malar <i>Value Added at Constant Prices</i>	(RM Juta) <i>(RM Million)</i>	103,557	102,887	92,879	93,717	97,001	97,513	98,411
Jumlah Jam Bekerja <i>Total Hours Worked</i>	(Juta Jam) <i>(Million Hours)</i>	185	185	168	175	181	185	188
Jumlah Pekerja <i>Total Workers</i>	('000 Orang) <i>('000 Persons)</i>	76	75	74	75	76	76	76
Nilai Ditambah per Jam Pekerja <i>Value Added per Hour Worked</i>	RM	558	556	554	537	535	527	525
Nilai Ditambah per Pekerja <i>Value Added per Employment</i>	RM	1,367,042	1,363,562	1,259,637	1,249,966	1,277,833	1,278,404	1,287,625
(B) Perubahan Peratusan Tahunan <i>Annual Percentage Change</i>								
Nilai Ditambah pada Harga Malar <i>Value Added at Constant Prices</i>		-2.2	-0.6	-9.7	0.9	3.5	0.5	0.9
Jumlah Jam Bekerja <i>Total Hours Worked</i>		-5.3	-0.3	-9.4	4.2	3.9	2.0	1.4
Jumlah Pekerja <i>Total</i>		-6.0	-0.4	-2.3	1.7	1.2	0.5	0.2
Nilai Ditambah per Jam Pekerja <i>Value Added per Hour Worked</i>		3.3	-0.4	-0.3	-3.2	-0.4	-1.4	-0.5
Nilai Ditambah per Pekerja <i>Value Added per Employment</i>		4.0	-0.3	-7.6	-0.8	2.2	0.0	0.7

Sumber : Produktiviti Buruh Suku Tahunan
Source : Quarterly Labour Productivity

Nota / Notes :

^e Anggaran / Estimate

^p Awalan / Preliminary

Keterangan Description	2022 ^P				2023				2024				
	I	II	III	IV	I	II	III	IV	I	II	III	IV	
(A) Produktiviti Productivity													
Nilai Ditambah pada Harga Malar Value Added at Constant Prices	(RM Juta) (RM Million)	24,377	23,667	23,421	25,535	24,755	23,173	23,162	26,422	26,172	23,808	22,253	26,178
Jumlah Jam Bekerja Total Hours Worked	(Juta Jam) (Million Hours)	45	45	46	46	46	47	46	47	47	46	47	47
Jumlah Pekerja Total Workers	('000 Orang) ('000 Persons)	76	76	76	76	76	76	76	76	76	76	76	77
Nilai Ditambah per Jam Pekerja Value Added per Hour Worked	RM	538	531	512	558	541	496	504	567	556	515	476	551
Nilai Ditambah per Pekerja Value Added per Employment	RM	321,602	312,683	308,071	335,432	324,993	303,773	303,351	346,305	343,404	311,331	291,136	341,780
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya Percentage Change from Corresponding Quarter of Preceding Year													
Nilai Ditambah pada Harga Malar Value Added at Constant Prices		-1.0	-1.7	10.4	7.3	1.6	-2.1	-1.1	3.5	5.7	2.7	-3.9	-0.9
Jumlah Jam Bekerja Total Hours Worked		3.9	4.8	4.8	2.0	0.9	4.7	0.4	2.0	3.0	-1.0	1.9	1.8
Jumlah Pekerja Total Workers		2.6	1.8	0.4	0.3	0.5	0.8	0.4	0.2	0.1	0.2	0.1	0.4
Nilai Ditambah per Jam Pekerja Value Added per Hour Worked		-4.7	-6.2	5.4	5.1	0.7	-6.5	-1.5	1.5	2.7	3.7	-5.7	-2.7
Nilai Ditambah per Pekerja Value Added per Employment		-3.6	-3.4	10.1	6.9	1.1	-2.8	-1.5	3.2	5.7	2.5	-4.0	-1.3

Sumber : Produktiviti Buruh Suku Tahunan

Source : Quarterly Labour Productivity

Nota / Notes :

^e Anggaran / Estimate^p Awalan / Preliminary

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BAHAGIAN
PART

3

NOTA TEKNIKAL
TECHNICAL NOTES



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A. PENDAHULUAN

Penerbitan ini mengandungi statistik pengeluaran, jualan, harga, eksport dan import berkaitan minyak mentah & kondensat dan gas asli. Selain itu, indikator makroekonomi yang merangkumi Keluaran Dalam Negeri Kasar (KDNK), Indeks Pengeluaran Perindustrian (IPP), Indeks Harga Pengeluar (IHPR) serta statistik guna tenaga dan produktiviti buruh turut dilaporkan dalam penerbitan ini.

B. SUMBER STATISTIK

Statistik yang diterima daripada Petroliam Nasional Berhad (PETRONAS), Malaysia Thailand Joint Authority (MTJA) dan statistik yang disusun oleh Jabatan Perangkaan Malaysia (DOSM).

C. KONSEP DAN DEFINISI

Konsep dan definisi yang digunakan berasaskan kepada syor *International Recommendation for Industrial Statistics (IRIS) 2008* oleh United Nations Statistics Division dan Joint Organisations Data Initiative (JODI). Konsep tersebut adalah mengikut amalan yang telah diterima pakai dan dengan itu memudahkan perbandingan data di peringkat antarabangsa.

Takrif perlombongan yang digunakan adalah seperti berikut:

“Perlombongan adalah ditakrifkan sebagai pengekstrakan, pembersihan dan pemanfaatan mineral-mineral semulajadi, berbentuk pepejal seperti arang batu dan bijih, cecair seperti minyak mentah dan berbentuk gas seperti gas asli. Perlombongan termasuk lombong bawah tanah dan lombong permukaan, kuari dan telaga-telaga dan semua kegiatan tambahan untuk pembersihan dan pemanfaatan bijih dan mineral mentah lain seperti pemecahan, penapisan, pembasuhan, pembersihan, penggredan, pengilangan, pengapungan, peleburan, penggentelan, pengkacipan dan persiapan-persiapan lain yang diperlukan bagi menyediakan bahan-bahan ini untuk membolehkannya dipasarkan. Aktiviti perlombongan juga dikelaskan kepada kumpulan-kumpulan berdasarkan mineral utama yang dikeluarkan”.

1. Minyak Mentah

Satu campuran hidrokarbon yang wujud dalam bentuk cecair dalam takungan bawah tanah semula jadi dan kekal sebagai cecair pada tekanan atmosfera selepas melalui kaedah pemisahan permukaan.

2. Kondensat

Hidrokarbon dalam bentuk gas di bawah takungan dan bertukar menjadi cecair apabila dibawa ke permukaan bumi dan bebas daripada suhu dan tekanan yang tinggi.

3. Gas asli

Gas asli adalah cecair atau cecair hidrokarbon yang diperolehi daripada gas asli semasa proses pengasingan atau loji pemprosesan gas. Gas asli cecair termasuk etana, propana, butana (normal dan iso-), (iso) pentana dan pentana ditambah (juga dirujuk sebagai gasolin semula jadi atau kondensat tumbuhan). Gas asli boleh diklasifikasikan seperti berikut:

i. Gas bersekutu

Gas asli yang dikenali sebagai *gas-caps* yang terletak di atas dan bersekali dengan minyak dalam takungan.



ii. Gas tidak bersekutu

Gas asli yang tidak bersekali dengan minyak mentah dalam takungan.

4. Gas Petroleum Cecair (LPG)

Gas petroleum cecair (LPG) adalah nama generik bagi propana dan butana komersial. Gas ini dihasilkan daripada kilang pemprosesan gas asli atau dari kilang penapisan.

LPG wujud secara semula jadi sebagai gas pada tekanan atmosfera. LPG mempunyai kaedah khas untuk menjadi cecair pada suhu atmosfera jika dimampatkan dengan sederhana, dengan mudah ia boleh ditukar dari cecair ke gas pada tekanan atmosfera. Bagi memudahkan pengangkutan dan penyimpanan, LPG biasanya dibotolkan dalam keadaan cecair (kira-kira 250 kali lebih padat daripada bentuk gas), walau bagaimanapun propana boleh dibekalkan secara pukal untuk tangki simpanan di premis pengguna.

LPG digunakan secara domestik, terutamanya untuk tujuan pemanasan dan memasak serta perindustrian, contohnya sebagai bahan mentah untuk industri petrokimia. Ia juga semakin digunakan dalam sektor pengangkutan sebagai bahan api kenderaan, kerana sifat-sifat pembakaran bersih dan harga yang lebih rendah.

5. Gas Asli Cecair (NGL)

Hidrokarbon cecair atau cecair yang diperolehi daripada loji pengasingan gas dan kemudahan pemprosesan gas.

6. Gasolin

i. Gasolin motor

Gasolin motor adalah bahan api utama yang digunakan dalam sektor pengangkutan/jalan dan kira-kira 25 peratus daripada jumlah penggunaan minyak di dunia.

Gasolin motor adalah campuran kompleks hidrokarbon yang tidak menentu yang digunakan untuk *internal spark-ignition engines*. Gasolin dihasilkan di kilang hasil daripada penyulingan utama minyak mentah dan proses selanjutnya, termasuk mengubah struktur molekul, sehingga memenuhi spesifikasi yang diperlukan. Ciri-ciri gasolin yang dihasilkan bergantung kepada jenis minyak mentah yang digunakan dan persediaan kilang di mana ia dihasilkan.

Gasolin motor mungkin termasuk beberapa kuantiti bahan tambahan dan komponen campuran untuk memperbaiki sifat-sifat bahan api seperti contohnya *octane number*, kestabilan dan pembentukan deposit dalam enjin.

ii. Gasolin penerbangan

Gasolin penerbangan adalah campuran beberapa sebatian hidrokarbon yang berbeza. Keperluan spesifikasi untuk gasolin penerbangan, terutamanya adalah *anti-knock*, ketidakstabilan, kecairan, kestabilan, kehakisan dan kebersihan menetapkan batasan terperinci pada bahan-bahan yang boleh digunakan.



7. Minyak Bahan Api

Minyak bahan api adalah produk campuran berdasarkan sisa dari pelbagai penapisan, penyulingan dan proses pemecahan. Ia adalah cecair likat dengan sifat bau dan ia memerlukan pemanasan untuk penyimpanan dan pembakaran. Minyak bahan api berat digunakan dalam medium untuk industri kilang besar, aplikasi marin dan stesen kuasa dalam peralatan pembakaran seperti dandang, relau dan enjin diesel.

8. Minyak Diesel/gas

Minyak diesel/gas adalah minyak bahan api ringan yang disuling semasa proses penapisan dan digunakan terutamanya untuk pemanasan, tujuan automotif dalam enjin diesel dan penjana kuasa.

Dua jenis minyak diesel/gas yang utama dibezakan dari segi kegunaannya:

i. Pengangkutan diesel

Bahan api yang digunakan untuk pembakaran dalam enjin diesel di jalan raya, kereta, lori dan lain-lain, biasanya kandungan sulfur adalah rendah.

ii. *Heating oil* dan minyak gas lain

Minyak bahan api sulingan yang terutamanya digunakan dalam *stationary* atau *marine diesel engines*. Ia termasuk *light heating oil* yang digunakan untuk ruang pemanasan kediaman atau komersial, atau dalam industri kilang. Ia juga termasuk diesel marin untuk kegunaan tongkang dan bot enjin dan minyak gas berat lain yang boleh digunakan sebagai stok bahan petrokimia.

9. Minyak Pelincir Campuran

Minyak pelincir campuran adalah hidrokarbon yang dihasilkan daripada sulingan mengikut produk dan digunakan terutamanya untuk mengurangkan geseran antara permukaan *bearing* pada kenderaan. Minyak ini termasuk semua gred minyak pelincir akhir, dari minyak gelendong (*spindle*) sehingga minyak silinder, serta yang digunakan di dalam gris, termasuk minyak motor dan semua gred minyak pelincir asas.

10. Minyak Tanah

i. Kerosin jet

Merupakan sulingan yang digunakan untuk unit kuasa turbin penerbangan. Ia mempunyai ciri-ciri yang sama di antara penyulingan 150°C dan 300°C (biasanya tidak melebihi 250°C) dan titik kilat seperti minyak tanah. Di samping itu, ia mempunyai spesifikasi tertentu (seperti titik beku) yang ditubuhkan oleh Persatuan Pengangkutan Udara Antarabangsa (IATA).

ii. Lain-lain minyak tanah

Penyulingan sederhana minyak antara 150°C dan 300°C, sekurang-kurangnya 65 peratus daripada jumlah sulingan pada 250°C. Gravitinya adalah kira-kira 0.80 dan titik kilat adalah melebihi 38°C. Ia digunakan sebagai cahaya dan bahan api dalam beberapa jenis enjin *spark-ignition*, seperti yang digunakan untuk traktor pertanian dan enjin pegun. Nama-nama lain untuk produk ini adalah pembakaran minyak, pemeluwapan minyak, *power kerosene* dan *illuminating oil*.



11. **Nafta**

Nafta adalah bahan mentah yang digunakan sama ada untuk industri petrokimia (cth: pengeluaran etilena atau pengeluaran aromatik) atau untuk pengeluaran gasolin oleh proses *reforming* atau *isomeration* dalam penapisan. Nafta terdiri daripada bahan dalam peringkat penyulingan 30°C dan 210°C atau sebahagian daripada selang ini.

12. **Purata Harga 'Lifting' Berpemberat**

Harga purata 'lifting' berpemberat Minyak mentah dan kondensat adalah harga yang diwartakan.

13. **Minyak Mentah West Texas Intermediate (WTI)**

Aliran minyak mentah yang dihasilkan di Texas dan Oklahoma Selatan yang berfungsi sebagai rujukan atau "penanda aras" untuk menetapkan harga beberapa aliran minyak mentah lain dan yang didagangkan dalam pasaran tempatan domestik di Cushing, Oklahoma.

14. **Minyak Mentah Brent**

Sejenis mentah campuran yang dihasilkan di kawasan Laut Utara United Kingdom yang berfungsi sebagai rujukan atau "penanda aras" untuk menetapkan harga beberapa aliran minyak mentah lain.

15. **Henry Hub**

Hab saluran paip di pantai Teluk Louisiana. Ia adalah pusat penghantaran untuk kontrak perniagaan gas asli masa hadapan di *New York Mercantile Exchange (NYMEX)*.

16. **Eksport Negara Destinasi**

Sesuatu barang (keluaran atau buatan tempatan atau diimport untuk dieksport semula) dianggap sebagai eksport apabila ianya dibawa keluar dari negara.

Eksport dikelaskan mengikut negara destinasi, iaitu negara di mana barangan itu dijangka akan digunakan; berdasarkan sejauh mana maklumat ini dapat ditentukan pada masa ianya dieksport. Bagi barangan yang dihantar dengan *optional bill of lading*, negara di mana pelabuhan pertama diketahui akan dikira sebagai negara yang dituju. Bagi barangan yang dieksport melalui Singapura, jika maklumat mengenai negara yang ditujunya tidak dapat ditentukan, maka eksport berkenaan adalah dimasukkan di bawah nilai eksport ke Singapura, iaitu di bawah kategori yang sama seperti barangan yang digunakan di Singapura.

17. **Import mengikut Negara Asal**

Sesuatu barang dianggap sebagai import apabila ianya dibawa masuk ke dalam negara, sama ada terus ataupun disimpan di gudang-gudang yang dikawal tanpa mengira sama ada barang tersebut adalah untuk kegunaan sendiri, diproses, digunakan dalam perkilangan ataupun untuk dieksport semula ke negara lain.

Import dikelaskan mengikut negara asal barangan, iaitu negara di mana barangan itu dibentuk dengan lengkap seperti mana ianya diimport masuk ke dalam negara. Bagi barangan melalui Singapura, jika maklumat negara asalnya tidak dapat ditentukan, maka import berkenaan dimasukkan di bawah nilai import dari Singapura, iaitu di bawah kategori yang sama seperti barangan yang dibuat di Singapura.



18. Keluaran Dalam Negeri Kasar

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 KDNK DOSM Suku Tahunan hanya menggunakan Kaedah Pengeluaran dan Perbelanjaan sahaja.

19. Indeks Pengeluaran Perindustrian Malaysia (2015=100)

Indeks Pengeluaran Perindustrian Malaysia (IPP) adalah untuk mengukur kadar perubahan sebenar pengeluaran komoditi perindustrian bagi satu tempoh masa. IPP merangkumi tiga sektor utama iaitu Perlombongan, Pembuatan dan Elektrik. Liputan ini adalah selaras dengan definisi sektor perindustrian dalam *International Recommendations for the Index of Industrial Production (IRIIP) 2010* yang dikeluarkan oleh *United Nations*.

20. Indeks Harga Pengeluar Pengeluaran Tempatan (2010=100)

Indeks Harga Pengeluar (IHPR) Pengeluaran Tempatan adalah untuk mengukur purata perubahan harga yang dikenakan oleh pengeluar barangan dalam sesuatu industri. IHPR yang merupakan indeks berasaskan output ini juga merupakan penunjuk ekonomi makro yang digunakan bagi memantau pergerakan harga output tempatan dan sering dilihat sebagai penunjuk awalan kepada Indeks Harga Pengguna.

21. Pekerja

Semua orang yang bekerja sekurang-kurangnya sejam semasa minggu rujukan untuk mendapatkan upah, keuntungan atau keuntungan keluarga sama ada sebagai majikan, pekerja, bekerja sendiri atau pekerja keluarga tanpa gaji. Mereka juga dianggap bekerja jika:

- i. Tidak bekerja semasa minggu rujukan disebabkan sakit, kecederaan, tiada upaya, cuaca buruk, bercuti, pertelingkahan buruh dan sebab-sebab sosial atau keagamaan tetapi mempunyai pekerjaan, ladang, perusahaan atau perusahaan keluarga lain untuk kembali bekerja.
- ii. Tidak bekerja buat sementara waktu tetapi bergaji dan pasti akan dipanggil bekerja semula.
- iii. Mereka yang bekerja kurang 30 jam seminggu semasa minggu rujukan disebabkan keadaan kerja atau kerja yang tidak mencukupi.
- iv. Mereka yang bekerja dalam keadaan guna tenaga tidak penuh:
 - Guna tenaga tidak penuh berkaitan masa merupakan kumpulan yang bekerja kurang daripada 30 jam semasa minggu rujukan disebabkan keadaan kerja atau kerja yang tidak mencukupi dan berkeupayaan serta sanggup menerima tambahan bilangan jam bekerja.



- Guna tenaga tidak penuh berkaitan kemahiran mereka yang mempunyai pendidikan tertiar dan bekerja dalam kategori separuh mahir dan berkemahiran rendah.
 - Mereka yang bekerja lebih daripada 30 jam semasa minggu rujukan merupakan guna tenaga penuh.
- v. Bekerja semasa menjalani latihan atau aktiviti peningkatan kemahiran yang diperlukan oleh pekerjaan contohnya mereka yang mengikuti program *Reskilling and Upskilling*. (merujuk laporan III, ICLS 19th).
- vi. Perantis atau pelatih yang menerima bayaran tunai atau barangan seperti pelajar praktikal yang berbayar. (merujuk laporan III, ICLS 19th).

22. Kategori Kemahiran

Kategori kemahiran telah dikelaskan semula kepada tiga tahap kemahiran seperti berikut:

Kemahiran	MASCO 2013
Mahir	1. Pengurus 2. Profesional 3. Juruteknik dan profesional bersekutu
Separuh Mahir	1. Pekerja sokongan perkeranian 2. Pekerja perkhidmatan dan jualan 3. Pekerja mahir pertanian, perhutanan, penternakan, dan perikanan 4. Pekerja kemahiran dan pekerja pertukangan yang berkaitan 5. Operator mesin dan loji, dan pemasang
Berkemahiran Rendah	1. Pekerja asas

23. Produktiviti Buruh per Pekerja

Produktiviti buruh per pekerja ditakrifkan sebagai nisbah output (barangan dan perkhidmatan) kepada input (pekerja).

Ia menggambarkan jumlah output yang dihasilkan oleh setiap orang yang bekerja sepenuh masa, separuh masa, bekerja sendiri atau pekerja keluarga tanpa gaji yang bekerja sekurang-kurangnya satu jam dalam seminggu. Pekerja merujuk kepada keseluruhan pekerja pada akhir tempoh rujukan.

24. Produktiviti Buruh per Jam Bekerja

Produktiviti buruh per jam bekerja ditakrifkan sebagai nisbah output (barangan dan perkhidmatan) kepada input (jumlah jam bekerja). Ia menggambarkan jumlah output yang dihasilkan dalam tempoh sejam berdasarkan kategori pekerja yang bekerja sepenuh masa, separuh masa, bekerja sendiri atau pekerja keluarga tanpa gaji yang bekerja sekurang-kurangnya satu jam dalam seminggu.

Pekerja merujuk kepada keseluruhan pekerja kecuali mereka yang tidak bekerja pada akhir tempoh rujukan kerana sakit, kecederaan, hilang upaya, cuaca buruk, cuti, pertikaian buruh dan sebab sosial atau agama.

**D. KLASIFIKASI**

Klasifikasi sektor Perlombongan dan pengkuarian adalah berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver. 1.0 (Rujuk Lampiran).

E. PINDAAN

Pindaan akan dibuat ke atas angka yang telah diterbitkan berdasarkan data terkini yang diperoleh.



A. INTRODUCTION

This publication provides a statistics on production, sales, prices, exports and imports of crude oil & condensate and natural gas. In addition, macroeconomic indicators which include Gross Domestic Product (GDP), Industrial Production Index (IPI), Producer Price Index (PPI) as well as employment and labour productivity statistics are also reported to complete the statistics in this publication.

B. SOURCES OF STATISTICS

Statistics obtained from Petroliam Nasional Berhad (PETRONAS), Malaysia Thailand Joint Authority (MTJA) and statistics compiled by Department of Statistics Malaysia (DOSM).

C. CONCEPTS AND DEFINITIONS

The concepts and definitions used are based on the International Recommendation for Industrial Statistics, 2008 by United Nations Statistics Division and the Joint Organisations Data Initiative (JODI). These concept are in accordance with the practices that have been adopted and thus facilitates the comparison of data internationally.

The definition of mining used is as follows:

“Mining is defined as the extraction, dressing and beneficiating of minerals occurring naturally as solids, such as coal and ores, liquids, such as crude oil, or gases, such as natural gas. Mining also includes underground and surface mines, quarries and wells and all supplemental activities for dressing and beneficiating ores and other crude minerals such as crushing, screening, washing, cleaning, grading, milling, flotation, melting, pelleting, topping and other preparations needed to render the material marketable. Mining activities are classified into groups on the basis of the principal mineral produced.”

1. Crude Oil

A mixture of hydrocarbons that exist in liquid form in a natural underground reservoir and remain as a liquid at atmospheric pressure after going through the surface separation method.

2. Condensate

Hydrocarbons are in the form of gases below the reservoir and turn into liquids when brought to the earth’s surface and are free from high temperatures and pressures.

3. Natural gas

Natural gas is liquid or liquefied hydrocarbons recovered from natural gas in separation facilities or gas processing plants. Liquefied natural gas includes ethane, propane, butane (normal and iso-), (iso) pentane and pentanes plus (sometimes referred to as natural gasoline or plant condensate). Natural gas can be classified as follows:

i. Associated gas

Natural gas known as gas-caps are located above and along with the oil in the reservoir.

ii. Non-associated gas

Natural gas that is not mixed with crude oil in the reservoir.



4. Liquefied Petroleum Gas (LPG)

Liquefied petroleum gas (LPG) is the generic name for commercial propane and commercial butane. It can be produced from natural gas processing plants, oil refineries and in natural gas liquefaction plants.

LPG occurs naturally as gas at atmospheric pressure. It has the special property of becoming liquid at atmospheric temperature if moderately compressed and can easily be converted from liquid into gas by being released to atmospheric pressure. In order to facilitate transport and storage, LPG is usually bottled in liquid state (about 250 times more dense than in its gaseous form), propane however can also be supplied in bulk for storage tanks at consumers' premises.

LPG is used domestically, mainly for heating and cooking purposes and industrially for example as feedstock to the petrochemical industry. It is also increasingly used in the transport sector as vehicle fuel, because of its cleaner burning properties and often lower end-use price.

5. Natural Gas Liquid (NGL)

Liquid or liquefied hydrocarbons recovered from gas separation plants and gas processing facilities.

6. Gasoline

i. Motor gasoline

Motor gasoline is the principal fuel used in the transport/road sector and accounts for some 25 per cent of total oil use in the world.

Motor gasoline is a complex mixture of relatively volatile hydrocarbons used for spark-ignition internal combustion engines. Gasoline is produced in refineries as the result of primary distillation of crude oil and then further processing, including changing the molecular structure, until the required specifications are met. The characteristics of the gasoline produced depend on the type of crude oil that is used and the setup of the refinery at which it is produced.

Motor gasoline may include some quantities of additives and blending components to improve fuel properties such as octane number, stability and deposit formation in engines.

ii. Aviation gasoline

Aviation gasoline is a mixture of many different hydrocarbon compounds. The specification requirements for aviation gasoline, especially anti-knock, volatility, fluidity, stability, corrosiveness, and cleanliness impose severe limitations on the compounds that can be used.

7. Fuel Oil

Fuel oil is a blended product based on the residues from various refinery distillation and cracking processes. It is a viscous liquid with a characteristic odour and it requires heating for storage and combustion. Fuel oil is used in medium to large industrial plants, marine applications and power stations in combustion equipment such as boilers, furnaces and diesel engines.



8. **Gas/diesel Oil**

Gas/diesel oil is a lighter fuel oil distilled off during the refining process and used primarily for heating, automotive purposes in diesel engines and for power generation. Two main types are distinguished by their uses:

i. Transport diesel

Fuel used for internal combustion in on-road diesel engines, cars, trucks and etc., usually of low sulphur content.

ii. Heating oil and other gas oil

This is a distillate fuel oil used mainly in stationary or marine diesel engines. It includes light heating oil which is used for residential or commercial space heating, or in industrial plants. It also includes marine diesel which is used for barge and boat engines and other heavier gas oils which may be used as petrochemical feed stocks.

9. **Blended Lubricating Oil**

Blended lubricating oil is hydrocarbons produced from distillate by product and they are mainly used to reduce friction between bearing surfaces. This category includes all finished grades of lubricating oil, from spindle oil to cylinder oil, and those used in grease, including motor oils and all grades of lubricating oil base stocks.

10. **Kerosenes**

i. Kerosene type jet fuel

This is a distillate used for aviation turbine power units. It has the same distillation characteristics between 150°C and 300°C (generally not above 250°C) and has flash point as kerosene. In addition, it has particular specifications (such as freezing point) which are established by the International Air Transport Association (IATA).

ii. Other kerosene

Medium distillation of oil between 150°C and 300°C, at least 65 per cent of the total distillation at 250°C. Its gravity is about 0.80 and the flash point is above 38°C. It is used as light and fuel in some types of spark-ignition engines, such as those used for agricultural tractors and stationary engines. Other names for this product are burning oil, vaporizing oil, power kerosene and illuminating oil.

11. **Naphtha**

Naphtha is a raw material used either for the petrochemical industry (e.g. ethylene production or aromatic production) or for the production of gasoline by reforming or isomerization processes in refining. Naphtha consists of substances in distillation stages of 30°C and 210°C or part of this interval.

12. **Weighted Average Lifting Price (WALP)**

Weighted Average Lifting Price (WALP) of Crude oil and condensate are gazetted prices.

13. **West Texas Intermediate (WTI) Crude Oil**

A crude stream produced in Texas and southern Oklahoma which serves as a reference or "marker" for pricing a number of other crude streams and which is traded in the domestic spot market at Cushing, Oklahoma.



14. Brent Crude Oil

A blended crude stream produced in the North Sea region of United Kingdom which serves as a reference or "marker" for pricing a number of other crude streams.

15. Henry Hub

A pipeline hub on the Louisiana Gulf coast. It is the delivery point for the natural gas futures contract on the New York Mercantile Exchange (NYMEX).

16. Exports by Country of Destination

Goods (locally produced or manufactured or imported for subsequent re-exports) are regarded as exports when they are taken out of the country.

Exports are classified according to the country of destination, that is the country where it is expected that the goods will be consumed insofar as this can be ascertained at the time of export. In the case of goods shipped on an optional bill of lading, the country of the first port declared is taken as the country of destination. For goods exported via Singapore, if information regarding the country of destination of goods is not known/available, such exports are included under the value of exports to Singapore that is under the same category as goods consumed in Singapore.

17. Imports by Country of Origin

Goods are regarded as imports when they are brought into the country either directly or into bonded warehouses, irrespective of whether such goods are for consumption, to be processed, use in manufacturing or subsequent re-exports to other countries.

Imports are classified according to the country of origin of the goods, that is the country where the goods are given the final form in which they are imported into the country. For goods imported via Singapore, if information regarding the country of origin cannot be ascertained, such imports are included under the value of imports from Singapore, that is under the same category as goods produced/manufactured in Singapore.

18. Gross Domestic Product (GDP)

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, the DOSM publication quarterly only presents Production and Expenditure Approach.

19. Industrial Production Index, Malaysia (2015=100)

Industrial Production Index, Malaysia (IPI) is to measure the rate of change in the production of industrial commodities in real terms over time. The IPI covers three major sectors namely Mining, Manufacturing and Electricity. This coverage is in line with the industrial sector definition in the International Recommendations for the Index of Industrial Production (IRIIP) 2010 issued by the United Nations.



20. Producer Price Index Local Production (2010=100)

Producer Price Index (PPI) local production is to measures the average changes in price of commodities charged by domestic producers of an industry. The PPI, which is an output-based index, is also a macroeconomic indicator used to monitor the price movements of local outputs and is often viewed as a leading indicator of Consumer Price Index.

21. Persons Engaged

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

- i. Did not work during the reference week because of illness, injury, disability, bad weather, leave, labour dispute and social or religious reasons but had a job, farm, enterprise or other family enterprise to return to.
- ii. Were temporary laid-off with pay and would definitely be called back to work.
- iii. Were employed less than 30 hours per week during the reference week because of the nature of their work.
- iv. Were employed in the category of underemployment:
 - Time-related underemployment were a group of people who employed less than 30 hours during the reference week because of the nature of their work or due to insufficient work and are able and willing to accept additional hours of work.
 - Skill-related underemployment were those with tertiary education and working in the semi-skilled and low-skilled categories
 - Persons who were employed more than 30 hours during the reference week are considered to be in full employment.
- v. Person who works for pay or profit while on training or skills-enhancement activities required by the job or for another job for example those who follow Reskilling and Upskilling programs. This refers to the 19th International Conference of Labour Statisticians (ICLS).
- vi. Apprentices, interns or trainees who work for pay in cash or in kind such paid practical students. This also refers to the 19th ICLS.

22. Category of Skill

The category of skill is regrouped into three levels of skill as follows:

Skill	MASCO 2013
Skilled	1. Managers 2. Professionals 3. Technicians and associate professionals
Semi-skilled	1. Clerical support workers 2. Service and sales workers 3. Skilled agricultural, forestry, livestock and fishery workers 4. Craft and related trades workers 5. Plant and machine operators and assemblers
Low-skilled	1. Elementary occupations

**23. Labour Productivity per Employment**

Labour productivity per employment is measured as the ratio of output (goods and services) to input (employment).

It reflects the amount of output produced by each employee in full-time, part-time, or self-employed or unpaid family worker for at least one hour within a week. Employment refers to the overall number of employees at the end of the reference period.

24. Labour Productivity per Hour Worked

Labour productivity per hour worked is defined as the ratio of output (goods and services) to input (total working hours). It reflects the amount of output produced within an hour based on the category of employees either in full-time, part-time or self-employed or unpaid family worker who worked for at least one hour within a week.

Employment refers to the overall number of employees excluding the employees who did not work during the reference period because of illness, injury, disability, bad weather, leave, labour dispute and social or religious reasons.

D. CLASSIFICATION

The Classification of Mining and quarrying sector is based on Malaysia Standard Industrial Classification (MSIC) 2008 Ver. 1.0 (Refer Appendix).

E. REVISION

Revisions will be made to the published figures based on the latest data available.



Piawaian Klasifikasi Industri Malaysia, 2008 Ver. 1.0
Malaysia Standard Industrial Classification 2008 Ver. 1.0

Kumpulan	Perkara	Keterangan	Description
Group	Details		
051		Perlombongan batu arang pepejal	Mining of hard coal
	05100	Perlombongan batu arang pepejal	<i>Mining of hard coal</i>
052		Perlombongan lignit	Mining of lignite
	05200	Perlombongan lignit (batu arang perang)	<i>Mining of lignite (brown coal)</i>
061		Pengekstrakan petroleum mentah	Extraction of crude petroleum oils
	06101	Pengekstrakan minyak petroleum mentah	<i>Extraction of crude petroleum oils</i>
	06102	Pengekstrakan bitumen atau minyak batu syal dan pasir tar	<i>Extraction of bituminous or oil shale and tar sand</i>
	06103	Pengeluaran petroleum mentah daripada batu syal dan pasir berbitumen	<i>Production of crude petroleum from bituminous shale and sand</i>
	06104	Proses mendapatkan minyak mentah	<i>Processes to obtain crude oils</i>
062		Pengekstrakan gas asli	Extraction of natural gas
	06201	Pengeluaran hidrokarbon mentah bergas (gas asli)	<i>Production of crude gaseous hydrocarbon (natural gas)</i>
	06202	Pengekstrakan kondensat	<i>Extraction of condensates</i>
	06203	Penyaliran dan pemisahan komponen hidrokarbon cecair	<i>Draining and separation of liquid hydrocarbon fractions</i>
	06204	Penyahsulfuran gas	<i>Gas desulphurization</i>
	06205	Perlombongan cecair hidrokarbon, diperolehi melalui pencairan atau penguraian kimia (pirolisis)	<i>Mining of hydrocarbon liquids, obtain through liquefaction or pyrolysis</i>
071		Perlombongan bijih besi	Mining of ores
	07101	Perlombongan bijih yang tinggi kandungan besi	<i>Mining of ores valued chiefly for iron content</i>
072		Perlombongan bijih logam bukan besi (non-ferrous)	Mining of non-ferrous metal ores
	07210	Perlombongan bijih uranium dan torium	<i>Mining of uranium and thorium ores</i>
	07291	Perlombongan bijih timah	<i>Mining of tin ores</i>
	07292	Perlombongan tembaga	<i>Mining of copper</i>
	07293	Perlombongan bauksit (aluminium)	<i>Mining of bauxite (aluminium)</i>
	07294	Perlombongan ilmenit	<i>Mining of ilmenite</i>
	07295	Perlombongan emas	<i>Mining of gold</i>
	07296	Perlombongan perak	<i>Mining of silver</i>
	07297	Perlombongan platinum	<i>Mining of platinum</i>
	07298	Pembilasan amang	<i>Amang retreatment</i>
	07299	Perlombongan bijih logam bukan besi lain	<i>Mining of other non-ferrous metal ores n.e.c.</i>



Piawaian Klasifikasi Industri Malaysia, 2008 Ver. 1.0
Malaysia Standard Industrial Classification 2008 Ver. 1.0

Kumpulan Group	Perkara Details	Keterangan	Description
081		Pengkuarian batu, pasir dan tanah liat	Quarrying of stone, sand and clay
	08101	Pengkuarian, pemotongan kasar bongkah batu dan batu bangunan seperti marmar, granit (batu dimensi), batu pasir	Quarrying, rough trimming and sawing of monumental and building stone such as marble, granite (dimension stone), sandstone
	08102	Pengkuarian, penghancuran dan pemecahan batu kapur	Quarrying, crushing and breaking of limestone
	08103	Perlombongan gipsum dan anhidrit	Mining of gypsum and anhydrite
	08104	Perlombongan kapur dan dolomit yang tidak dirawat	Mining of chalk and uncalcined dolomite
	08105	Pengekstrakan dan penggorekan bagi industri pasir, pasir untuk sektor pembinaan dan kerikil	Extraction and dredging of industrial sand, sand for construction and gravel
	08106	Pemecahan dan penghancuran batu dan kerikil	Breaking and crushing of stone and gravel
	08107	Pengkuarian pasir	Quarrying of sand
	08108	Perlombongan tanah liat, refraktori tanah liat dan kaolin	Mining of clays, refractory clays and kaolin
	08109	Pengkuarian, penghancuran dan pemecahan granit	Quarrying, crushing and breaking of granite
089		Perlombongan dan pengkuarian t.t.t.l	Mining and quarrying n.e.c
	08911	Perlombongan fosfat semulajadi	Mining of natural phosphates
	08912	Perlombongan garam kalium (potassium) semulajadi	Mining of natural potassium saltes
	08913	Perlombongan sulfur semulajadi	Mining of native sulphur
	08914	Pengekstrakan dan penyediaan pirit dan pirotit, kecuali penyalaian	Extraction and preparation of pyrites and pyrrhotite, except roasting
	08915	Perlombongan barium sulfat semulajadi dan karbonat (<i>barite and witherite</i>)	Mining of natural barium sulphate and carbonate (barytes and witherite)
	08916	Perlombongan borat semulajadi, magnesium sulfat semulajadi (<i>kieserite</i>)	Mining of natural borates, natural magnesium sulphates (<i>kieserite</i>)
	08917	Perlombongan earth colours, fluorspar dan mineral lain yang tinggi kandungan mineral sebagai sumber kimia	Mining of earth colours, fluorspar and other minerals valued chiefly as a source of chemicals
	08918	Perlombongan guano	Guano mining
	08921	Penggalian tanah gambut	Peat digging
	08922	Pengumpulan tanah gambut	Peat agglomeration
	08923	Penyediaan tanah gambut untuk pembaikan kualiti atau kemudahan pengangkutan atau penstoran	Preparation of peat to improve quality or facilitate transport or storage
	08931	Pengektrakan garam dari bawah tanah	Salt extraction from under ground
	08932	Pengeluaran garam melalui penyejatan air laut atau air masin lain	Salt production by evaporation of sea water or other saline waters
	08933	Penghancuran, penulenan dan penapisan garam oleh pengeluar	Crushing, purification and refining of salt by the producer



Piawaian Klasifikasi Industri Malaysia, 2008 Ver. 1.0
Malaysia Standard Industrial Classification 2008 Ver. 1.0

Kumpulan Group	Perkara Details	Keterangan	Description
	08991	Perlombongan dan pengkuarian bahan pelepas (bahan kesat)	<i>Mining and quarrying of abrasive materials</i>
	08992	Perlombongan dan pengkuarian asbestos	<i>Mining and quarrying of asbestos</i>
	08993	Perlombongan dan pengkuarian fosil bersilika	<i>Mining and quarrying of siliceous fossil meals</i>
	08994	Perlombongan dan pengkuarian grafit semulajadi	<i>Mining and quarrying of natural graphite</i>
	08995	Perlombongan dan pengkuarian steatite	<i>Mining and quarrying of steatite (talc)</i>
	08996	Perlombongan dan pengkuarian batu permata	<i>Mining and quarrying of gemstones</i>
	08999	Perlombongan dan pengkuarian lain t.t.t.l	<i>Other mining and quarrying n.e.c.</i>
091		Aktiviti perkhidmatan sokongan kepada pengekstrakan perlombongan dan pengkuarian	Support activities for mining and quarrying extraction
	09101	Aktiviti pengekstrakan petroleum dan gas yang dibekalkan atas dasar kontrak atau yuran	<i>Oil and gas extraction service activities provided on a fee or contract basis</i>
	09102	Perkhidmatan memadam kebakaran di lapangan minyak dan gas	<i>Oil and gas field fire fighting services</i>
099		Aktiviti sokongan perlombongan dan pengkuarian lain	Support activities for other mining and quarrying
	09900	Aktiviti sokongan perlombongan dan pengkuarian lain	<i>Support activities for other mining and quarrying</i>
		Pembuatan kok dan produk petroleum bertapis	Manufacture of coke and refined petroleum
192		Pembuatan produk petroleum bertapis	Manufacture of refined petroleum products
	19201	Pembuatan produk petroleum bertapis	<i>Manufacture of refined petroleum products</i>
	19202	Pembuatan produk bio-diesel	<i>Manufacture of bio-diesel products</i>
		Perdagangan borong kecuali kenderaan bermotor dan motosikal	Wholesale trade, except of motor vehicle and motorcycles
466		Lain-lain pengkhususan jual borong	Other specialized wholesale
	46611	Jualan borong petrol, diesel, pelincir	<i>Wholesale of petrol, diesel, lubricants</i>
	46612	Jualan borong gas petroleum cecair	<i>Wholesale of liquefied petroleum gas</i>
	46619	Jualan borong bahan api pepejal, cecair dan gas dan produk berkaitan t.t.t.l.	<i>Wholesale of other solid, liquid and gaseous fuels and related products n.e.c.</i>
		Perdagangan runcit kecuali kenderaan bermotor dan motosikal	Retail trade, except motor vehicles and motorcycles
473		Jualan runcit bahan api kenderaan di stor pengkhususan	Retail sale of automotive fuel in specialized stores
	47300	Jualan runcit bahan api kenderaan di kedai khusus	<i>Retail sale of automotive fuel in specialized stores</i>

ISSN 3009-0695



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20 October

2016 - 2030