KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

STATISTIK PERLOMBONGAN PETROLEUM DAN GAS ASLI

MINING OF PETROLEUM AND NATURAL GAS STATISTICS

SUKU PERTAMA

FIRST QUARTER

2024

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA

KEMENTERIAN EKONOMI
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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.

DOSM akan menjalankan Banci Pertanian pada tahun 2024. Sila layari https://www.myagricensus.gov.my/ untuk maklumat lanjut. Tema adalah "Banci Pertanian, Kunci Kemajuan Pertanian."

Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober setiap tahun. Tema sambutan MyStats Day adalah *"Statistik Nadi Kehidupan"*. DOSM menyambut ulang tahun ke 75 Jubli Intan pada tahun 2024.

Announcement

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

DOSM will conduct the Agricultural Census in 2024. Please visit https://www.myagricensus.gov.my/ for more information. The theme is "Agriculture Census, Key to Agricultural Development."

The Government of Malaysia has declared National Statistics Day (MyStats Day) on October 20th each year. MyStats Day theme is "Statistics is the Essence of Life". DOSM commemorates its 75th Diamond Jubilee in 2024.

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA

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"Sumber: Jabatan Perangkaan Malaysia".

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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 pertama 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

Jun 2024

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 first 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

June 2024

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

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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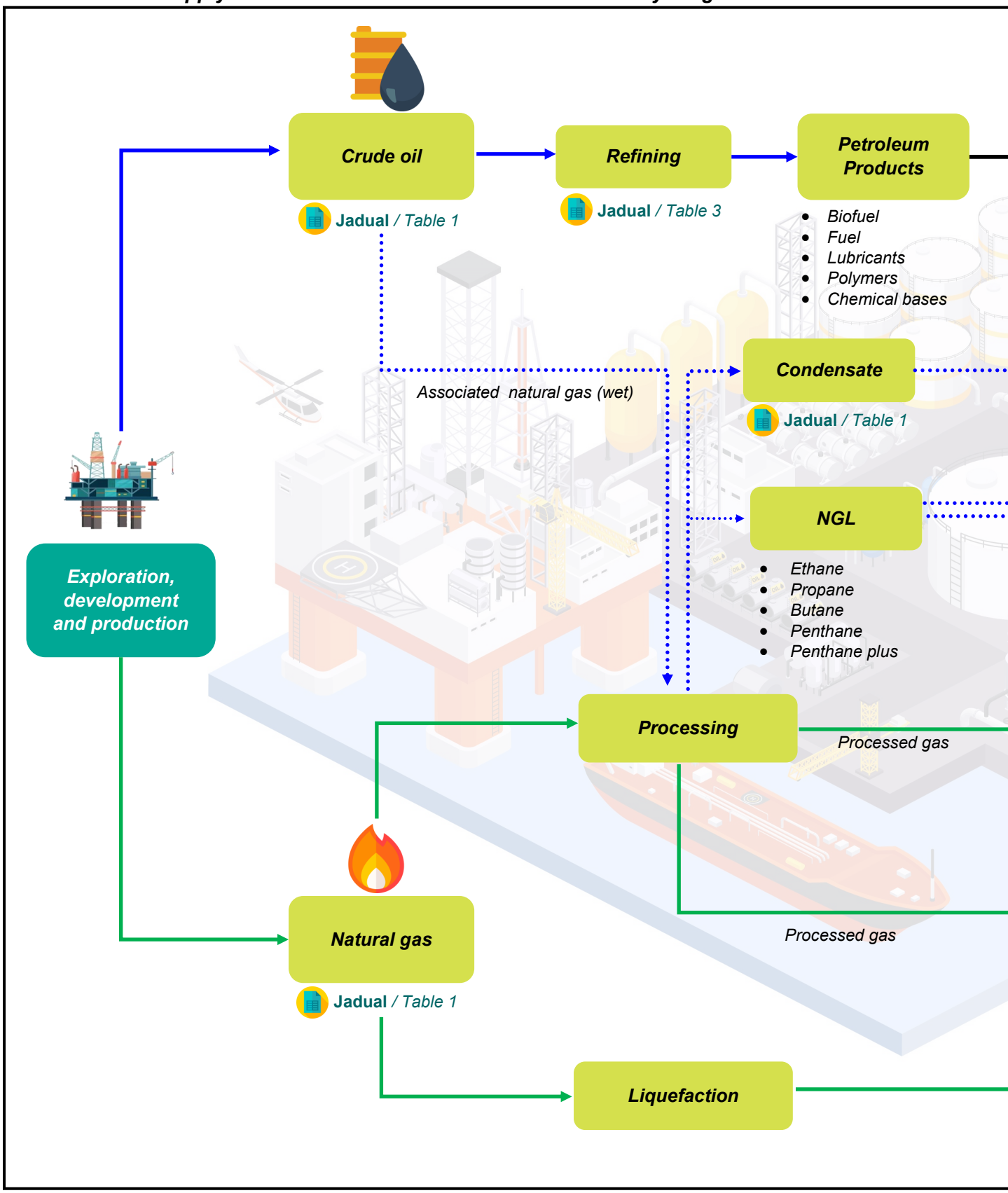
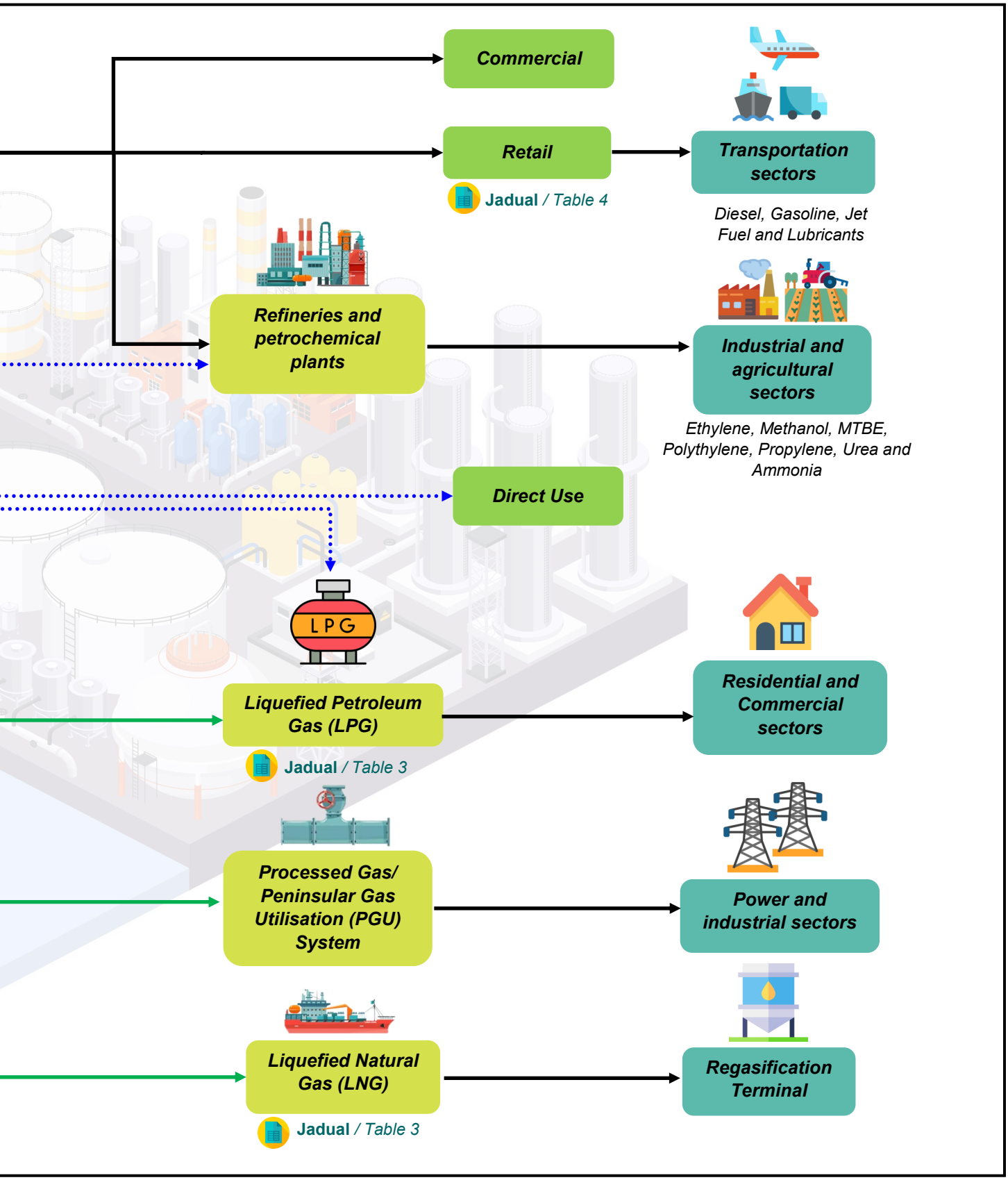
Supply Chain of Crude Oil and Natural Gas Industry Diagram



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



Jadual Statistik
Statistical Tables

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BAHAGIAN
PART
1

RINGKASAN PENEMUAN
SUMMARY OF FINDINGS

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KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

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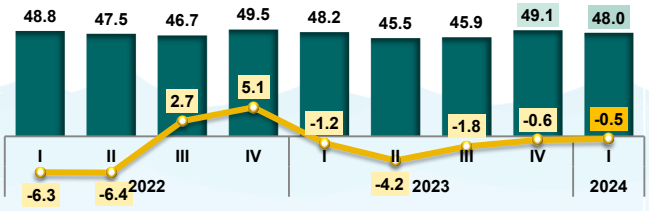
STATISTIK PERLOMBONGAN PETROLEUM DAN GAS ASLI SUKU PERTAMA 2024

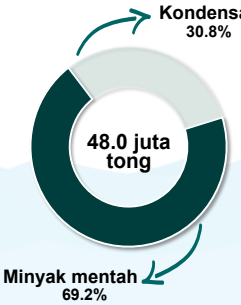
Pengeluaran

Pengeluaran

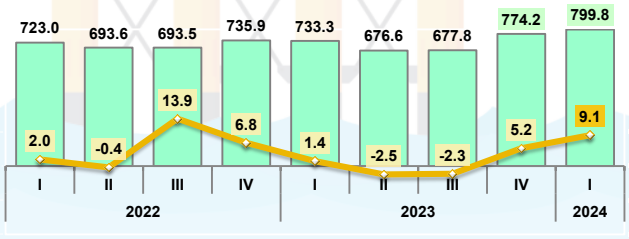
Minyak mentah dan kondensat ('000 tong)
ST1 2022 - ST1 2024



Peratusan Sumbangan Pengeluaran Minyak Mentah dan Kondensat



Gas asli (bilion kaki padu)
ST1 2022 - ST1 2024



Perubahan peratusan tahunan, %

Nota: Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA

Harga, ST1 2024

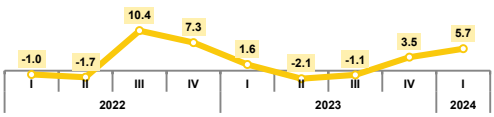
	WALP[1] (Malaysia)	WTI[2]	Brent	Henry Hub
	USD86.9	USD77.6	USD83.0	USD2.1
Perubahan peratusan tahunan, %	1.5%	2.0%	2.3%	-19.7%

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

Sumber: PETRONAS dan EIA

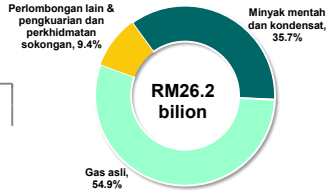
Keluaran Dalam Negeri Kasar (KDNK) pada Harga Malar 2015, ST1 2024

KDNK Perlombongan dan Pengkuarian



Perubahan peratusan tahunan, %

Peratusan Sumbangan Perlombongan dan Pengkuarian mengikut Subsektor



Sumber: Keluaran Dalam Negeri Kasar (KDNK) ST1 2024, DOSM

Indeks Pengeluaran Perindustrian (IPP), ST1 2024

	IPP Malaysia	IPP Perlombongan
	3.3%	5.9%
Minyak mentah dan kondensat		1.4%
Gas asli		9.1%

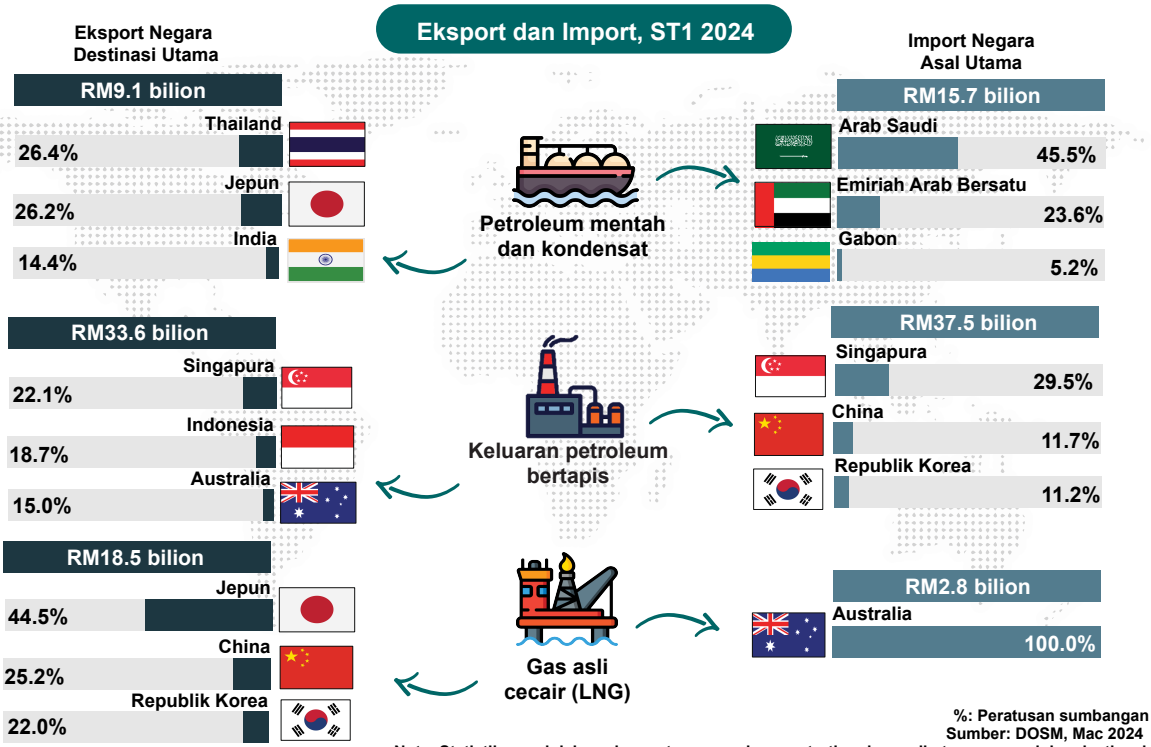
Sumber: Indeks Pengeluaran Perindustrian Malaysia (2015=100) Mac 2024, DOSM

Nilai Jualan Produk Petroleum, ST1 2024

Jualan produk petroleum bertapis[3]	RM48.5 bilion
Perubahan peratusan tahunan, %	-12.9%
Jualan borong bahan api pepejal, cecair & gas dan produk berkaitan	RM38.5 bilion
Perubahan peratusan tahunan, %	6.7%
Jualan runcit di kedai khusus yang menjual bahan api kenderaan	RM17.0 bilion
Perubahan peratusan tahunan, %	2.8%

Sumber:
[3]Perangkaan Pembuatan Bulanan Mac 2024, DOSM
[4]Pretasi Perdagangan Borong & Runcit Mac 2024, DOSM

Eksport dan Import, ST1 2024



%: Peratusan sumbangan
Sumber: DOSM, Mac 2024

Nota: Statistik merujuk kepada peratusan sumbangan tertinggi mengikut negara asal dan destinasi

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

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MINISTRY OF ECONOMY
DEPARTMENT OF STATISTICS MALAYSIA

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AGRICULTURE CENSUS 2024
KEY TO AGRICULTURAL DEVELOPMENT

MALAYSIA MADANI

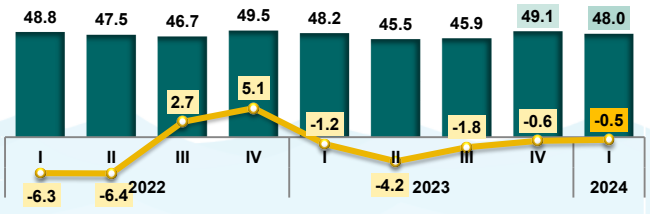
2016 - 2030

MINING OF PETROLEUM AND NATURAL GAS STATISTICS FIRST QUARTER OF 2024

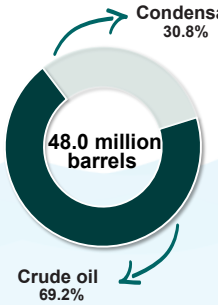
Malaysia's Natural gas production climbed by 9.1 per cent in the first quarter of 2024

Production

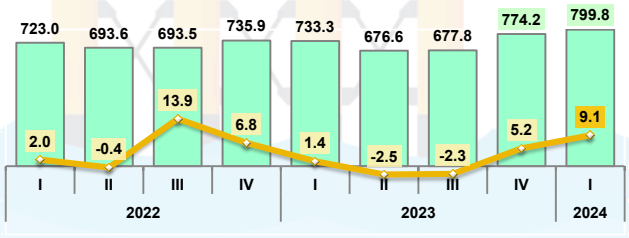
Crude oil and condensate ('000 barrels) Q1 2022 - Q1 2024



Percentage Share of Crude Oil and Condensate Production



Natural gas (billion cubic feet) Q1 2022 - Q1 2024



Annual percentage change, %

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

Price, Q1 2024

WALP[1] (Malaysia)	USD86.9
	1.5%
WTI[2]	USD77.6
	2.0%
Brent	USD83.0
	2.3%
Henry Hub	USD2.1
	-19.7%

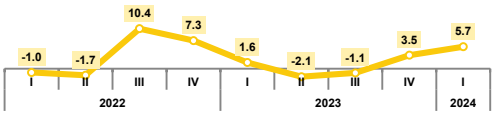
Annual percentage change, %

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

Source: PETRONAS and EIA

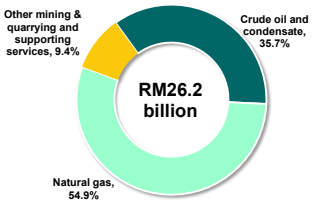
Gross Domestic Product (GDP) at Constant 2015 Prices, Q1 2024

GDP of Mining and Quarrying



Annual percentage change, %

Percentage Share of Mining and Quarrying by Subsectors



Source: GrossDomestic Product (GDP) Q4 2023, DOSM

Industrial Production Index (IPI), Q1 2024

IPI Malaysia	3.3%
IPI Mining	5.9%
Crude oil and condensate	1.4%
Natural gas	9.1%

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

Sales Value of Petroleum Products, Q1 2024

Refined petroleum products[3]	RM48.5 billion
	-12.9%
Wholesale of solid liquid & gaseous fuels and related products[4]	RM38.5 billion
	6.7%
Retail sale of automative fuel in specialised stores[4]	RM17.0 billion
	2.8%

Annual percentage change, %

Source:
[3] Monthly Manufacturing Statistics March 2024, DOSM
[4] Performance of Wholesale & Retail Trade March 2024, DOSM

Exports and Imports, Q1 2024

Exports by Major Country of Destination

Crude petroleum and condensate — RM9.1 billion

Thailand	26.4%
Japan	26.2%
India	14.4%

Refined petroleum products — RM33.6 billion

Singapore	22.1%
Indonesia	18.7%
Australia	15.0%

Liquefied natural gas (LNG) — RM18.5 billion

Japan	44.5%
China	25.2%
Republic of Korea	22.0%

Imports by Major Country of Origin

Crude petroleum and condensate — RM15.7 billion

Saudi Arabia	45.5%
United Arab Emirates	23.6%
Gabon	5.2%

Refined petroleum products — RM37.5 billion

Singapore	29.5%
China	11.7%
Republic of Korea	11.2%

Liquefied natural gas (LNG) — RM2.8 billion

Australia	100.0%

%: Percentage share
Source: DOSM, March 2024
Note: The statistics refer to the highest percentage share by country of origin and destination

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

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1. Pengenalan

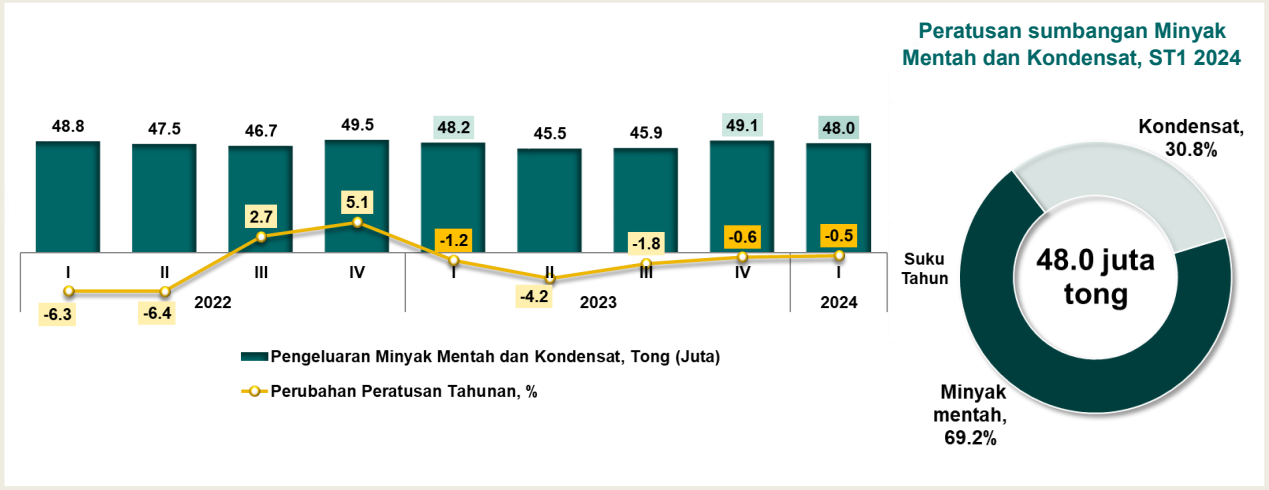
Statistik Perlombongan Petroleum dan Gas Asli membentangkan statistik pengeluaran minyak mentah, kondensat & gas asli; harga purata minyak mentah; pengeluaran & nilai jualan produk utama petroleum bertapis; jualan borong bahan api pepejal, cecair & gas & produk berkaitan; dan eksport & import petroleum 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 pertama 2024. Statistik tahunan turut dilaporkan dalam penerbitan ini.

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

Pengeluaran Minyak mentah dan kondensat turun marginal bagi tempoh dua suku tahun berturut-turut, menurun sebanyak 0.5 peratus kepada 48.0 juta tong pada suku pertama tahun 2024 (ST4 2023: -0.6%; 49.1 juta tong). Penguncupan ini disebabkan oleh kemerosotan sebanyak 5.8 peratus dalam pengeluaran Minyak mentah kepada 33.2 juta tong (ST4 2023: -6.6%; 34.6 juta tong).

Minyak mentah merangkumi 69.2 peratus atau bersamaan 33.2 juta tong, manakala Kondensat menyumbang 30.8 peratus atau 14.8 juta tong pada suku pertama 2024 seperti yang ditunjukkan di **Carta 1**.

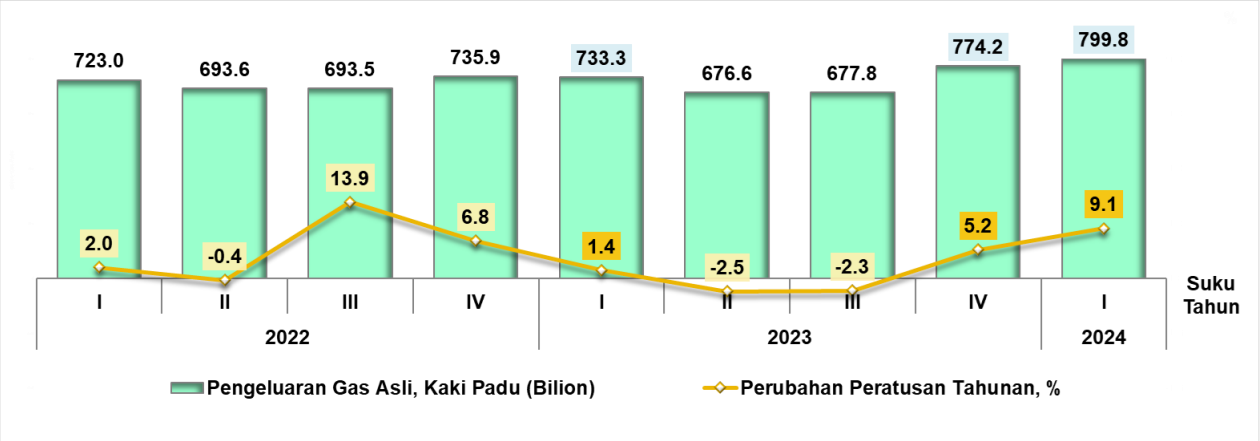
Carta 1 **Prestasi Pengeluaran Minyak Mentah dan Kondensat, ST1 2022 - ST1 2024**



Nota: Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA

Pengeluaran Gas asli terus meningkat kepada 9.1 peratus, merekodkan nilai sebanyak 799.8 bilion kaki padu berbanding dengan 733.3 bilion kaki padu pada suku yang sama tahun sebelumnya seperti di **Carta 2**.

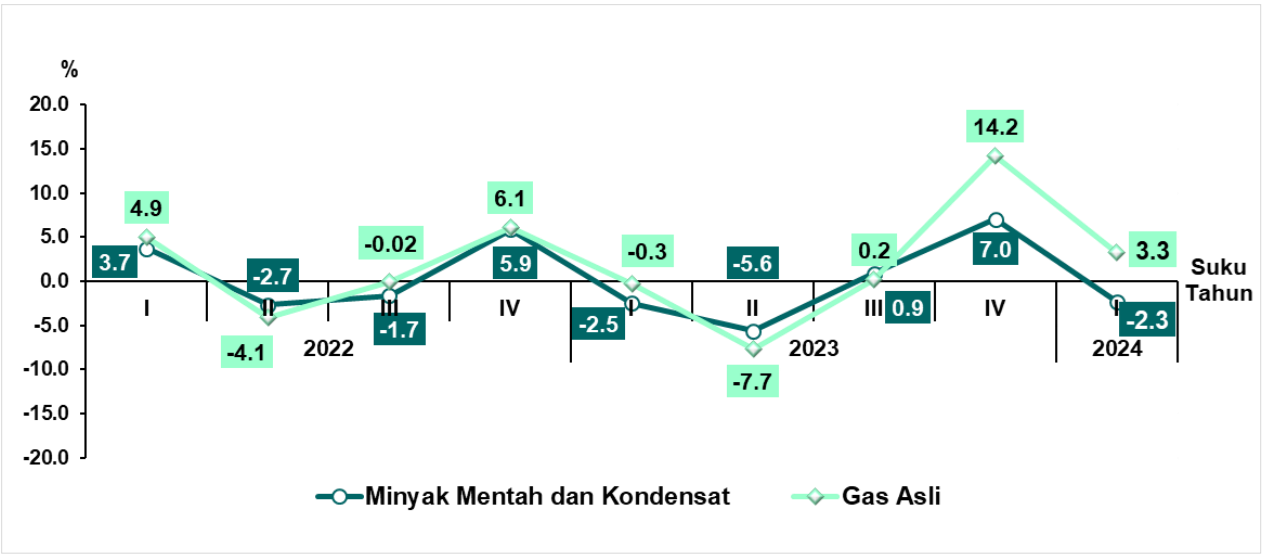
Carta 2 Prestasi Pengeluaran Gas Asli, ST1 2022 - ST1 2024



Nota: Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA

Bagi perbandingan suku tahun ke suku tahun, pengeluaran Minyak mentah dan kondensat menurun 2.3 peratus berbanding dengan pertumbuhan 7.0 peratus pada suku keempat tahun 2023. Sementara itu, pengeluaran Gas asli bertumbuh 3.3 peratus berbanding 14.2 peratus yang direkodkan pada suku yang lalu **(Carta 3)**.

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



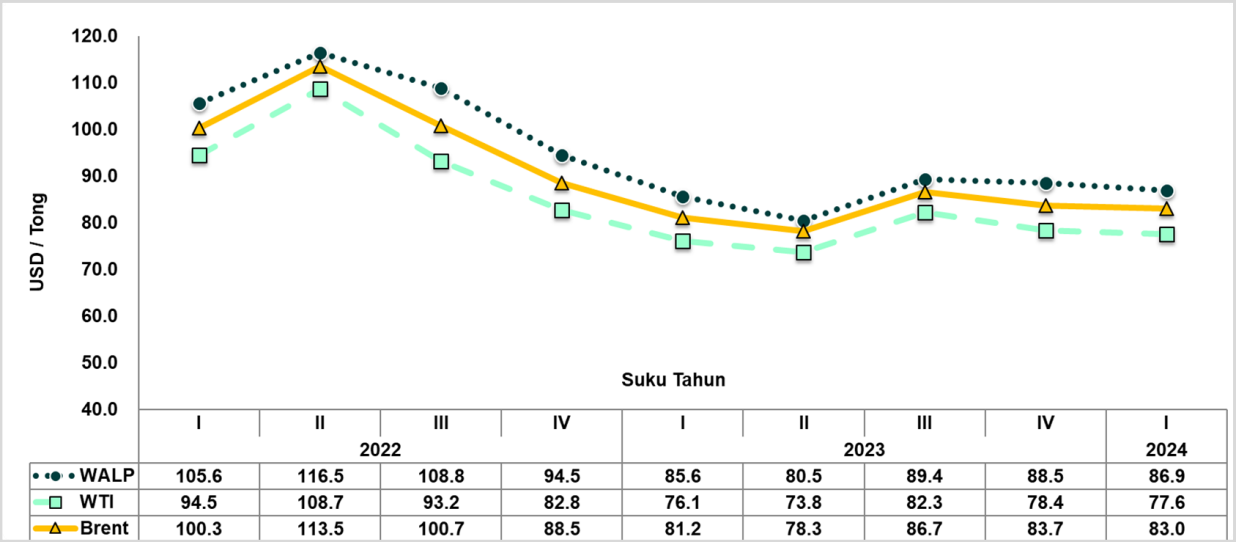
Nota: Pengiraan oleh DOSM menggunakan statistik daripada PETRONAS dan MTJA

3. Harga Minyak Mentah dan Kondensat, Suku Pertama 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.

Secara keseluruhan, harga Minyak mentah dan kondensat mengalami penurunan sejak suku ketiga tahun 2023. Harga Purata "*Lifting*" Berpemberat (WALP) mencatatkan USD86.9 per tong pada suku pertama 2024 (ST4 2023: USD88.5; ST3 2023: USD89.4). Pada masa yang sama, harga setiap tong WTI dan Brent masing-masing mencatatkan USD77.6 (ST4 2023: USD78.4; ST3 2023: USD82.3) dan USD83.0 (ST4 2023: USD83.7; ST3 2023: USD86.7) seperti yang ditunjukkan di **Carta 4**.

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



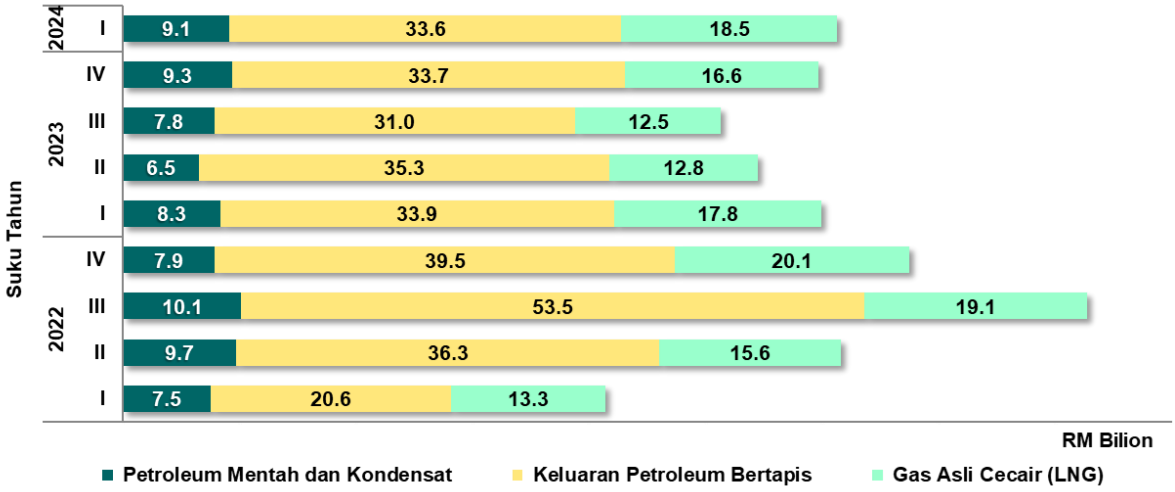
	I	II	III	IV	I	II	III	IV	I
	2022				2023				2024
WALP	105.6	116.5	108.8	94.5	85.6	80.5	89.4	88.5	86.9
WTI	94.5	108.7	93.2	82.8	76.1	73.8	82.3	78.4	77.6
Brent	100.3	113.5	100.7	88.5	81.2	78.3	86.7	83.7	83.0

Sumber: PETRONAS dan EIA

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

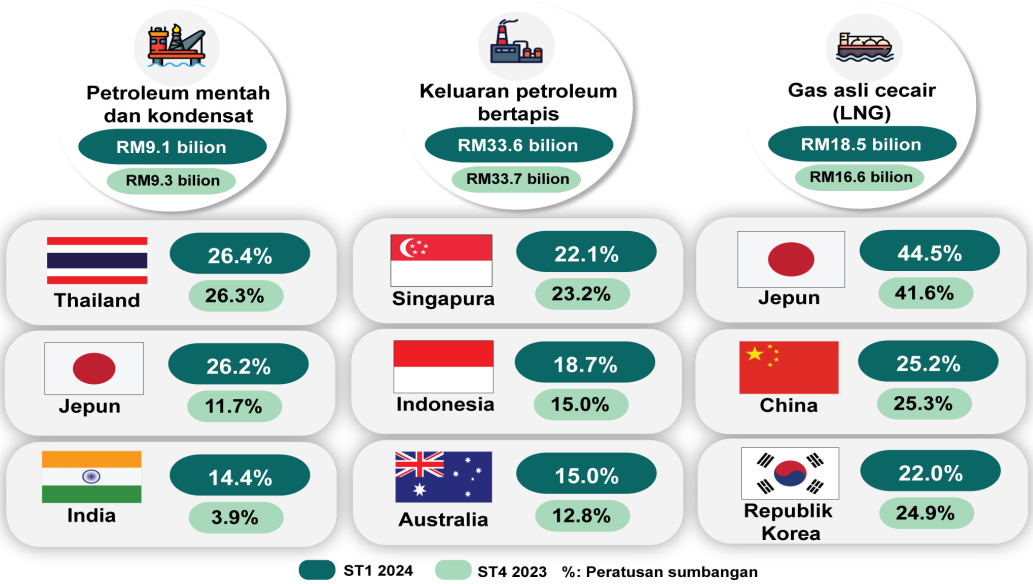
Nilai eksport Minyak mentah dan kondensat adalah sebanyak RM9.1 bilion pada suku pertama tahun 2024 (ST4 2023: RM9.3 bilion). Sementara itu, nilai eksport Keluaran petroleum bertapis berjumlah RM33.6 bilion pada suku ini (ST4 2023: RM33.7 bilion). Bagi LNG, eksport mencatatkan nilai sebanyak RM18.5 bilion seperti di **Carta 5**.

Carta 5 Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair (LNG), ST1 2022 - ST1 2024



Thailand terus mendominasi negara destinasi eksport utama bagi Petroleum mentah dan kondensat pada suku tahun ini dengan RM2.4 bilion atau merangkumi 26.4 peratus, diikuti oleh Jepun (26.2%) dan India (14.4%). Di samping itu, Singapura merupakan negara eksport utama bagi Keluaran petroleum bertapis sebanyak RM7.4 bilion atau 22.1 peratus. Ini diikuti oleh Indonesia dan Australia dengan masing-masing mencatatkan sumbangan 18.7 peratus dan 15.0 peratus. Sementara itu, sejumlah RM8.2 bilion (44.5%) daripada LNG adalah dieksport ke Jepun, diikuti oleh China (25.2%) dan Republik Korea (22.0%) seperti yang ditunjukkan di **Paparan 1**.

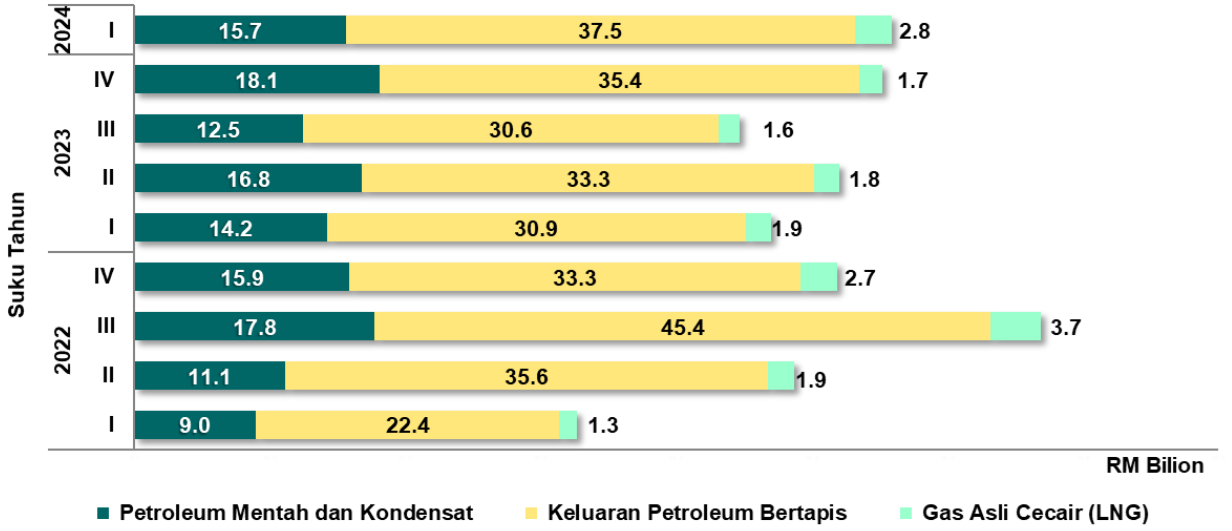
Paparan 1 Eksport mengikut Negara Destinasi Utama - Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair (LNG)



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

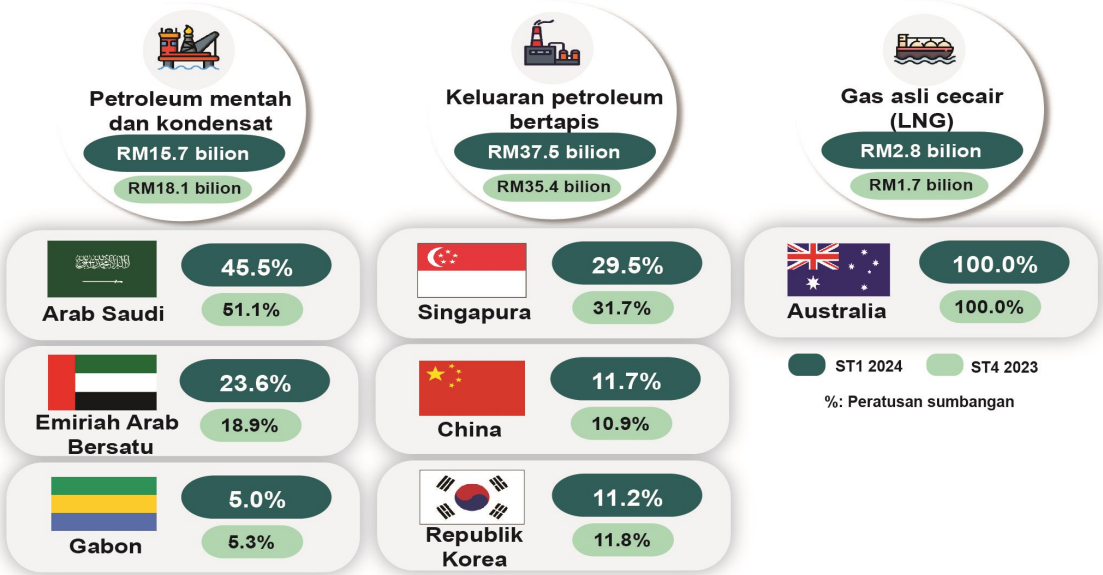
Nilai import Minyak mentah dan kondensat berkurang kepada RM15.7 bilion untuk suku pertama tahun 2024 berbanding dengan RM18.1 bilion yang dicatatkan pada suku keempat tahun 2023. Sementara itu, nilai import Keluaran petroleum bertapis dan LNG mencatatkan peningkatan untuk suku ini, dengan masing-masing mencecahkan RM37.5 bilion (ST4 2023: RM35.4 bilion) dan RM2.8 bilion (ST4 2023: RM1.7 bilion) seperti di **Carta 6**.

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



Arab Saudi kekal sebagai penyumbang utama import Petroleum mentah dan kondensat merangkumi 45.5 peratus dengan nilai sebanyak RM7.1 bilion pada suku ini. Ini diikuti oleh Emiriah Arab Bersatu (23.6%) dan Gabon (5.0%). Bagi import Keluaran petroleum bertapis, Singapura telah menyumbang nilai tertinggi sebanyak RM11.1 bilion (29.5%), diikuti oleh China (11.7%) dan Republik Korea (11.2%). Di samping itu, import LNG pada suku pertama 2024 adalah hanya dari Australia dengan nilai RM2.8 bilion **(Paparan 2)**.

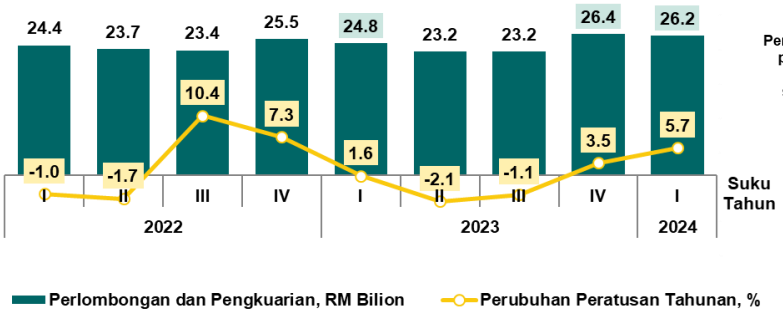
Paparan 2 Import mengikut Negara Asal Utama - Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair (LNG)

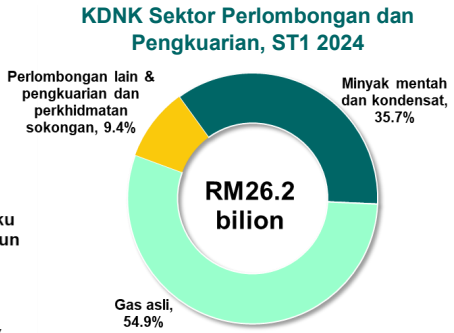


6. Keluaran Dalam Negeri Kasar Sektor Perlombongan dan Pengkuarian pada Harga Malar 2015, Suku Pertama 2024

Keluaran Dalam Negeri Kasar (KDNK) bagi sektor Perlombongan dan pengkuarian meningkat 5.7 peratus pada suku pertama berbanding 3.5 peratus pada suku sebelumnya seperti yang ditunjukkan di **Carta 7**. Subsektor Gas asli menyumbang secara konsisten melebihi 50 peratus kepada sektor Perlombongan dan pengkuarian dengan sumbangan 54.9 peratus pada suku tahun ini, diikuti oleh Minyak mentah dan kondensat iaitu 35.7 peratus.

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





1. Introduction

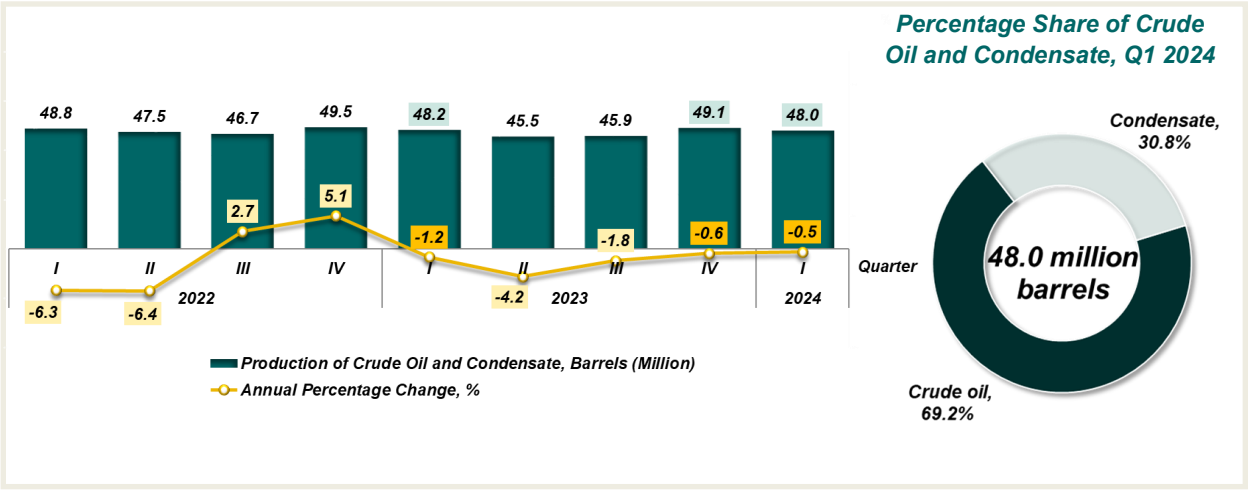
The Mining of Petroleum and Natural Gas Statistics presents the production of crude oil, condensate & natural gas statistics; the average price of crude oil; production & sales value of major refined petroleum products; wholesales of solid fuels, liquids & gases & related products; and exports & imports 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 first quarter of 2024. Annual statistics are also included in this publication.

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

The Crude oil and condensate production decreased marginally for two consecutive quarters, declining by 0.5 per cent to 48.0 million barrels in the first quarter of 2024 (Q4 2023: -0.6%; 49.1 million barrels). The contraction was due to a 5.8 per cent deterioration in Crude oil production to 33.2 million barrels (Q4 2023: -6.6%; 34.6 million barrels).

The Crude oil encompassed 69.2 per cent or equivalent to 33.2 million barrels, meanwhile the Condensate contributed 30.8 per cent or 14.8 million barrels in the first quarter of 2024 as shown in ***Chart 1****.*

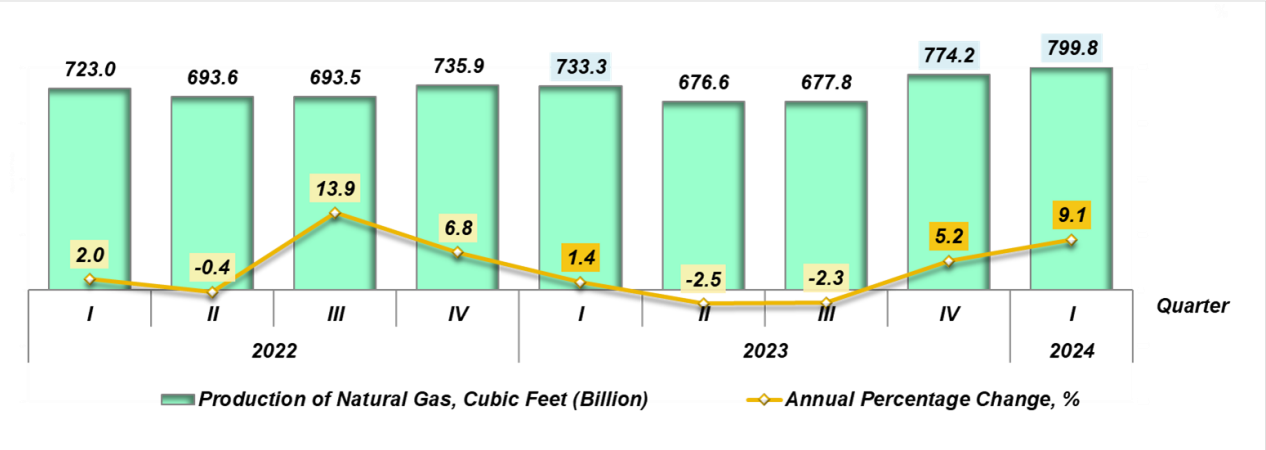
Chart 1 *Performance of Crude Oil and Condensate Production, Q1 2022 - Q1 2024*



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

The production of Natural gas climbed further to 9.1 per cent, recording 799.8 billion cubic feet as compared to 733.3 billion cubic feet in the same quarter of preceding year as shown in ***Chart 2****.*

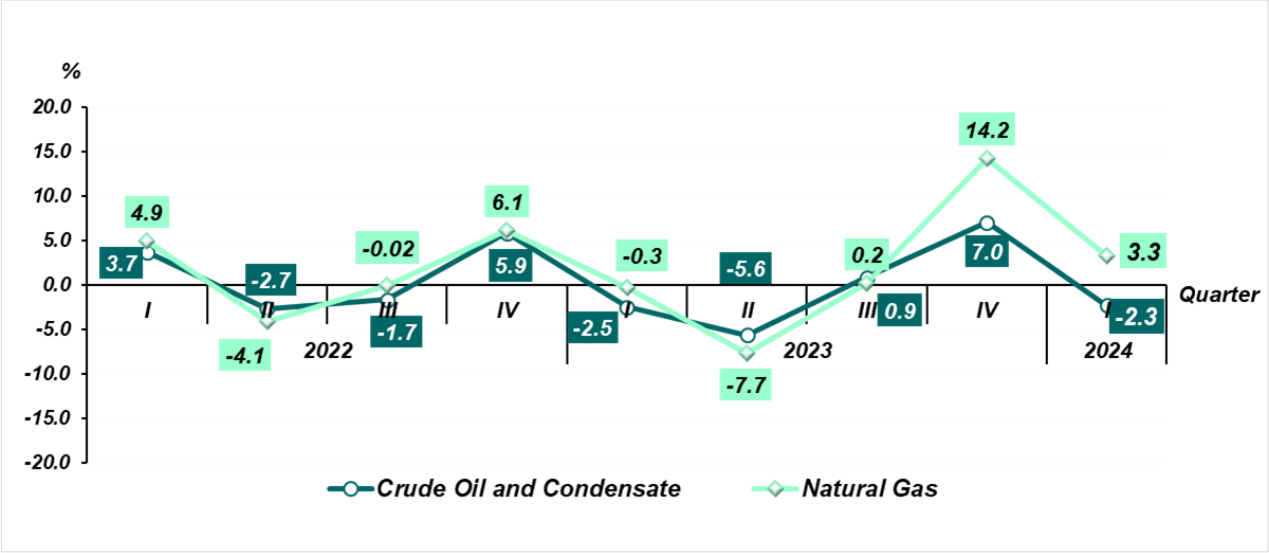
Chart 2 *Performance of Natural Gas Production, Q1 2022 - Q1 2024*



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

For a quarter-on-quarter comparison, the production of Crude oil and condensates declined by 2.3 per cent as compared to a growth of 7.0 per cent in the fourth quarter of 2023. Whereas, the production of Natural gas grew 3.3 per cent as compared to 14.2 per cent recorded in the previous quarter ***(Chart 3)****.*

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



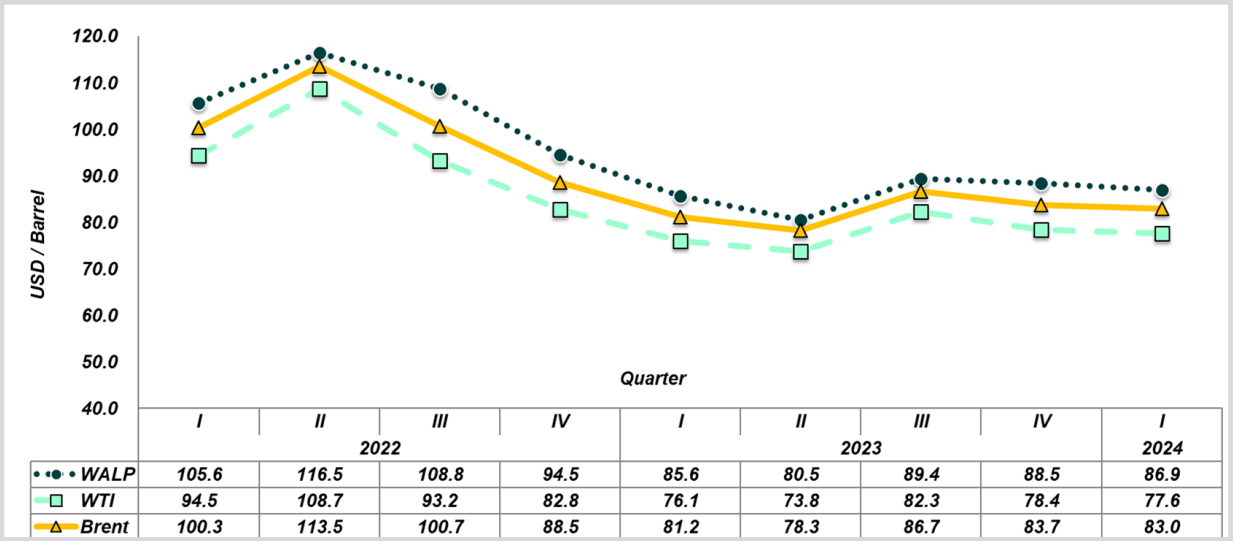
Note: Calculation by DOSM using the statistics from PETRONAS and MTJA

3. Prices of Crude Oil and Condensate, First 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.

Overall, the price of Crude oil and condensate has trended down since the third quarter of 2023. The Weighted Average Lifting Price (WALP) recorded USD86.9 per barrel in the first quarter 2024 (Q4 2023: USD88.5; Q3 2023: USD89.4). In the meantime, the price per barrel of WTI and Brent recorded USD77.6 per barrel (Q4 2023: USD78.4; Q3 2023: USD82.3) and USD83.0 per barrel (Q4 2023: USD83.7; Q3 2023: USD86.7) respectively as shown in ***Chart 4****.*

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



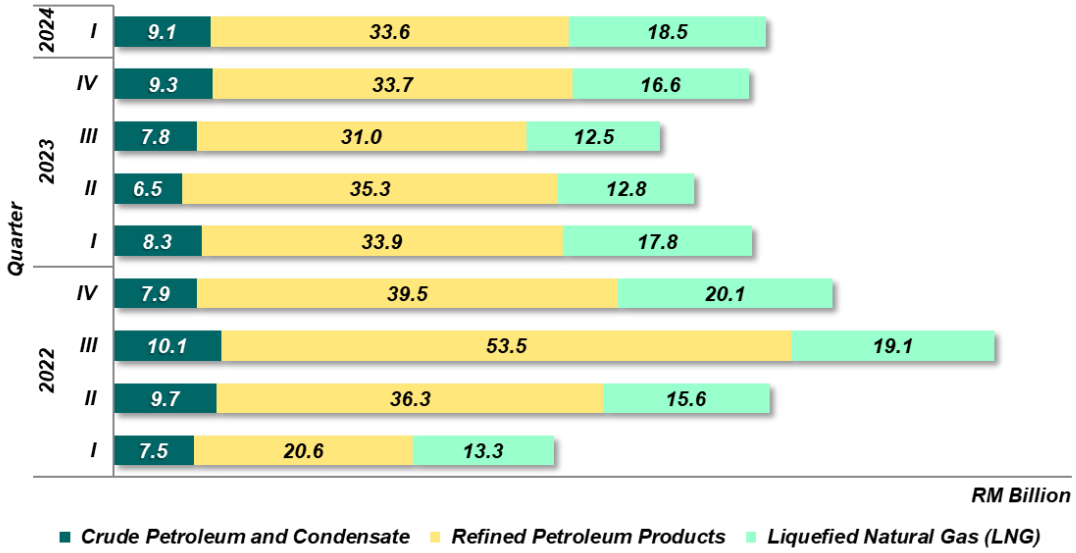
	I	II	III	IV	I	II	III	IV	I
	2022				2023				2024
WALP	105.6	116.5	108.8	94.5	85.6	80.5	89.4	88.5	86.9
WTI	94.5	108.7	93.2	82.8	76.1	73.8	82.3	78.4	77.6
Brent	100.3	113.5	100.7	88.5	81.2	78.3	86.7	83.7	83.0

Source: PETRONAS and EIA

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

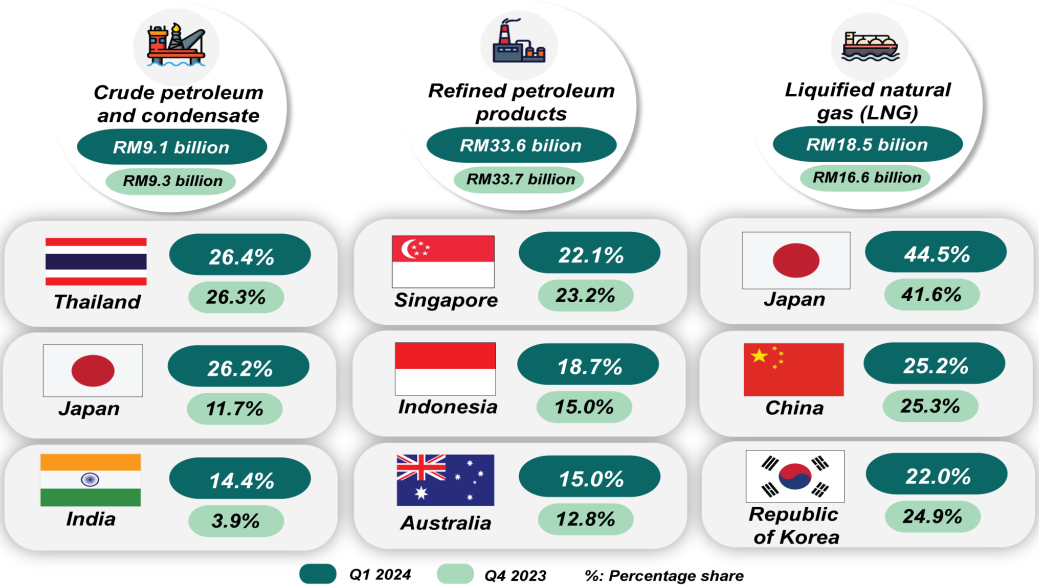
The export value of Crude oil and condensate was RM9.1 billion in the first quarter of 2024 (Q4 2023: RM9.3 billion). Meanwhile, the export value of Refined petroleum products amounted to RM33.6 billion in this quarter (Q4 2023: RM33.7 billion). As for LNG, exports recorded a value of RM18.5 billion as in ***Chart 5****.*

Chart 5 *Exports of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas (LNG), Q1 2022 - Q1 2024*



Thailand continued to dominate the major destination of exports for Crude petroleum and condensate in this quarter with RM2.4 billion or encompassing 26.4 per cent, followed by Japan (26.2%) and India (14.4%). Besides, Singapore was the major destination of Refined petroleum products by RM7.4 billion or 22.1 per cent. This was followed by Indonesia and Australia with a contribution of 18.7 per cent and 15.0 per cent respectively. Whereas, a total of RM8.2 billion (44.5%) of LNG was exported to Japan, followed by China (25.2%) and the Republic of Korea (22.0%) as shown in ***Exhibit 1****.*

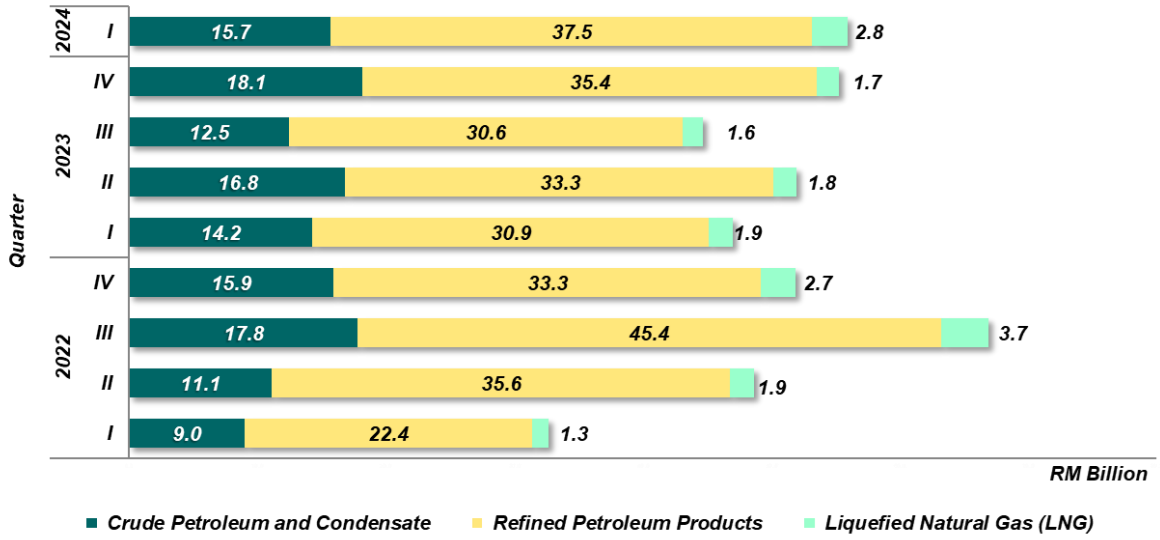
Exhibit 1 *Exports by Major Country of Destination - Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas (LNG)*



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

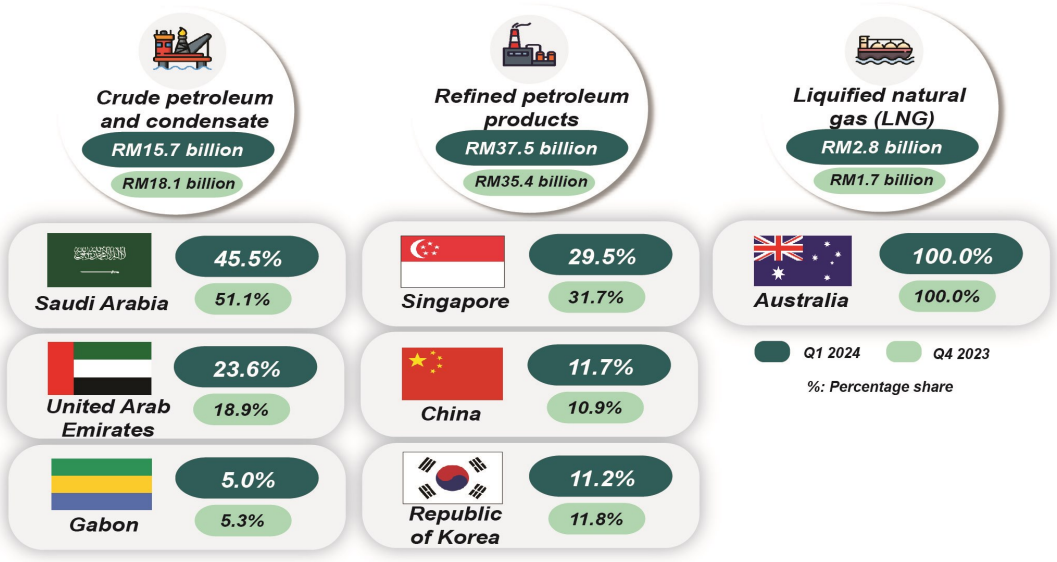
The value of Crude oil and condensate imports lessened to RM15.7 billion for the first quarter of 2024 as compared to RM18.1 billion recorded in the fourth quarter of 2023. Meanwhile, the import value of Refined petroleum products and LNG registered an increase for this quarter, reaching RM37.5 billion (Q4 2023: RM35.4 billion) and RM2.8 billion (Q4 2023: RM1.7 billion), respectively as in ***Chart 6****.*

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



Saudi Arabia stood as the main contributor for imports of Crude petroleum and condensate, comprising 45.5 per cent with a value of RM7.1 billion for this quarter. This was followed by the United Arab Emirates (23.6%) and Gabon (5.0%). As for the imports of Refined petroleum products, Singapore contributed the highest value of RM11.1 billion (29.5%), followed by China (11.7%) and Republic of Korea (11.2%). Furthermore, the imports of LNG in the first quarter of 2024 was only from Australia, with a value of RM2.8 billion ***(Exhibit 2)****.*

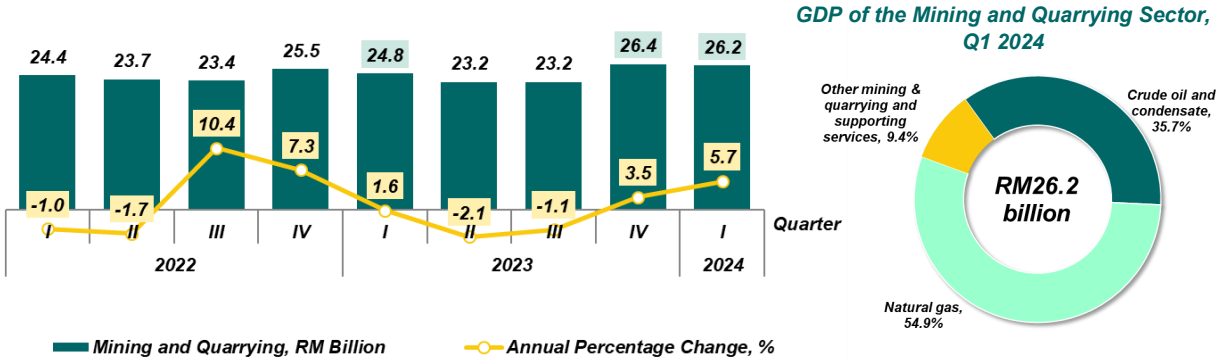
Exhibit 2 *Imports by Major Country of Origin - Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas (LNG)*



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

The Gross Domestic Product (GDP) for the Mining and quarrying sector grew 5.7 per cent in the first quarter of 2024 from 3.5 per cent in the previous quarter as shown in ***Chart 7.*** *The Natural gas subsector which consistently contributed over 50 per cent to Mining and quarrying sector with a share of 54.9 per cent in this quarter, followed by Crude oil and condensate at 35.7 per cent.*

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



BAHAGIAN
PART
2

JADUAL STATISTIK
STATISTICAL TABLES

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JADUAL STATISTIK
STATISTICAL TABLES

SEGMEN
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PENGELUARAN, JUALAN DAN HARGA
PRODUCTION, SALES AND PRICES

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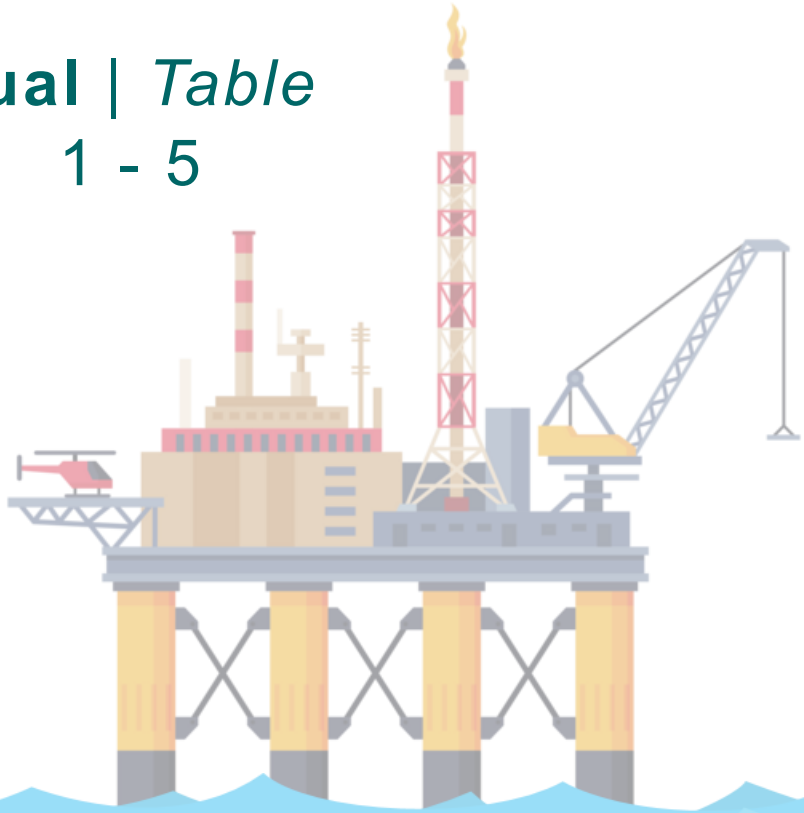
1 - 5



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

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

[r] **Disemak /** *Revised*

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

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

[r] **Disemak /** *Revised*

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

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

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
(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
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
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
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
(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
Cushing, OK WTI Spot Price FOB *[Products in Dollars per Barrel]*	63.4	64.5	31.9	6.9	-19.5	-32.2	-11.7	-5.3	2.0
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
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
(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
Cushing, OK WTI Spot Price FOB *[Products in Dollars per Barrel]*	22.0	15.1	-14.3	-11.2	-8.1	-3.0	11.6	-4.7	-1.0
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
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

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
(A) Pengeluaran ('000 Tan Metrik) *Production ('000 Metric Tonnes)*						
Gas Asli Cecair / *Liquefied Natural Gas*	28,161	28,672	26,576	29,012	31,283	31,280
Gas Petroleum Cecair / *Liquefied Petroleum Gas*	2,722	2,901	2,549	2,693	2,678	2,524
Gasolin (Spirit Motor) / *Gasoline (Motor Spirit)*	5,828	5,862	4,981	6,433	6,466	4,639
Minyak Bahan Api / *Fuel Oil*	2,802	2,701	2,089	2,119	1,990	1,935
Minyak Diesel / Gas / *Diesel / Gas Oil*	12,216	13,019	10,922	12,881	15,332	16,187
Minyak Pelincir Campuran / *Blended Lubricating Oil*	158	138	92	107	145	186
Minyak Tanah / *Kerosene*	4,123	4,236	3,695	4,168	3,158	3,275
Nafta / *Naptha*	4,266	4,336	3,754	3,901	3,259	2,975
Jumlah / *Total*	**60,277**	**61,864**	**54,658**	**61,314**	**64,311**	**63,002**
(B) Perubahan Peratusan Tahunan *Annual Percentage Change*						
Gas Asli Cecair / *Liquefied Natural Gas*	3.9	1.8	-7.3	9.2	7.8	0.0
Gas Petroleum Cecair / *Liquefied Petroleum Gas*	11.2	6.6	-12.1	5.6	-0.6	-5.7
Gasolin (Spirit Motor) / *Gasoline (Motor Spirit)*	1.7	0.6	-15.0	29.2	0.5	-28.3
Minyak Bahan Api / *Fuel Oil*	-0.5	-3.6	-22.7	1.4	-6.1	-2.8
Minyak Diesel / Gas / *Diesel / Gas Oil*	0.5	6.6	-16.1	17.9	19.0	5.6
Minyak Pelincir Campuran / *Blended Lubricating Oil*	5.4	-12.4	-33.3	15.4	35.7	28.8
Minyak Tanah / *Kerosene*	4.5	2.7	-12.8	12.8	-24.2	3.7
Nafta / *Naptha*	5.5	1.6	-13.4	3.9	-16.5	-8.7
Jumlah / *Total*	**3.2**	**2.6**	**-11.6**	**12.2**	**4.9**	**-2.0**
(C) Peratusan Sumbangan *Percentage Share*						
Gas Asli Cecair / *Liquefied Natural Gas*	46.7	46.3	48.6	47.3	48.6	49.6
Gas Petroleum Cecair / *Liquefied Petroleum Gas*	4.5	4.7	4.7	4.4	4.2	4.0
Gasolin (Spirit Motor) / *Gasoline (Motor Spirit)*	9.7	9.5	9.1	10.5	10.1	7.4
Minyak Bahan Api / *Fuel Oil*	4.6	4.4	3.8	3.5	3.1	3.1
Minyak Diesel / Gas / *Diesel / Gas Oil*	20.3	21.0	20.0	21.0	23.8	25.7
Minyak Pelincir Campuran / *Blended Lubricating Oil*	0.3	0.2	0.2	0.2	0.2	0.3
Minyak Tanah / *Kerosene*	6.8	6.8	6.8	6.8	4.9	5.2
Nafta / *Naptha*	7.1	7.0	6.9	6.4	5.1	4.7
Jumlah / *Total*	**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
(A) Pengeluaran ('000 Tan Metrik) *Production ('000 Metric Tonnes)*									
Gas Asli Cecair / *Liquefied Natural Gas*	8,023	7,385	8,337	7,539	8,390	7,069	7,888	7,933	9,054
Gas Petroleum Cecair / *Liquefied Petroleum Gas*	673	705	654	645	670	727	605	521	570
Gasolin (Spirit Motor) / *Gasoline (Motor Spirit)*	1,446	1,827	1,834	1,359	1,159	1,327	1,269	883	738
Minyak Bahan Api / *Fuel Oil*	516	446	500	529	438	478	558	462	457
Minyak Diesel / Gas / *Diesel / Gas Oil*	3,401	2,804	4,374	4,753	4,741	3,070	4,009	4,368	4,350
Minyak Pelincir Campuran / *Blended Lubricating Oil*	23	29	48	45	36	41	52	56	50
Minyak Tanah / *Kerosene*	827	774	745	812	799	1,009	701	767	734
Nafta / *Naptha*	865	805	806	783	738	937	643	657	625
Jumlah / *Total*	**15,773**	**14,776**	**17,297**	**16,465**	**16,971**	**14,658**	**15,726**	**15,647**	**16,578**
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya *Percentage Change from Corresponding Quarter of Preceding Year*									
Gas Asli Cecair / *Liquefied Natural Gas*	5.1	7.0	15.8	3.7	4.6	-4.3	-5.4	5.2	7.9
Gas Petroleum Cecair / *Liquefied Petroleum Gas*	2.5	8.5	-0.6	-11.4	-0.4	3.1	-7.4	-19.2	-14.9
Gasolin (Spirit Motor) / *Gasoline (Motor Spirit)*	-1.8	18.6	4.2	-18.1	-19.8	-27.4	-30.8	-35.0	-36.3
Minyak Bahan Api / *Fuel Oil*	-1.4	-12.5	-12.9	3.3	-15.1	7.1	11.6	-12.7	4.5
Minyak Diesel / Gas / *Diesel / Gas Oil*	14.3	4.6	20.4	32.3	39.4	9.5	-8.3	-8.1	-8.2
Minyak Pelincir Campuran / *Blended Lubricating Oil*	23.8	21.0	40.3	49.6	56.3	43.9	9.1	25.9	36.8
Minyak Tanah / *Kerosene*	-10.8	-25.1	-32.1	-26.9	-3.4	30.4	-5.9	-5.6	-8.2
Nafta / *Naptha*	-15.5	-16.6	-16.8	-17.1	-14.7	16.4	-20.2	-16.2	-15.3
Jumlah / *Total*	**3.5**	**3.3**	**8.6**	**3.9**	**7.6**	**-0.8**	**-9.1**	**-5.0**	**-2.3**
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya *Percentage Change from Preceding Quarter*									
Gas Asli Cecair / *Liquefied Natural Gas*	10.4	-7.9	12.9	-9.6	11.3	-15.7	11.6	0.6	14.1
Gas Petroleum Cecair / *Liquefied Petroleum Gas*	-7.6	4.8	-7.3	-1.3	3.8	8.5	-16.8	-13.9	9.4
Gasolin (Spirit Motor) / *Gasoline (Motor Spirit)*	-12.9	26.4	0.3	-25.9	-14.7	14.5	-4.4	-30.4	-16.4
Minyak Bahan Api / *Fuel Oil*	0.8	-13.6	12.2	5.7	-17.2	9.1	16.9	-17.3	-0.9
Minyak Diesel / Gas / *Diesel / Gas Oil*	-5.3	-17.5	56.0	8.7	-0.3	-35.2	30.6	8.9	-0.4
Minyak Pelincir Campuran / *Blended Lubricating Oil*	-22.2	23.0	66.4	-6.0	-18.7	13.2	26.0	8.5	-11.7
Minyak Tanah / *Kerosene*	-25.5	-6.4	-3.7	9.0	-1.6	26.3	-30.5	9.4	-4.3
Nafta / *Naptha*	-8.4	-7.0	0.1	-2.8	-5.8	26.9	-31.3	2.1	-4.8
Jumlah / *Total*	**-0.5**	**-6.3**	**17.1**	**-4.8**	**3.1**	**-13.6**	**7.3**	**-0.5**	**6.0**
(D) Peratusan Sumbangan *Percentage Share*									
Gas Asli Cecair / *Liquefied Natural Gas*	50.9	50.0	48.2	45.8	49.4	48.2	50.2	50.7	54.6
Gas Petroleum Cecair / *Liquefied Petroleum Gas*	4.3	4.8	3.8	3.9	3.9	5.0	3.8	3.3	3.4
Gasolin (Spirit Motor) / *Gasoline (Motor Spirit)*	9.2	12.4	10.6	8.3	6.8	9.1	8.1	5.6	4.5
Minyak Bahan Api / *Fuel Oil*	3.3	3.0	2.9	3.2	2.6	3.3	3.5	3.0	2.8
Minyak Diesel / Gas / *Diesel / Gas Oil*	21.6	19.0	25.3	28.9	27.9	20.9	25.5	27.9	26.2
Minyak Pelincir Campuran / *Blended Lubricating Oil*	0.1	0.2	0.3	0.3	0.2	0.3	0.3	0.4	0.3
Minyak Tanah / *Kerosene*	5.2	5.2	4.3	4.9	4.7	6.9	4.5	4.9	4.4
Nafta / *Naptha*	5.5	5.4	4.7	4.8	4.3	6.4	4.1	4.2	3.8
Jumlah / *Total*	**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 *Description*		2018	2019	2020	2021	2022	2023
(A) **Pengeluaran ('000)** *Production ('000)*							
Baja (termasuk urea) / *Fertilizers (includes urea)*	(**Tan** / *Tonne*)	3,616	3,721	4,080	5,840	7,584	5,906
Cat asas / *Primers*	(**Liter** / Litre)	24,642	29,629	20,036	19,302	18,341	21,342
Cat emulsi / *Emulsion paints*	(**Liter** / Litre)	118,111	101,689	68,600	49,480	58,557	69,896
Cat lapis / *Under-coats*	(**Liter** / Litre)	14,754	14,977	13,869	17,890	17,876	13,019
Dakwat pencetak / *Printing ink*	(**Tan** / *Tonne*)	38	33	35	29	22	21
Methanol (methyl alcohol) / *Methanol (methyl alcohol)*	(**Tan** / *Tonne*)	6,034	6,999	4,555	3,717	4,365	5,091
Nitrogen dan oksigen / *Nitrogen and oxygen*	(**Meter padu** *Cubic metre*)	418,770	416,483	456,279	564,435	610,924	526,966
Pelekat perindustrian / *Adhesive, industrial*	(**Liter** / Litre)	241,025	191,096	161,056	156,030	156,135	166,252
Pelembut fabrik / *Fabric softener*	(**Liter** / Litre)	65,640	65,858	40,262	33,368	31,289	29,439
Sebatian P.V.C. / *P.V.C. compound*	(**Tan** / *Tonne*)	110	101	76	88	71	56
Racun serangga aerosol (cecair) / *Aerosol insecticides (liquid)*	(**Liter** / Litre)	7,965	7,398	7,242	7,058	6,083	5,163
Racun herba (cecair) / *Herbicides (liquid)*	(**Liter** / Litre)	58,626	38,807	55,497	68,379	97,263	91,732
Racun herba (bukan cecair) / *Herbicides (non-liquid)*	(**Tan** / *Tonne*)	32	27	43	66	91	58
Sabun mandi / *Toilet soap*	(**Tan** / *Tonne*)	45	46	21	17	15	15
Sabun serbuk (bahan pencuci) / *Soap powder (detergents)*	(**Tan** / *Tonne*)	148	133	97	102	97	78
(B) **Perubahan Peratusan Tahunan** *Annual Percentage Change*							
Baja (termasuk urea) / *Fertilizers (includes urea)*		27.4	2.9	9.7	43.1	29.9	-22.1
Cat asas / *Primers*		18.6	20.2	-32.4	-3.7	-5.0	16.4
Cat emulsi / *Emulsion paints*		28.1	-13.9	-32.5	-27.9	18.3	19.4
Cat lapis / *Under-coats*		44.1	1.5	-7.4	29.0	-0.1	-27.2
Dakwat pencetak / *Printing ink*		-9.7	-13.2	8.4	-18.7	-23.5	-4.4
Methanol (methyl alcohol) / *Methanol (methyl alcohol)*		176.2	16.0	-34.9	-18.4	17.4	16.6
Nitrogen dan oksigen / *Nitrogen and oxygen*		-38.1	-0.5	9.6	23.7	8.2	-13.7
Pelekat perindustrian / *Adhesive, industrial*		6.2	-20.7	-15.7	-3.1	0.1	6.5
Pelembut fabrik / *Fabric softener*		4.5	0.3	-38.9	-17.1	-6.2	-5.9
Sebatian P.V.C. / *P.V.C. compound*		0.1	-8.0	-24.6	16.0	-19.1	-21.1
Racun serangga aerosol (cecair) / *Aerosol insecticides (liquid)*		-13.8	-7.1	-2.1	-2.5	-13.8	-15.1
Racun herba (cecair) / *Herbicides (liquid)*		7.2	-33.8	43.0	23.2	42.2	-5.7
Racun herba (bukan cecair) / *Herbicides (non-liquid)*		152.1	-16.5	60.8	53.1	38.2	-36.9
Sabun mandi / *Toilet soap*		33.0	0.3	-53.8	-19.6	-8.5	-3.5
Sabun serbuk (bahan pencuci) / *Soap powder (detergents)*		-19.0	-10.0	-27.4	5.5	-4.6	-20.1

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
(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
Cat asas / *Primers*	(**Liter** / Litre)	5,044	3,624	4,572	5,101	4,731	3,740	6,271	6,599	5,710
Cat emulsi / *Emulsion paints*	(**Liter** / Litre)	13,015	12,026	17,346	16,170	19,543	17,595	18,126	14,631	17,706
Cat lapis / *Under-coats*	(**Liter** / Litre)	3,964	3,972	4,801	5,139	4,546	4,353	1,717	2,402	2,960
Dakwat pencetak / *Printing ink*	(**Tan** / *Tonne*)	6	6	5	5	6	5	5	6	7
Methanol (methyl alcohol) / *Methanol (methyl alcohol)*	(**Tan** / *Tonne*)	1,254	973	1,032	1,106	1,186	951	1,266	1,688	1,610
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
Pelekat perindustrian / *Adhesive, industrial*	(**Liter** / Litre)	37,967	41,141	39,620	37,407	40,810	43,856	40,012	41,576	38,803
Pelembut fabrik / *Fabric softener*	(**Liter** / Litre)	8,192	6,425	7,172	9,500	7,768	7,525	6,048	8,097	7,743
Sebatian P.V.C. / *P.V.C. compound*	(**Tan** / *Tonne*)	23	16	17	16	18	15	14	10	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
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
Racun herba (bukan cecair) / *Herbicides (non-liquid)*	(**Tan** / *Tonne*)	23	25	22	21	15	18	15	10	9
Sabun mandi / *Toilet soap*	(**Tan** / *Tonne*)	4	3	4	5	4	4	4	3	5
Sabun serbuk (bahan pencuci) / *Soap powder (detergents)*	(**Tan** / *Tonne*)	25	21	28	22	19	19	20	20	20
(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
Cat asas / *Primers*		-12.7	-3.8	1.8	-3.1	-6.2	3.2	37.2	29.4	20.7
Cat emulsi / *Emulsion paints*		-15.8	-2.4	60.3	48.7	50.2	46.3	4.5	-9.5	-9.4
Cat lapis / *Under-coats*		5.3	2.5	-5.6	-0.5	14.7	9.6	-64.2	-53.3	-34.9
Dakwat pencetak / *Printing ink*		-0.3	-27.5	-38.8	-20.5	-7.1	-17.1	-2.6	10.8	17.2
Methanol (methyl alcohol) / *Methanol (methyl alcohol)*		42.1	28.3	1.7	4.1	-5.4	-2.3	22.7	52.6	35.7
Nitrogen dan oksigen / *Nitrogen and oxygen*		6.7	10.5	8.3	7.5	-9.4	-14.4	-16.4	-15.4	-12.5
Pelekat perindustrian / *Adhesive, industrial*		-3.5	-3.3	1.3	6.9	7.5	6.6	1.0	11.1	-4.9
Pelembut fabrik / *Fabric softener*		-3.0	-8.6	-5.4	-7.9	-5.2	17.1	-15.7	-14.8	-0.3
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
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
Racun herba (cecair) / *Herbicides (liquid)*		43.3	32.3	43.8	50.5	-1.1	11.5	-11.5	-22.1	-5.6
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
Sabun mandi / *Toilet soap*		-25.3	-11.1	0.7	3.9	13.6	12.7	-3.9	-28.3	9.7
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
(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
Cat emulsi / *Emulsion paints*		19.7	-7.6	44.2	-6.8	20.9	-10.0	3.0	-19.3	21.0
Cat lapis / *Under-coats*		-23.3	0.2	20.9	7.0	-11.5	-4.2	-60.6	39.9	23.2
Cat asas / *Primers*		-4.2	-28.2	26.2	11.6	-7.3	-20.9	67.7	5.2	-13.5
Dakwat pencetak / *Printing ink*		-7.2	-8.1	-6.5	-0.4	8.5	-18.0	9.9	13.4	14.8
Methanol (methyl alcohol) / *Methanol (methyl alcohol)*		18.1	-22.4	6.0	7.2	7.2	-19.8	33.1	33.3	-4.6
Nitrogen dan oksigen / *Nitrogen and oxygen*		20.7	-4.0	-14.3	8.4	1.7	-9.4	-16.3	9.7	5.2
Pelekat perindustrian / *Adhesive, industrial*		8.5	8.4	-3.7	-5.6	9.1	7.5	-8.8	3.9	-6.7
Pelembut fabrik / *Fabric softener*		-20.6	-21.6	11.6	32.5	-18.2	-3.1	-19.6	33.9	-4.4
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
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
Racun herba (cecair) / *Herbicides (liquid)*		61.0	-10.4	-11.3	17.5	5.8	1.1	-29.6	3.5	28.1
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
Sabun mandi / *Toilet soap*		-15.8	-13.1	26.7	12.0	-7.9	-13.8	8.1	-16.5	40.9
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

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
(A) Nilai (RM Juta) *Value (RM Million)*						
Jualan Produk Petroleum Bertapis[1] *Refined Petroleum Products [1]*	141,655	149,476	128,477	175,557	249,901	229,861
Jualan Borong Bahan Api Pepejal, Cecair & Gas dan Produk Berkaitan[2] *Wholesale of Solid, Liquid & Gaseous Fuels and Related Products [2]*	133,478	141,677	123,448	136,381	148,199	152,706
Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan[2] *Retail Sale of Automotive Fuel in Specialised Stores [2]*	42,843	44,610	38,654	40,817	58,539	66,748
(B) Perubahan Peratusan Tahunan *Annual Percentage Change*						
Jualan Produk Petroleum Bertapis[1] *Refined Petroleum Products1*	9.2	5.5	-14.0	36.6	42.3	-0.1
Jualan Borong Bahan Api Pepejal, Cecair & Gas dan Produk Berkaitan[2] *Wholesale of Solid, Liquid & Gaseous Fuels and Related Products [2]*	5.4	6.1	-12.9	10.5	8.7	3.0
Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan[2] *Retail Sale of Automotive Fuel in Specialised Stores [2]*	11.1	4.1	-13.4	5.6	43.4	14.0

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
(A) Nilai (RM Juta) *Value (RM Million)*									
Jualan Produk Petroleum Bertapis[1] *Refined Petroleum Products*[1]	45,669	60,286	75,616	68,330	55,680	56,542	58,478	54,050	48,509
Jualan Borong Bahan Api Pepejal, Cecair & Gas dan Produk Berkaitan[2] *Wholesale of Solid, Liquid & Gaseous Fuels and Related Products*[2]	36,494	38,027	37,543	36,135	36,116	37,572	40,112	38,906	38,537
Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan[2] *Retail Sale of Automotive Fuel in Specialised Stores*[2]	11,544	15,044	15,724	16,227	16,500	16,718	16,759	16,772	16,961
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya *Percentage Change from Corresponding Quarter of Preceding Year*									
Jualan Produk Petroleum Bertapis[1] *Refined Petroleum Products*[1]	36.3	36.3	57.2	37.4	21.9	-6.2	-22.7	-20.9	-12.9
Jualan Borong Bahan Api Pepejal, Cecair & Gas dan Produk Berkaitan[2] *Wholesale of Solid, Liquid & Gaseous Fuels and Related Products*[2]	6.0	11.2	17.5	1.0	-1.0	-1.2	6.8	7.7	6.7
Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan[2] *Retail Sale of Automotive Fuel in Specialised Stores*[2]	14.7	62.5	56.4	41.8	42.9	11.1	6.6	3.4	2.8
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya *Percentage Change from Preceding Quarter*									
Jualan Produk Petroleum Bertapis[1] *Refined Petroleum Products*[1]	-8.2	32.0	25.4	-9.6	-18.5	1.5	3.4	-7.6	-10.3
Jualan Borong Bahan Api Pepejal, Cecair & Gas dan Produk Berkaitan[2] *Wholesale of Solid, Liquid & Gaseous Fuels and Related Products*[2]	2.0	4.2	-1.3	-3.8	-0.1	4.0	6.8	-3.0	-0.9
Jualan Runcit di Kedai Khusus yang Menjual Bahan Api Kenderaan[2] *Retail Sale of Automotive Fuel in Specialised Stores*[2]	0.9	30.3	4.5	3.2	1.7	1.3	0.2	0.1	1.1

Sumber / *Source* :

[1] **Perangkaan Pembuatan Bulanan /** *Monthly Manufacturing Statistics*

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

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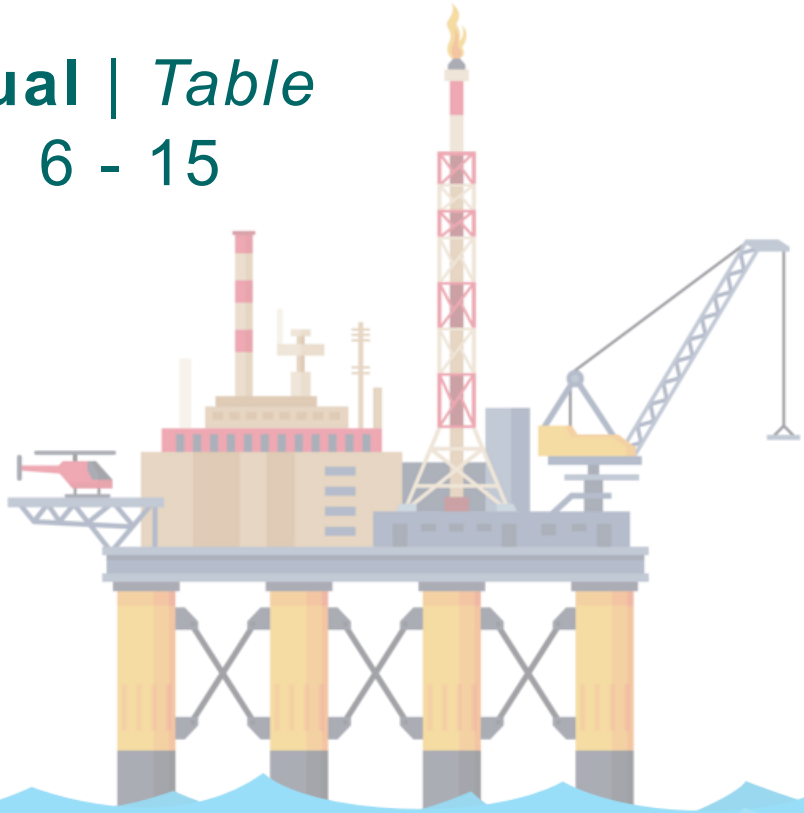

6a Nilai Eksport Petroleum Mentah & Kondensat, Keluaran Petroleum Bertapis dan Gas Asli Cecair - Tahunan

Export Value of Crude Petroleum & Condensate, Refined Petroleum Products and Liquefied Natural Gas - Annually

Keterangan *Description*	2018	2019	2020	2021	2022[f]	2023[p]
(A) Nilai (RM Juta) *Value (RM Million)*						
Petroleum Mentah dan Kondensat *Crude Petroleum and Condensate*	38,183	29,118	19,744	20,054	35,225	31,943
Keluaran Petroleum Bertapis *Refined Petroleum Products*	65,649	61,803	53,729	86,160	149,836	133,871
Gas Asli Cecair *Liquefied Natural Gas*	42,322	42,484	29,868	38,193	68,002	59,602
(B) Perubahan Peratusan Tahunan *Annual Percentage Change*						
Petroleum Mentah dan Kondensat *Crude Petroleum and Condensate*	27.7	-23.7	-32.2	1.6	75.6	-9.3
Keluaran Petroleum Bertapis *Refined Petroleum Products*	15.3	-5.9	-13.1	60.4	73.9	-10.7
Gas Asli Cecair *Liquefied Natural Gas*	4.6	0.4	-29.7	27.9	78.1	-12.4

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[f]				2023[p]				2024
	I	II	III	IV	I	II	III	IV	I
(A) Nilai (RM Juta) *Value (RM Million)*									
Petroleum Mentah dan Kondensat *Crude Petroleum and Condensate*	7,517	9,695	10,142	7,872	8,311	6,466	7,820	9,346	9,141
Keluaran Petroleum Bertapis *Refined Petroleum Products*	20,580	36,300	53,465	39,492	33,861	35,284	30,980	33,745	33,613
Gas Asli Cecair *Liquefied Natural Gas*	13,257	15,574	19,079	20,092	17,759	12,756	12,500	16,587	18,509
(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*	59.8	78.5	97.4	64.6	10.6	-33.3	-22.9	18.7	10.0
Keluaran Petroleum Bertapis *Refined Petroleum Products*	45.5	60.3	114.6	61.5	64.5	-2.8	-42.1	-14.6	-0.7
Gas Asli Cecair *Liquefied Natural Gas*	62.8	83.2	97.5	69.0	34.0	-18.1	-34.5	-17.4	4.2
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya *Percentage Change from Preceding Quarter*									
Petroleum Mentah dan Kondensat *Crude Petroleum and Condensate*	57.2	29.0	4.6	-22.4	5.6	-22.2	20.9	19.5	-2.2
Keluaran Petroleum Bertapis *Refined Petroleum Products*	-15.9	76.4	47.3	-26.1	-14.3	4.2	-12.2	8.9	-0.4
Gas Asli Cecair *Liquefied Natural Gas*	11.5	17.5	22.5	5.3	-11.6	-28.2	-2.0	32.7	11.6

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

Nota / *Notes* **:**

[p] **Awalan /** *Preliminary*

[f] **Muktamad /** *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 *Description*	2018	2019	2020	2021	2022[f]	2023[p]
(A) Volum ('000 Tan Metrik) *Volume ('000 Metric Tonnes)*						
Petroleum Mentah dan Kondensat *Crude Petroleum and Condensate*	17,139	13,746	13,685	9,590	9,852	10,368
Keluaran Petroleum Bertapis *Refined Petroleum Products*	29,486	28,134	34,682	37,906	41,764	41,785
Gas Asli Cecair *Liquefied Natural Gas*	23,955	25,498	24,083	24,697	27,316	26,985
(B) Perubahan Peratusan Tahunan *Annual Percentage Change*						
Petroleum Mentah dan Kondensat *Crude Petroleum and Condensate*	3.5	-19.8	-0.4	-29.9	2.7	5.2
Keluaran Petroleum Bertapis *Refined Petroleum Products*	-	-4.6	23.3	9.3	10.2	0.1
Gas Asli Cecair *Liquefied Natural Gas*	-11.5	6.4	-5.5	2.5	10.6	-1.2

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[f]				2023[p]				2024
	I	II	III	IV	I	II	III	IV	I
(A) Volum ('000 Tan Metrik) *Volume ('000 Metric Tonnes)*									
Petroleum Mentah dan Kondensat *Crude Petroleum and Condensate*	2,533	2,583	2,536	2,200	2,703	2,213	2,690	2,761	2,980
Keluaran Petroleum Bertapis *Refined Petroleum Products*	6,499	9,613	14,255	11,397	10,622	11,762	9,470	9,930	10,291
Gas Asli Cecair *Liquefied Natural Gas*	6,888	6,717	6,746	6,965	7,385	6,049	6,061	7,490	8,021
(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*	-11.1	-0.8	13.2	16.0	6.7	-14.3	6.1	25.5	10.3
Keluaran Petroleum Bertapis *Refined Petroleum Products*	-16.9	-8.2	32.7	28.5	63.5	22.4	-33.6	-12.9	-3.1
Gas Asli Cecair *Liquefied Natural Gas*	2.7	9.6	19.0	12.4	7.2	-10.0	-10.2	7.5	8.6
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya *Percentage Change from Preceding Quarter*									
Petroleum Mentah dan Kondensat *Crude Petroleum and Condensate*	33.6	2.0	-1.8	-13.2	22.9	-18.1	21.6	2.6	8.0
Keluaran Petroleum Bertapis *Refined Petroleum Products*	-26.7	47.9	48.3	-20.1	-6.8	10.7	-19.5	4.9	3.6
Gas Asli Cecair *Liquefied Natural Gas*	11.1	-2.5	0.4	3.3	6.0	-18.1	0.2	23.6	7.1

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[f]	2023[p]
(A) Nilai (RM Juta) *Value (RM Million)*						
Australia	11,397	7,208	5,179	5,845	8,431	6,242
Bangladesh	-	-	-	-	253	493
Brunei Darussalam	14	15	334	1,901	4,818	3,860
China	704	224	1,033	390	241	597
Hong Kong	-	-	-	-	-	137
India	7,960	6,604	3,832	2,723	5,291	2,078
Indonesia	1,699	660	506	375	48	299
Italy	98	-	-	-	-	-
Japan	1,189	1,071	2,036	2,494	4,622	6,177
Korea, Republic Of	83	416	1,019	12	290	429
New Zealand	1,893	1,723	908	472	-	-
Nigeria	-	-	23	-	-	-
Papua New Guinea	187	-	38	68	-	253
Philippines	988	752	221	602	740	603
Saudi Arabia	-	103	-	-	-	-
Singapore	4,058	4,298	1,540	1,174	2,013	1,859
Taiwan, Province Of China	-	-	-	-	-	87
Thailand	6,105	5,810	3,055	3,998	7,919	8,600
United States	90	-	-	-	-	-
Viet Nam	184	233	20	-	558	231
Other countries	-	-	-	-	0	-
Jumlah / *Total*	**36,649**	**29,118**	**19,744**	**20,054**	**35,225**	**31,943**
(B) Peratusan Sumbangan *Percentage Share*						
Australia	31.1	24.8	26.2	29.1	23.9	19.5
Bangladesh	-	-	-	-	0.7	1.5
Brunei Darussalam	0.0	0.1	1.7	9.5	13.7	12.1
China	1.9	0.8	5.2	1.9	0.7	1.9
Hong Kong	-	-	-	-	-	0.4
India	21.7	22.7	19.4	13.6	15.0	6.5
Indonesia	4.6	2.3	2.6	1.9	0.1	0.9
Italy	0.3	-	-	-	-	-
Japan	3.2	3.7	10.3	12.4	13.1	19.3
Korea, Republic Of	0.2	1.4	5.2	0.1	0.8	1.3
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
Saudi Arabia	-	0.4	-	-	-	-
Singapore	11.1	14.8	7.8	5.9	5.7	5.8
Taiwan, Province Of China	-	-	-	-	-	0.3
Thailand	16.7	20.0	15.5	19.9	22.5	26.9
United States	0.2	-	-	-	-	-
Viet Nam	0.5	0.8	0.1	-	1.6	0.7
Other countries	-	-	-	-	0.0	-
Jumlah / *Total*	**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[f]				2023[p]				2024
	I	II	III	IV	I	II	III	IV	I
(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
Bangladesh	-	-	253	-	135	199	24	136	75
Brunei Darussalam	632	1,107	1,992	1,088	768	598	969	1,525	868
China	-	146	-	95	255	122	-	220	281
Hong Kong	-	-	-	-	-	-	-	137	-
India	1,375	1,439	1,448	1,029	501	622	595	361	1,312
Indonesia	48	-	-	-	-	-	-	299	290
Italy	-	-	-	-	-	-	-	-	-
Japan	1,115	422	1,495	1,589	1,605	1,654	1,825	1,093	2,393
Korea, Republic Of	-	290	-	-	-	112	115	203	-
New Zealand	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	253	-
Philippines	482	259	-	-	366	109	-	128	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
Singapore	96	701	900	316	283	432	347	796	236
Taiwan, Province Of China	-	-	-	-	-	-	87	-	-
Thailand	2,004	2,364	1,791	1,761	2,338	1,507	2,293	2,462	2,415
United States	-	-	-	-	-	-	-	-	-
Viet Nam	160	276	76	46	17	-	132	83	-
Other countries	-	0	-	-	-	-	-	-	-
Jumlah / *Total*	**7,517**	**9,695**	**10,142**	**7,872**	**8,311**	**6,466**	**7,820**	**9,346**	**9,141**
(B) Peratusan Sumbangan *Percentage Share*									
Australia	21.3	27.8	21.6	24.7	24.6	17.2	18.3	17.7	13.9
Bangladesh	-	-	2.5	-	1.6	3.1	0.3	1.5	0.8
Brunei Darussalam	8.4	11.4	19.6	13.8	9.2	9.2	12.4	16.3	9.5
China	-	1.5	-	1.2	3.1	1.9	-	2.4	3.1
Hong Kong	-	-	-	-	-	-	-	1.5	-
India	18.3	14.8	14.3	13.1	6.0	9.6	7.6	3.9	14.4
Indonesia	0.6	-	-	-	-	-	-	3.2	3.2
Italy	-	-	-	-	-	-	-	-	-
Japan	14.8	4.4	14.7	20.2	19.3	25.6	23.3	11.7	26.2
Korea, Republic Of	-	3.0	-	-	-	1.7	1.5	2.2	-
New Zealand	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	2.7	-
Philippines	6.4	2.7	-	-	4.4	1.7	-	1.4	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
Singapore	1.3	7.2	8.9	4.0	3.4	6.7	4.4	8.5	2.6
Taiwan, Province Of China					-	-	1.1	-	-
Thailand	26.7	24.4	17.7	22.4	28.1	23.3	29.3	26.3	26.4
United States	-	-	-	-	-	-	-	-	-
Viet Nam	2.1	2.9	0.7	0.6	0.2	-	1.7	0.9	-
Other countries	-	0.0	-	-	-	-	-	-	-
Jumlah / *Total*	**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[f]	2023[p]
(A) Nilai (RM Juta) *Value (RM Million)*						
Australia	4,414	4,599	3,936	8,886	15,065	21,521
Bangladesh	4,016	5,261	1,545	5,331	11,391	5,227
Cambodia	219	896	253	372	592	488
China	5,695	5,084	6,417	6,328	3,335	3,134
Indonesia	4,887	4,740	4,941	13,259	24,787	18,939
Japan	766	705	756	1,004	1,947	532
Korea, Republic Of	2,494	725	1,265	2,186	4,037	7,850
Mexico	194	78	6	30	598	1,852
Myanmar	561	169	404	943	2,911	1,925
New Zealand	49	122	72	88	2,491	3,798
Oman	78	57	0	376	346	521
Pakistan	119	377	340	617	161	193
Philippines	1,404	1,829	1,602	2,510	3,705	5,298
Singapore	19,022	16,844	18,082	19,679	33,302	29,271
South Africa	865	682	277	696	3,749	2,020
Sri Lanka	832	1,909	820	909	1,720	1,676
Taiwan, Province Of China	1,918	824	1,059	1,828	3,483	2,190
Thailand	1,679	1,705	699	586	1,603	1,333
United Arab Emirates	831	373	499	647	2,404	514
Viet Nam	8,750	6,103	3,684	5,290	5,754	7,478
Other countries	6,854	8,721	7,074	14,595	26,456	18,112
Jumlah / *Total*	**65,649**	**61,803**	**53,729**	**86,160**	**149,836**	**133,871**
(B) Peratusan Sumbangan *Percentage Share*						
Australia	6.7	7.4	7.3	10.3	10.1	16.1
Bangladesh	6.1	8.5	2.9	6.2	7.6	3.9
Cambodia	0.3	1.5	0.5	0.4	0.4	0.4
China	8.7	8.2	11.9	7.3	2.2	2.3
Indonesia	7.4	7.7	9.2	15.4	16.5	14.1
Japan	1.2	1.1	1.4	1.2	1.3	0.4
Korea, Republic Of	3.8	1.2	2.4	2.5	2.7	5.9
Mexico	0.3	0.1	0.0	0.0	0.4	1.4
Myanmar	0.9	0.3	0.8	1.1	1.9	1.4
New Zealand	0.1	0.2	0.1	0.1	1.7	2.8
Oman	0.1	0.1	0.0	0.4	0.2	0.4
Pakistan	0.2	0.6	0.6	0.7	0.1	0.1
Philippines	2.1	3.0	3.0	2.9	2.5	4.0
Singapore	29.0	27.3	33.7	22.8	22.2	21.9
South Africa	1.3	1.1	0.5	0.8	2.5	1.5
Sri Lanka	1.3	3.1	1.5	1.1	1.1	1.3
Taiwan, Province Of China	2.9	1.3	2.0	2.1	2.3	1.6
Thailand	2.6	2.8	1.3	0.7	1.1	1.0
United Arab Emirates	1.3	0.6	0.9	0.8	1.6	0.4
Viet Nam	13.3	9.9	6.9	6.1	3.8	5.6
Other countries	10.4	14.1	13.2	16.9	17.7	13.5
Jumlah / *Total*	**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[f]				2023[p]				2024
	I	II	III	IV	I	II	III	IV	I
(A) Nilai (RM Juta) *Value (RM Million)*									
Australia	1,778	4,043	4,169	5,075	4,572	7,400	5,212	4,336	5,036
Bangladesh	1,540	4,328	3,752	1,771	1,232	692	2,560	743	2,162
Cambodia	171	56	242	122	255	174	53	5	369
China	1,085	1,006	628	616	395	615	1,264	860	844
Indonesia	3,959	5,905	9,539	5,384	4,578	5,071	4,218	5,072	6,278
Japan	39	755	1,040	113	187	45	238	63	197
Korea, Republic Of	981	1,063	1,357	637	898	3,410	1,748	1,794	631
Mexico	-	394	203	1	807	410	272	363	222
Myanmar	413	636	1,599	263	809	546	272	297	636
New Zealand	11	1,065	477	938	1,238	1,450	795	315	819
Oman	-	25	321	0	0	-	317	203	288
Pakistan	2	150	8	1	1	4	1	188	363
Philippines	500	1,022	1,367	816	645	1,224	1,807	1,623	1,101
Singapore	5,144	6,670	11,749	9,739	8,670	7,018	5,742	7,841	7,444
South Africa	441	902	1,421	986	800	214	198	808	221
Sri Lanka	203	95	1,115	306	414	514	473	274	426
Taiwan, Province Of China	955	1,046	874	608	603	827	512	248	331
Thailand	283	153	163	1,005	476	96	169	592	283
United Arab Emirates	68	271	1,669	396	158	152	104	100	385
Viet Nam	1,342	1,007	1,249	2,157	1,555	1,677	1,629	2,617	3,357
Other countries	1,665	5,710	10,523	8,557	5,568	3,745	3,393	5,404	2,219
Jumlah / *Total*	**20,580**	**36,300**	**53,465**	**39,492**	**33,861**	**35,284**	**30,980**	**33,745**	**33,613**
(B) Peratusan Sumbangan *Percentage Share*									
Australia	8.6	11.1	7.8	12.9	13.5	21.0	16.8	12.8	15.0
Bangladesh	7.5	11.9	7.0	4.5	3.6	2.0	8.3	2.2	6.4
Cambodia	0.8	0.2	0.5	0.3	0.8	0.5	0.2	0.0	1.1
China	5.3	2.8	1.2	1.6	1.2	1.7	4.1	2.5	2.5
Indonesia	19.2	16.3	17.8	13.6	13.5	14.4	13.6	15.0	18.7
Japan	0.2	2.1	1.9	0.3	0.6	0.1	0.8	0.2	0.6
Korea, Republic Of	4.8	2.9	2.5	1.6	2.7	9.7	5.6	5.3	1.9
Mexico	-	1.1	0.4	0.0	2.4	1.2	0.9	1.1	0.7
Myanmar	2.0	1.8	3.0	0.7	2.4	1.5	0.9	0.9	1.9
New Zealand	0.1	2.9	0.9	2.4	3.7	4.1	2.6	0.9	2.4
Oman	-	0.1	0.6	0.0	0.0	-	1.0	0.6	0.9
Pakistan	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.6	1.1
Philippines	2.4	2.8	2.6	2.1	1.9	3.5	5.8	4.8	3.3
Singapore	25.0	18.4	22.0	24.7	25.6	19.9	18.5	23.2	22.1
South Africa	2.1	2.5	2.7	2.5	2.4	0.6	0.6	2.4	0.7
Sri Lanka	1.0	0.3	2.1	0.8	1.2	1.5	1.5	0.8	1.3
Taiwan, Province Of China	4.6	2.9	1.6	1.5	1.8	2.3	1.7	0.7	1.0
Thailand	1.4	0.4	0.3	2.5	1.4	0.3	0.5	1.8	0.8
United Arab Emirates	0.3	0.7	3.1	1.0	0.5	0.4	0.3	0.3	1.1
Viet Nam	6.5	2.8	2.3	5.5	4.6	4.8	5.3	7.8	10.0
Other countries	8.1	15.7	19.7	21.7	16.4	10.6	11.0	16.0	6.6
Jumlah / *Total*	**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[f]	2023[p]
(A) Nilai (RM Juta) *Value (RM Million)*						
Australia	-	-	-	11	10	13
Bangladesh	806	129	124	-	-	128
China	8,874	10,265	6,812	12,929	18,053	15,442
Croatia	-	-	-	1	-	-
India	335	365	-	90	488	-
Italy	-	-	-	7	-	33
Japan	20,781	16,804	14,070	16,413	30,566	25,696
Korea, Republic Of	5,780	7,767	6,207	6,150	12,480	13,326
Kuwait	-	-	-	-	-	135
Mozambique	-	-	-	4	-	6
Myanmar	-	-	252	303	32	-
Nigeria	-	-	-	-	-	-
Pakistan	119	89	37	-	-	-
Philippines	-	-	-	-	-	139
Qatar	-	2	-	5	-	-
Saudi Arabia	-	-	-	1	-	-
Singapore	-	-	-	101	697	132
Taiwan, Province Of China	5,627	4,869	932	529	1,214	1,181
Thailand	-	2,194	1,434	1,648	4,461	3,369
Trinidad and Tobago	-	-	-	-	1	-
Other countries	0	-	0	1	-	-
Jumlah / *Total*	**42,322**	**42,484**	**29,868**	**38,193**	**68,002**	**59,602**
(B) Peratusan Sumbangan *Percentage Share*						
Australia	-	-	-	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	25.9
Croatia	-	-	-	0.0	-	-
India	0.8	0.9	-	0.2	0.7	-
Italy	-	-	-	0.0	-	0.1
Japan	49.1	39.6	47.1	43.0	44.9	43.1
Korea, Republic Of	13.7	18.3	20.8	16.1	18.4	22.4
Kuwait	-	-	-	-	-	0.2
Mozambique	-	-	-	0.0	-	0.0
Myanmar	-	-	0.8	0.8	0.0	-
Nigeria	-	-	-	-	-	-
Pakistan	0.3	0.2	0.1	-	-	-
Philippines	-	-	-	-	-	0.2
Qatar	-	0.0	-	0.0	-	-
Saudi Arabia	-	-	-	0.0	-	-
Singapore	-	-	-	0.3	1.0	0.2
Taiwan, Province Of China	13.3	11.5	3.1	1.4	1.8	2.0
Thailand	-	5.2	4.8	4.3	6.6	5.7
Trinidad and Tobago	-	-	-	-	0.0	-
Other countries	0.0	-	0.0	0.0	-	-
Jumlah / *Total*	**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*

10b 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[f]				2023[p]				2024
	I	II	III	IV	I	II	III	IV	I
(A) Nilai (RM Juta) *Value (RM Million)*									
Australia	-	-	10	-	-	-	4	9	6
Bangladesh	-	-	-	-	-	128	-	-	-
China	3,702	3,743	5,546	5,062	4,213	3,531	3,496	4,202	4,666
Croatia	-	-	-	-	-	-	-	-	-
India	122	367	-	-	-	-	-	-	-
Italy	-	-	-	-	22	-	-	11	-
Japan	6,012	7,339	8,860	8,356	8,369	5,492	4,943	6,894	8,236
Korea, Republic Of	2,801	2,040	3,271	4,369	4,474	2,324	2,397	4,131	4,067
Kuwait	-	-	-	-	-	-	135	-	-
Mozambique	-	-	-	-	-	-	-	6	-
Myanmar	-	-	32	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	5
Pakistan	-	-	-	-	-	-	-	-	-
Philippines	-	-	-	-	-	-	-	139	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
Singapore	-	374	-	323	-	132	-	-	9
Taiwan, Province Of China	-	254	354	606	135	131	557	358	448
Thailand	621	1,458	1,007	1,375	546	1,017	968	838	1,073
Trinidad and Tobago	-	-	-	1	-	-	-	-	-
Other countries	-	-	-	-	-	-	-	-	-
Jumlah / *Total*	**13,257**	**15,574**	**19,079**	**20,092**	**17,759**	**12,756**	**12,500**	**16,587**	**18,509**
(B) Peratusan Sumbangan *Percentage Share*									
Australia	-	-	0.1	-	-	-	0.0	0.1	0.0
Bangladesh	-	-	-	-	-	1.0	-	-	-
China	27.9	24.0	29.1	25.2	23.7	27.7	28.0	25.3	25.2
Croatia	-	-	-	-	-	-	-	-	-
India	0.9	2.4	-	-	-	-	-	-	-
Italy	-	-	-	-	0.1	-	-	0.1	-
Japan	45.4	47.1	46.4	41.6	47.1	43.1	39.5	41.6	44.5
Korea, Republic Of	21.1	13.1	17.1	21.7	25.2	18.2	19.2	24.9	22.0
Kuwait	-	-	-	-	-	-	1.1	-	-
Mozambique	-	-	-	-	-	-	-	0.0	-
Myanmar	-	-	0.2	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	0.0
Pakistan	-	-	-	-	-	-	-	-	-
Philippines	-	-	-	-	-	-	-	0.8	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
Singapore	-	2.4	-	1.6	-	1.0	-	-	0.0
Taiwan, Province Of China	-	1.6	1.9	3.0	0.8	1.0	4.5	2.2	2.4
Thailand	4.7	9.4	5.3	6.8	3.1	8.0	7.7	5.0	5.8
Trinidad and Tobago	-	-	-	0.0	-	-	-	-	-
Other countries	-	-	-	-	-	-	-	-	-
Jumlah / *Total*	**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 *Description*	2018	2019	2020	2021	2022[f]	2023[p]
(A) Nilai (RM Juta) *Value (RM Million)*						
Petroleum Mentah dan Kondensat *Crude Petroleum and Condensate*	23,085	26,818	19,340	14,408	53,783	61,686
Keluaran Petroleum Bertapis *Refined Petroleum Products*	81,482	72,526	56,240	82,911	136,762	130,253
Gas Asli Cecair *Liquefied Natural Gas*	2,734	5,480	4,904	1,462	9,591	6,995
(B) Perubahan Peratusan Tahunan *Annual Percentage Change*						
Petroleum Mentah dan Kondensat *Crude Petroleum and Condensate*	35.9	16.2	-27.9	-25.5	273.3	14.7
Keluaran Petroleum Bertapis *Refined Petroleum Products*	13.6	-11.0	-22.5	47.4	65.0	-4.8
Gas Asli Cecair *Liquefied Natural Gas*	5.2	100.5	-10.5	-70.2	555.9	-27.1

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[f]				2023[p]				2024
	I	II	III	IV	I	II	III	IV	I
(A) Nilai (RM Juta) *Value (RM Million)*									
Petroleum Mentah dan Kondensat *Crude Petroleum and Condensate*	8,983	11,118	17,769	15,913	14,230	16,842	12,469	18,145	15,653
Keluaran Petroleum Bertapis *Refined Petroleum Products*	22,415	35,637	45,437	33,273	30,900	33,327	30,638	35,389	37,533
Gas Asli Cecair *Liquefied Natural Gas*	1,280	1,929	3,680	2,702	1,892	1,832	1,571	1,701	2,758
(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	58.4	51.5	-29.8	14.0	10.0
Keluaran Petroleum Bertapis *Refined Petroleum Products*	36.8	57.3	127.9	39.0	37.9	-6.5	-32.6	6.4	21.5
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
(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	-10.6	18.3	-26.0	45.5	-13.7
Keluaran Petroleum Bertapis *Refined Petroleum Products*	-6.3	59.0	27.5	-26.8	-7.1	7.9	-8.1	15.5	6.1
Gas Asli Cecair *Liquefied Natural Gas*	583.6	50.8	90.8	-26.6	-30.0	-3.2	-14.2	8.3	62.2

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 *Description*	2018	2019	2020	2021	2022[f]	2023[p]
(A) Nilai (RM Juta) *Value (RM Million)*						
Petroleum Mentah dan Kondensat *Crude Petroleum and Condensate*	10,476	13,429	12,405	6,540	15,681	21,066
Keluaran Petroleum Bertapis *Refined Petroleum Products*	34,939	31,267	37,239	35,504	35,936	38,417
Gas Asli Cecair *Liquefied Natural Gas*	1,211	2,466	2,637	852	2,901	2,165
(B) Perubahan Peratusan Tahunan *Annual Percentage Change*						
Petroleum Mentah dan Kondensat *Crude Petroleum and Condensate*	0.9	28.2	-7.6	-47.3	139.8	34.3
Keluaran Petroleum Bertapis *Refined Petroleum Products*	-4.1	-10.5	19.1	-4.7	1.2	6.9
Gas Asli Cecair *Liquefied Natural Gas*	-14.1	103.7	6.9	-67.7	240.4	-25.4

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[f]				2023[p]				2024
	I	II	III	IV	I	II	III	IV	I
(A) Nilai (RM Juta) *Value (RM Million)*									
Petroleum Mentah dan Kondensat *Crude Petroleum and Condensate*	3,170	3,000	4,711	4,800	5,065	5,969	4,330	5,701	5,303
Keluaran Petroleum Bertapis *Refined Petroleum Products*	7,117	8,610	11,035	9,174	9,115	10,158	9,151	9,994	10,962
Gas Asli Cecair *Liquefied Natural Gas*	481	667	1,062	691	529	580	499	556	802
(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*	132.2	45.6	125.9	366.5	59.8	99.0	-8.1	18.8	4.7
Keluaran Petroleum Bertapis *Refined Petroleum Products*	-21.7	-13.4	35.8	9.9	28.1	18.0	-17.1	8.9	20.3
Gas Asli Cecair *Liquefied Natural Gas*	32.1	122.9	874.4	763.6	10.1	-13.1	-53.0	-19.5	51.5
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya *Percentage Change from Preceding Quarter*									
Petroleum Mentah dan Kondensat *Crude Petroleum and Condensate*	208.1	-5.4	57.0	1.9	5.5	17.8	-27.5	31.7	-7.0
Keluaran Petroleum Bertapis *Refined Petroleum Products*	-14.8	21.0	28.2	-16.9	-0.6	11.4	-9.9	9.2	9.7
Gas Asli Cecair *Liquefied Natural Gas*	501.1	38.7	59.2	-34.9	-23.4	9.5	-13.9	11.5	44.1

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[f]	2022[p]	2023[p]
(A) Nilai (RM Juta) *Value (RM Million)*						
Australia	937	2,144	1,271	660	1,255	1,368
Brazil	135	69	543	735	724	852
Brunei Darussalam	714	41	0	308	355	675
Cameroon	-	-	-	-	-	868
Chad	-	-	-	-	-	398
Congo	86	546	-	255	944	387
Gabon	207	713	147	788	1,446	1,801
Indonesia	1,395	242	68	292	163	169
Kuwait	789	298	216	309	2,616	1,790
Libya	2,064	1,214	1	123	160	257
Nigeria	400	100	97	88	-	189
Oman	582	144	638	479	487	1,063
Qatar	716	454	-	328	1,513	865
Russian Federation	1,108	1,679	650	1,542	872	-
Saudi Arabia	7,047	9,300	8,187	2,995	28,272	33,010
Sudan	-	-	-	463	726	2,133
Thailand	-	153	490	228	1,492	877
United Arab Emirates	1,164	4,251	1,532	1,556	8,593	10,414
United States	953	221	1,639	-	622	2,828
Viet Nam	167	872	897	422	564	-
Other countries	4,623	4,377	2,964	2,837	2,979	1,743
Jumlah / Total	**23,085**	**26,818**	**19,340**	**14,408**	**53,783**	**61,686**
(B) Peratusan Sumbangan *Percentage Share*						
Australia	4.1	8.0	6.6	4.6	2.3	2.2
Brazil	0.6	0.3	2.8	5.1	1.3	1.4
Brunei Darussalam	3.1	0.2	0.0	2.1	0.7	1.1
Cameroon	-	-	-	-	-	1.4
Chad	-	-	-	-	-	0.6
Congo	0.4	2.0	-	1.8	1.8	0.6
Gabon	0.9	2.7	0.8	5.5	2.7	2.9
Indonesia	6.0	0.9	0.4	2.0	0.3	0.3
Kuwait	3.4	1.1	1.1	2.1	4.9	2.9
Libya	8.9	4.5	0.0	0.9	0.3	0.4
Nigeria	1.7	0.4	0.5	0.6	-	0.3
Oman	2.5	0.5	3.3	3.3	0.9	1.7
Qatar	3.1	1.7	-	2.3	2.8	1.4
Russian Federation	4.8	6.3	3.4	10.7	1.6	-
Saudi Arabia	30.5	34.7	42.3	20.8	52.6	53.5
Sudan	-	-	-	3.2	1.3	3.5
Thailand	-	0.6	2.5	1.6	2.8	1.4
United Arab Emirates	5.0	15.8	7.9	10.8	16.0	16.9
United States	4.1	0.8	8.5	-	1.2	4.6
Viet Nam	0.7	3.3	4.6	2.9	1.0	-
Other countries	20.0	16.3	15.3	19.7	5.5	2.8
Jumlah / *Total*	**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[f]				2023[p]				2024
	I	II	III	IV	I	II	III	IV	I
(A) Nilai (RM Juta) *Value (RM Million)*									
Australia	44	103	735	372	960	146	160	102	43
Brazil	132	214	172	206	202	216	110	323	490
Brunei Darussalam	292	3	46	15	26	255	385	8	1
Cameroon	-	-	-	-	-	396	-	473	655
Chad	-	-	-	-	-	-	-	398	-
Congo	493	-	450	-	-	387	-	-	279
Gabon	370	501	574	-	298	-	555	948	788
Indonesia	-	-	-	163	169	-	-	-	-
Kuwait	358	231	745	1,282	612	642	219	317	223
Libya	-	-	-	160	-	-	-	257	-
Nigeria	-	-	-	-	-	-	-	189	47
Oman	-	228	87	172	348	185	247	283	-
Qatar	559	694	260	-	-	406	-	459	664
Russian Federation	589	-	-	283	-	-	-	-	222
Saudi Arabia	3,003	5,399	10,075	9,796	7,518	9,510	6,718	9,264	7,122
Sudan	-	-	158	568	478	431	630	593	251
Thailand	349	475	443	224	101	470	165	141	376
United Arab Emirates	1,537	2,360	2,631	2,065	2,436	2,276	2,270	3,432	3,692
United States	-	0	622	-	813	316	742	956	665
Viet Nam	232	332	-	-	-	-	-	-	137
Other countries	1,024	577	771	607	269	1,206	268	0	-
Jumlah / *Total*	**8,983**	**11,118**	**17,769**	**15,913**	**14,230**	**16,842**	**12,469**	**18,145**	**15,653**
(B) Peratusan Sumbangan *Percentage Share*									
Australia	0.5	0.9	4.1	2.3	6.7	0.9	1.3	0.6	0.3
Brazil	1.5	1.9	1.0	1.3	1.4	1.3	0.9	1.8	3.1
Brunei Darussalam	3.2	0.0	0.3	0.1	0.2	1.5	3.1	0.0	0.0
Cameroon	-	-	-	-	-	2.3	-	2.6	4.2
Chad	-	-	-	-	-	-	-	2.2	-
Congo	5.5	-	2.5	-	-	2.3	-	-	1.8
Gabon	4.1	4.5	3.2	-	2.1	-	4.5	5.2	5.0
Indonesia	-	-	-	1.0	1.2	-	-	-	-
Kuwait	4.0	2.1	4.2	8.1	4.3	3.8	1.8	1.7	1.4
Libya	-	-	-	1.0	-	-	-	1.4	-
Nigeria	-	-	-	-	-	-	-	1.0	0.3
Oman	-	2.0	0.5	1.1	2.4	1.1	2.0	1.6	-
Qatar	6.2	6.2	1.5	-	-	2.4	-	2.5	4.2
Russian Federation	6.6	-	-	1.8	-	-	-	-	1.4
Saudi Arabia	33.4	48.6	56.7	61.6	52.8	56.5	53.9	51.1	45.5
Sudan	-	-	0.9	3.6	3.4	2.6	5.1	3.3	1.6
Thailand	3.9	4.3	2.5	1.4	0.7	2.8	1.3	0.8	2.4
United Arab Emirates	17.1	21.2	14.8	13.0	17.1	13.5	18.2	18.9	23.6
United States	-	0.0	3.5	-	5.7	1.9	6.0	5.3	4.2
Viet Nam	2.6	3.0	-	-	-	-	-	-	0.9
Other countries	11.4	5.2	4.3	3.8	1.9	7.2	2.1	0.0	-
Jumlah / *Total*	**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[f]**	**2023[p]**
(A) Nilai (RM Juta) *Value (RM Million)*						
Australia	261	444	312	431	411	1,801
Brunei Darussalam	14	138	558	1,226	1,905	823
China	7,148	9,993	7,442	12,137	17,656	19,197
Greece	0	0	16	98	395	1,265
India	9,705	5,296	4,982	6,182	7,572	6,567
Indonesia	1,178	1,601	2,201	2,591	4,395	3,540
Japan	1,437	1,504	1,273	2,186	3,600	2,289
Korea, Republic Of	5,763	6,813	5,923	10,878	16,301	15,218
Oman	13	264	468	1,759	2,967	350
Philippines	255	185	288	258	537	365
Qatar	667	576	411	55	689	1,192
Russian Federation	1,339	691	843	720	4,677	7,440
Saudi Arabia	3,322	2,440	2,535	3,328	3,479	5,570
Singapore	37,210	28,278	16,487	24,948	49,163	42,619
Taiwan, Province Of China	1,703	2,109	924	4,546	8,047	6,273
Thailand	1,561	1,986	869	1,568	2,174	2,406
Turkiye	0	0	251	93	511	201
United Arab Emirates	4,291	5,405	4,454	3,989	6,132	7,933
United States	688	353	157	74	107	237
Viet Nam	189	106	198	673	54	76
Other countries	4,736	4,345	5,648	5,169	5,991	4,892
Jumlah / *Total*	**81,482**	**72,526**	**56,240**	**82,911**	**136,762**	**130,253**
(B) Peratusan Sumbangan *Percentage Share*						
Australia	0.3	0.6	0.6	0.5	0.3	1.4
Brunei Darussalam	0.0	0.2	1.0	1.5	1.4	0.6
China	8.8	13.8	13.2	14.6	12.9	14.7
Greece	0.0	0.0	0.0	0.1	0.3	1.0
India	11.9	7.3	8.9	7.5	5.5	5.0
Indonesia	1.4	2.2	3.9	3.1	3.2	2.7
Japan	1.8	2.1	2.3	2.6	2.6	1.8
Korea, Republic Of	7.1	9.4	10.5	13.1	11.9	11.7
Oman	0.0	0.4	0.8	2.1	2.2	0.3
Philippines	0.3	0.3	0.5	0.3	0.4	0.3
Qatar	0.8	0.8	0.7	0.1	0.5	0.9
Russian Federation	1.6	1.0	1.5	0.9	3.4	5.7
Saudi Arabia	4.1	3.4	4.5	4.0	2.5	4.3
Singapore	45.7	39.0	29.3	30.1	35.9	32.7
Taiwan, Province Of China	2.1	2.9	1.6	5.5	5.9	4.8
Thailand	1.9	2.7	1.5	1.9	1.6	1.8
Turkiye	0.0	0.0	0.4	0.1	0.4	0.2
United Arab Emirates	5.3	7.5	7.9	4.8	4.5	6.1
United States	0.8	0.5	0.3	0.1	0.1	0.2
Viet Nam	0.2	0.1	0.4	0.8	0.0	0.1
Other countries	5.8	6.0	10.0	6.2	4.4	3.8
Jumlah / *Total*	**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[f]				2023[p]				2024
	I	II	III	IV	I	II	III	IV	I
(A) Nilai (RM Juta) *Value (RM Million)*									
Australia	45	30	277	58	73	408	693	625	346
Brunei Darussalam	186	434	849	436	293	43	214	274	515
China	2,799	3,936	4,790	6,130	7,333	3,726	4,273	3,865	4,391
Greece	0	0	394	0	74	758	433	0	221
India	2,238	1,761	2,683	889	635	2,498	1,652	1,782	3,940
Indonesia	846	540	1,389	1,620	664	770	913	1,192	1,296
Japan	619	584	1,362	1,035	1,139	1,057	17	76	910
Korea, Republic Of	2,681	5,076	4,680	3,864	3,979	3,851	3,202	4,187	4,200
Oman	552	1,073	978	365	91	-	10	250	292
Philippines	146	225	68	97	51	6	78	229	164
Qatar	4	248	337	101	146	528	21	496	228
Russian Federation	304	1,396	1,823	1,154	943	2,389	1,060	3,048	1,770
Saudi Arabia	667	688	1,357	767	1,194	1,487	1,298	1,591	1,245
Singapore	7,200	13,254	16,599	12,110	10,168	10,369	10,854	11,227	11,063
Taiwan, Province Of China	722	2,226	3,344	1,755	1,453	1,721	1,274	1,825	2,841
Thailand	214	511	1,098	352	404	227	644	1,130	505
Turkiye	0	0	0	510	0	101	0	99	362
United Arab Emirates	1,221	1,521	1,982	1,408	1,187	2,612	2,464	1,669	1,951
United States	15	20	36	36	21	63	26	127	235
Viet Nam	14	14	16	10	17	21	17	21	148
Other countries	1,942	2,099	1,375	575	1,033	690	1,494	1,674	909
Jumlah / *Total*	**22,415**	**35,637**	**45,437**	**33,273**	**30,900**	**33,327**	**30,638**	**35,389**	**37,533**
(B) Peratusan Sumbangan *Percentage Share*									
Australia	0.2	0.1	0.6	0.2	0.2	1.2	2.3	1.8	0.9
Brunei Darussalam	0.8	1.2	1.9	1.3	0.9	0.1	0.7	0.8	1.4
China	12.5	11.0	10.5	18.4	23.7	11.2	13.9	10.9	11.7
Greece	0.0	0.0	0.9	0.0	0.2	2.3	1.4	0.0	0.6
India	10.0	4.9	5.9	2.7	2.1	7.5	5.4	5.0	10.5
Indonesia	3.8	1.5	3.1	4.9	2.1	2.3	3.0	3.4	3.5
Japan	2.8	1.6	3.0	3.1	3.7	3.2	0.1	0.2	2.4
Korea, Republic Of	12.0	14.2	10.3	11.6	12.9	11.6	10.5	11.8	11.2
Oman	2.5	3.0	2.2	1.1	0.3	-	0.0	0.7	0.8
Philippines	0.7	0.6	0.2	0.3	0.2	0.0	0.3	0.6	0.4
Qatar	0.0	0.7	0.7	0.3	0.5	1.6	0.1	1.4	0.6
Russian Federation	1.4	3.9	4.0	3.5	3.1	7.2	3.5	8.6	4.7
Saudi Arabia	3.0	1.9	3.0	2.3	3.9	4.5	4.2	4.5	3.3
Singapore	32.1	37.2	36.5	36.4	32.9	31.1	35.4	31.7	29.5
Taiwan, Province Of China	3.2	6.2	7.4	5.3	4.7	5.2	4.2	5.2	7.6
Thailand	1.0	1.4	2.4	1.1	1.3	0.7	2.1	3.2	1.3
Turkiye	0.0	0.0	0.0	1.5	0.0	0.3	0.0	0.3	1.0
United Arab Emirates	5.4	4.3	4.4	4.2	3.8	7.8	8.0	4.7	5.2
United States	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.4	0.6
Viet Nam	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.4
Other countries	8.7	5.9	3.0	1.7	3.3	2.1	4.9	4.7	2.4
Jumlah / *Total*	**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[f]	2023[p]
(A) Nilai (RM Juta) *Value (RM Million)*						
Australia	1,924	3,587	3,612	1,222	6,804	6,330
Brunei Darussalam	810	1,618	1,131	166	2,741	665
Equatorial Guinea	-	74	-	-	-	-
Indonesia	-	-	-	-	46	-
Nigeria	-	60	79	74	-	-
Singapore	0.002	-	82	-	-	-
United States	-	140	-	-	0.02	-
Jumlah / *Total*	**2,734**	**5,480**	**4,904**	**1,462**	**9,591**	**6,995**
(B) Peratusan Sumbangan *Percentage Share*						
Australia	70.4	65.5	73.7	83.6	70.9	90.5
Brunei Darussalam	29.6	29.5	23.1	11.3	28.6	9.5
Equatorial Guinea	-	1.4	-	-	-	-
Indonesia	-	-	-	-	0.5	-
Nigeria	-	1.1	1.6	5.1	-	-
Singapore	0.0	-	1.7	-	-	-
United States	-	2.6	-	-	0.0	-
Jumlah / *Total*	**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[f]				2023[p]				2024
	I	II	III	IV	I	II	III	IV	I
(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
Brunei Darussalam	137	553	1,300	751	226	225	215	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	46	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
United States	-	-	0	-	-	-	-	-	0
Jumlah / *Total*	**1,280**	**1,929**	**3,680**	**2,702**	**1,892**	**1,832**	**1,571**	**1,701**	**2,758**
(B) Peratusan Sumbangan *Percentage Share*									
Australia	89.3	71.3	64.7	70.5	88.1	87.7	86.3	100.0	100.0
Brunei Darussalam	10.7	28.7	35.3	27.8	11.9	12.3	13.7	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	1.7	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
United States	-	-	0.0	-	-	-	-	-	0.0
Jumlah / *Total*	**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
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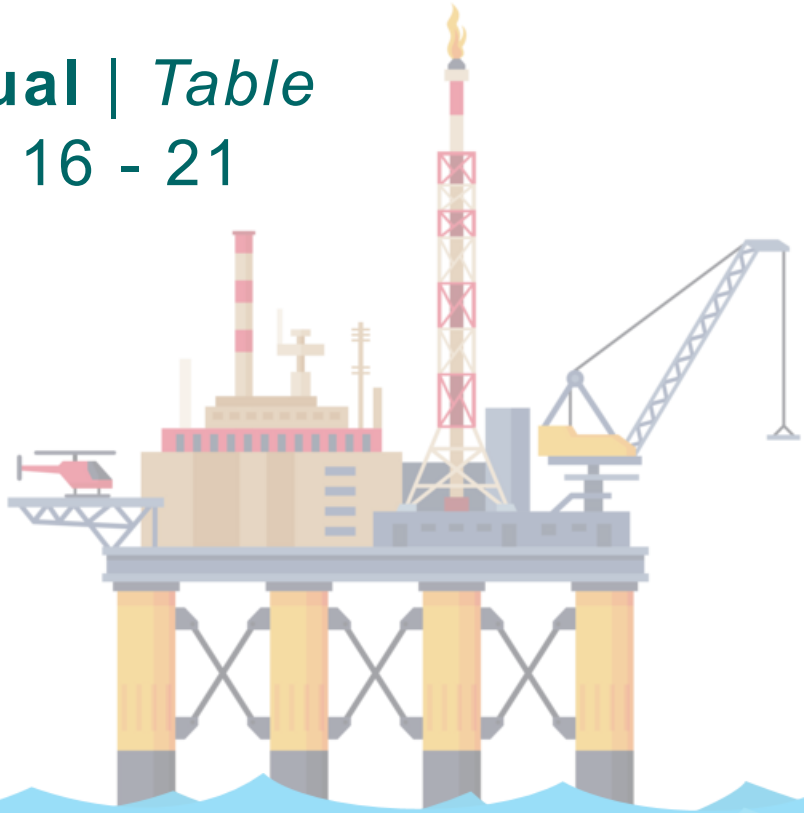

16a KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Semasa - Tahunan
GDP by Economic Activity at Current Prices - Annually

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

16b KDNK mengikut Jenis Aktiviti Ekonomi pada Harga Semasa - Suku Tahunan

GDP by Economic Activity at Current Prices - Quarterly

Keterangan / *Description*	2022[e] I	2022[e] II	2022[e] III	2022[e] IV	2023[p] I	2023[p] II	2023[p] III	2023[p] IV	2024 I
(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**	**32,668**
Perlombongan dan Pengkuarian *Mining and Quarrying*	**42,941**	**47,473**	**44,716**	**43,309**	**42,277**	**38,913**	**35,638**	**39,154**	**44,969**
Minyak Mentah dan Kondensat *Crude Oil and Condensate*	20,759	25,320	17,354	15,729	17,440	17,857	14,278	16,040	18,988
Gas Asli / *Natural Gas*	19,573	19,998	24,720	24,220	21,881	18,749	18,612	19,672	22,728
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan *Other Mining & Quarrying and Supporting Services*	2,609	2,154	2,642	3,360	2,956	2,307	2,749	3,442	3,253
Pembuatan / *Manufacturing*	**97,528**	**101,880**	**108,175**	**110,954**	**103,832**	**101,332**	**105,701**	**108,719**	**104,656**
Produk Petroleum Bertapis *Refined Petroleum Products*	15,300	15,710	19,713	18,379	16,655	14,731	16,077	15,706	14,729
Pembinaan / *Construction*	**14,804**	**14,886**	**15,544**	**15,576**	**16,158**	**16,183**	**17,067**	**16,541**	**18,273**
Perkhidmatan / *Services*	**224,339**	**231,735**	**244,669**	**255,994**	**245,339**	**245,393**	**259,246**	**268,994**	**259,266**
Tambah Duti Import / *Plus Import Duties*	**4,144**	**4,905**	**4,728**	**5,036**	**4,573**	**5,184**	**5,107**	**5,623**	**4,939**
KDNK pada Harga Pembeli / *GDP at Purchasers' Prices*	**422,454**	**445,013**	**458,256**	**468,181**	**443,332**	**439,683**	**463,163**	**476,726**	**464,771**
(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**
Perlombongan dan Pengkuarian *Mining and Quarrying*	**44.0**	**47.3**	**56.1**	**28.7**	**-1.5**	**-18.0**	**-20.3**	**-9.6**	**6.4**
Minyak Mentah dan Kondensat *Crude Oil and Condensate*	50.0	52.1	48.5	19.6	-16.0	-29.5	-17.7	2.0	8.9
Gas Asli / *Natural Gas*	43.5	45.5	66.7	37.4	11.8	-6.2	-24.7	-18.8	3.9
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan *Other Mining & Quarrying and Supporting Services*	11.4	17.3	23.8	16.6	13.3	7.1	4.0	2.4	10.0
Pembuatan / *Manufacturing*	**14.4**	**17.5**	**21.5**	**10.0**	**6.5**	**-0.5**	**-2.3**	**-2.0**	**0.8**
Produk Petroleum Bertapis *Refined Petroleum Products*	26.7	27.4	32.0	19.3	8.9	-6.2	-18.4	-14.5	-11.6
Pembinaan / *Construction*	**-1.8**	**7.5**	**20.2**	**12.9**	**9.1**	**8.7**	**9.8**	**6.2**	**13.1**
Perkhidmatan / *Services*	**8.4**	**14.5**	**20.1**	**11.9**	**9.4**	**5.9**	**6.0**	**5.1**	**5.7**
Tambah Duti Import / *Plus Import Duties*	**-0.4**	**6.8**	**27.2**	**10.6**	**10.4**	**5.7**	**8.0**	**11.7**	**8.0**
KDNK pada Harga Pembeli / *GDP at Purchasers' Prices*	**13.8**	**18.9**	**21.1**	**10.3**	**4.9**	**-1.2**	**1.1**	**1.8**	**4.8**
(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**
Perlombongan dan Pengkuarian *Mining and Quarrying*	**27.6**	**10.6**	**-5.8**	**-3.1**	**-2.4**	**-8.0**	**-8.4**	**9.9**	**14.8**
Minyak Mentah dan Kondensat *Crude Oil and Condensate*	57.8	22.0	-31.5	-9.4	10.9	2.4	-20.0	12.3	18.4
Gas Asli / *Natural Gas*	11.1	2.2	23.6	-2.0	-9.7	-14.3	-0.7	5.7	15.5
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan *Other Mining & Quarrying and Supporting Services*	-9.5	-17.4	22.7	27.2	-12.0	-22.0	19.2	25.2	-5.5
Pembuatan / *Manufacturing*	**-3.3**	**4.5**	**6.2**	**2.6**	**-6.4**	**-2.4**	**4.3**	**2.9**	**-3.7**
Produk Petroleum Bertapis *Refined Petroleum Products*	-0.6	2.7	25.5	-6.8	-9.4	-11.6	9.1	-2.3	-6.2
Pembinaan / *Construction*	**7.3**	**0.6**	**4.4**	**0.2**	**3.7**	**0.2**	**5.5**	**-3.1**	**10.5**
Perkhidmatan / *Services*	**-1.9**	**3.3**	**5.6**	**4.6**	**-4.2**	**0.0**	**5.6**	**3.8**	**-3.6**
Tambah Duti Import / *Plus Import Duties*	**-9.0**	**18.4**	**-3.6**	**6.5**	**-9.2**	**13.4**	**-1.5**	**10.1**	**-12.2**
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**
(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**
Perlombongan dan Pengkuarian *Mining and Quarrying*	**10.2**	**10.7**	**9.8**	**9.3**	**9.5**	**8.9**	**7.7**	**8.2**	**9.7**
Minyak Mentah dan Kondensat *Crude Oil and Condensate*	4.9	5.7	3.8	3.4	3.9	4.1	3.1	3.4	4.1
Gas Asli / *Natural Gas*	4.6	4.5	5.4	5.2	4.9	4.3	4.0	4.1	4.9
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan *Other Mining & Quarrying and Supporting Services*	0.6	0.5	0.6	0.7	0.7	0.5	0.6	0.7	0.7
Pembuatan / *Manufacturing*	**23.1**	**22.9**	**23.6**	**23.7**	**23.4**	**23.0**	**22.8**	**22.8**	**22.5**
Produk Petroleum Bertapis *Refined Petroleum Products*	3.6	3.5	4.3	3.9	3.8	3.4	3.5	3.3	3.2
Pembinaan / *Construction*	**3.5**	**3.3**	**3.4**	**3.3**	**3.6**	**3.7**	**3.7**	**3.5**	**3.9**
Perkhidmatan / *Services*	**53.1**	**52.1**	**53.4**	**54.7**	**55.3**	**55.8**	**56.0**	**56.4**	**55.8**
Tambah Duti Import / *Plus Import Duties*	**1.0**	**1.1**	**1.0**	**1.1**	**1.0**	**1.2**	**1.1**	**1.2**	**1.1**
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**

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[e]	2023[p]
(A) Nilai (RM Juta) *Value (RM Million)*						
Pertanian / *Agriculture*	**99,637**	**101,573**	**99,109**	**98,843**	**100,082**	**100,812**
Perlombongan dan Pengkuarian *Mining and Quarrying*	**103,557**	**102,887**	**92,879**	**93,717**	**97,001**	**97,513**
Minyak Mentah dan Kondensat *Crude Oil and Condensate*	45,430	42,460	38,430	36,410	36,283	36,155
Gas Asli **/** *Natural Gas*	49,322	50,643	45,896	49,166	51,748	52,063
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan *Other Mining & Quarrying and Supporting Services*	8,806	9,784	8,554	8,142	8,969	9,295
Pembuatan / *Manufacturing*	**304,843**	**316,283**	**307,606**	**336,724**	**364,124**	**366,694**
Produk Petroleum Bertapis *Refined Petroleum Products*	37,962	39,026	35,286	39,784	41,934	40,986
Pembinaan / *Construction*	**66,194**	**66,453**	**53,616**	**50,839**	**53,426**	**56,659**
Perkhidmatan / *Services*	**772,990**	**820,576**	**777,693**	**795,116**	**882,723**	**927,904**
Tambah Duti Import / *Plus Import Duties*	**16,546**	**16,179**	**15,346**	**15,642**	**16,784**	**18,392**
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**
(B) Perubahan Peratusan Tahunan *Annual Percentage Change*						
Pertanian / *Agriculture*	**0.1**	**1.9**	**-2.4**	**-0.3**	**1.3**	**0.7**
Perlombongan dan Pengkuarian *Mining and Quarrying*	**-2.2**	**-0.6**	**-9.7**	**0.9**	**3.5**	**0.5**
Minyak Mentah dan Kondensat *Crude Oil and Condensate*	-0.8	-6.5	-9.5	-5.3	-0.3	-0.4
Gas Asli **/** *Natural Gas*	-4.2	2.7	-9.4	7.1	5.3	0.6
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan *Other Mining & Quarrying and Supporting Services*	3.1	11.1	-12.6	-4.8	10.2	3.6
Pembuatan / *Manufacturing*	**5.0**	**3.8**	**-2.7**	**9.5**	**8.1**	**0.7**
Produk Petroleum Bertapis *Refined Petroleum Products*	3.3	2.8	-9.6	12.7	5.4	-2.3
Pembinaan / *Construction*	**4.2**	**0.4**	**-19.3**	**-5.2**	**5.1**	**6.1**
Perkhidmatan / *Services*	**6.9**	**6.2**	**-5.2**	**2.2**	**11.0**	**5.1**
Tambah Duti Import / *Plus Import Duties*	**-8.5**	**-2.2**	**-5.2**	**1.9**	**7.3**	**9.6**
KDNK pada Harga Pembeli / *GDP at Purchasers' Prices*	**4.8**	**4.4**	**-5.5**	**3.3**	**8.9**	**3.6**
(C) Peratusan Sumbangan kepada KDNK *Percentage Share to GDP*						
Pertanian / *Agriculture*	**7.3**	**7.1**	**7.4**	**7.1**	**6.6**	**6.4**
Perlombongan dan Pengkuarian *Mining and Quarrying*	**7.6**	**7.2**	**6.9**	**6.7**	**6.4**	**6.2**
Minyak Mentah dan Kondensat *Crude Oil and Condensate*	3.3	3.0	2.9	2.6	2.4	2.3
Gas Asli **/** *Natural Gas*	3.6	3.6	3.4	3.5	3.4	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
Pembuatan / *Manufacturing*	**22.4**	**22.2**	**22.8**	**24.2**	**24.0**	**23.4**
Produk Petroleum Bertapis *Refined Petroleum Products*	2.8	2.7	2.6	2.9	2.8	2.6
Pembinaan / *Construction*	**4.9**	**4.7**	**4.0**	**3.7**	**3.5**	**3.6**
Perkhidmatan / *Services*	**56.7**	**57.6**	**57.8**	**57.2**	**58.3**	**59.2**
Tambah Duti Import / *Plus Import Duties*	**1.2**	**1.1**	**1.1**	**1.1**	**1.1**	**1.2**
KDNK pada Harga Pembeli / *GDP at Purchasers' Prices*	**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* :
[e] **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] I	II	III	IV	2023[p] I	II	III	IV	2024 I
(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**	**23,610**
Perlombongan dan Pengkuarian	**24,377**	**23,667**	**23,421**	**25,535**	**24,755**	**23,173**	**23,162**	**26,422**	**26,172**
Mining and Quarrying									
Minyak Mentah dan Kondensat *Crude Oil and Condensate*	9,193	9,112	8,644	9,335	9,228	8,855	8,598	9,474	9,350
Gas Asli / *Natural Gas*	12,996	12,761	12,513	13,478	13,187	12,458	12,229	14,189	14,367
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan *Other Mining & Quarrying and Supporting Services*	2,189	1,793	2,265	2,722	2,341	1,861	2,335	2,758	2,455
Pembuatan / *Manufacturing*	**87,174**	**89,038**	**92,399**	**95,512**	**89,990**	**89,152**	**92,291**	**95,261**	**91,727**
Produk Petroleum Bertapis *Refined Petroleum Products*	9,672	9,884	11,514	10,864	10,278	9,656	10,546	10,507	10,323
Pembinaan / *Construction*	**12,938**	**12,961**	**13,635**	**13,892**	**13,895**	**13,767**	**14,611**	**14,386**	**15,551**
Perkhidmatan / *Services*	**210,226**	**214,560**	**224,311**	**233,625**	**225,184**	**224,259**	**235,300**	**243,162**	**235,777**
Tambah Duti Import / *Plus Import Duties*	**3,813**	**4,224**	**4,169**	**4,579**	**4,308**	**4,522**	**4,523**	**5,040**	**4,557**
KDNK pada Harga Pembeli / *GDP at Purchasers' Prices*	**361,453**	**368,117**	**385,880**	**398,691**	**381,374**	**378,371**	**397,916**	**410,313**	**397,394**
(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**	**1.6**
Perlombongan dan Pengkuarian	**-1.0**	**-1.7**	**10.4**	**7.3**	**1.6**	**-2.1**	**-1.1**	**3.5**	**5.7**
Mining and Quarrying									
Minyak Mentah dan Kondensat *Crude Oil and Condensate*	-6.0	-5.0	4.4	6.6	0.4	-2.8	-0.5	1.5	1.3
Gas Asli / *Natural Gas*	2.0	-0.5	13.9	6.9	1.5	-2.4	-2.3	5.3	9.0
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan *Other Mining & Quarrying and Supporting Services*	3.8	8.0	16.9	11.8	6.9	3.8	3.1	1.3	4.9
Pembuatan / *Manufacturing*	**6.7**	**9.2**	**13.1**	**4.0**	**3.2**	**0.1**	**-0.1**	**-0.3**	**1.9**
Produk Petroleum Bertapis *Refined Petroleum Products*	2.7	3.0	10.7	4.8	6.3	-2.3	-8.4	-3.3	0.4
Pembinaan / *Construction*	**-6.0**	**2.6**	**15.3**	**10.2**	**7.4**	**6.2**	**7.2**	**3.6**	**11.9**
Perkhidmatan / *Services*	**6.5**	**11.9**	**16.8**	**9.2**	**7.1**	**4.5**	**4.9**	**4.1**	**4.7**
Tambah Duti Import / *Plus Import Duties*	**-3.2**	**0.1**	**27.2**	**8.8**	**13.0**	**7.1**	**8.5**	**10.1**	**5.8**
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**
(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**	**-9.3**
Perlombongan dan Pengkuarian	**2.4**	**-2.9**	**-1.0**	**9.0**	**-3.1**	**-6.4**	**0.0**	**14.1**	**-0.9**
Mining and Quarrying									
Minyak Mentah dan Kondensat *Crude Oil and Condensate*	4.9	-0.9	-5.1	8.0	-1.2	-4.0	-2.9	10.2	-1.3
Gas Asli / *Natural Gas*	3.0	-1.8	-1.9	7.7	-2.2	-5.5	-1.8	16.0	1.3
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan *Other Mining & Quarrying and Supporting Services*	-10.1	-18.1	26.3	20.2	-14.0	-20.5	25.5	18.1	-11.0
Pembuatan / *Manufacturing*	**-5.1**	**2.1**	**3.8**	**3.4**	**-5.8**	**-0.9**	**3.5**	**3.2**	**-3.7**
Produk Petroleum Bertapis *Refined Petroleum Products*	-6.7	2.2	16.5	-5.6	-5.4	-6.0	9.2	-0.4	-1.7
Pembinaan / *Construction*	**2.6**	**0.2**	**5.2**	**1.9**	**0.0**	**-0.9**	**6.1**	**-1.5**	**8.1**
Perkhidmatan / *Services*	**-1.8**	**2.1**	**4.5**	**4.2**	**-3.6**	**-0.4**	**4.9**	**3.3**	**-3.0**
Tambah Duti Import / *Plus Import Duties*	**-9.4**	**10.8**	**-1.3**	**9.8**	**-5.9**	**5.0**	**0.0**	**11.4**	**-9.6**
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**
(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**
Perlombongan dan Pengkuarian	**6.7**	**6.4**	**6.1**	**6.4**	**6.5**	**6.1**	**5.8**	**6.4**	**6.6**
Mining and Quarrying									
Minyak Mentah dan Kondensat *Crude Oil and Condensate*	2.5	2.5	2.2	2.3	2.4	2.3	2.2	2.3	2.4
Gas Asli / *Natural Gas*	3.6	3.5	3.2	3.4	3.5	3.3	3.1	3.5	3.6
Perlombongan Lain & Pengkuarian dan Perkhidmatan Sokongan *Other Mining & Quarrying and Supporting Services*	0.6	0.5	0.6	0.7	0.6	0.5	0.6	0.7	0.6
Pembuatan / *Manufacturing*	**24.1**	**24.2**	**23.9**	**24.0**	**23.6**	**23.6**	**23.2**	**23.2**	**23.1**
Produk Petroleum Bertapis *Refined Petroleum Products*	2.7	2.7	3.0	2.7	2.7	2.6	2.7	2.6	2.6
Pembinaan / *Construction*	**3.6**	**3.5**	**3.5**	**3.5**	**3.6**	**3.6**	**3.7**	**3.5**	**3.9**
Perkhidmatan / *Services*	**58.2**	**58.3**	**58.1**	**58.6**	**59.0**	**59.3**	**59.1**	**59.3**	**59.3**
Tambah Duti Import / *Plus Import Duties*	**1.1**	**1.1**	**1.1**	**1.1**	**1.1**	**1.2**	**1.1**	**1.2**	**1.1**
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**

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 *Description*	Wajaran *Weights* 2015	2018	2019	2020	2021	2022	2023
(A) Indeks *Index*							
IPP / *IPI*	**100.0**	**112.2**	**114.9**	**110.2**	**118.3**	**126.5**	**127.4**
Perlombongan / *Mining*	**25.1**	**100.6**	**99.3**	**90.5**	**91.8**	**94.5**	**94.7**
Pengekstrakan Minyak Petroleum Mentah dan Kondensat *Extraction of Crude Petroleum Oils and Condensates*	12.2	99.3	93.5	85.1	80.8	80.5	80.3
Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli) *Production of Crude Gaseous Hydrocarbon (Natural Gas)*	12.9	101.9	104.9	95.5	102.3	107.7	108.3
Pembuatan / *Manufacturing*	**68.3**	**116.0**	**120.1**	**116.9**	**128.1**	**138.5**	**139.5**
Produk Petroleum, Kimia, Getah dan Plastik *Petroleum, Chemical, Rubber and Plastic Products*	20.6	112.6	115.9	115.0	130.1	131.3	130.1
Pembuatan Kok dan Produk Petroleum Bertapis *Manufacture of Coke and Refined Petroleum Products*	9.4	110.2	113.2	101.2	112.9	120.0	118.1
Pembuatan Kimia dan Produk Kimia *Manufacture of Chemicals and Chemical Products*	6.4	115.5	117.5	109.2	119.5	124.4	129.7
Pembuatan Produk Farmaseutikal Asas, Kimia Perubatan dan Botani *Manufacture of Basic Pharmaceuticals, Medicinal Chemical and Botanical Products*	0.4	115.9	120.7	138.2	159.9	169.7	168.4
Pembuatan Produk Getah dan Plastik *Manufacture of Rubber and Plastics Products*	4.5	113.4	118.9	150.2	178.4	161.2	152.6
Elektrik / *Electric*	**6.6**	**116.3**	**119.9**	**115.7**	**118.6**	**124.0**	**126.4**
(B) Perubahan Peratusan Tahunan *Annual Percentage Change*							
IPP / *IPI*		**3.2**	**2.4**	**-4.1**	**7.4**	**6.9**	**0.7**
Perlombongan / *Mining*		**-2.1**	**-1.3**	**-8.9**	**1.5**	**2.9**	**0.2**
Pengekstrakan Minyak Petroleum Mentah dan Kondensat *Extraction of Crude Petroleum Oils and Condensates*		-0.2	-5.9	-8.9	-5.2	-0.3	-0.4
Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli) *Production of Crude Gaseous Hydrocarbon (Natural Gas)*		-3.7	3.0	-8.9	7.1	5.3	0.6
Pembuatan / *Manufacturing*		**4.8**	**3.6**	**-2.7**	**9.5**	**8.2**	**0.7**
Produk Petroleum, Kimia, Getah dan Plastik *Petroleum, Chemical, Rubber and Plastic Products*		4.6	4.9	-0.8	13.1	0.9	-0.9
Pembuatan Kok dan Produk Petroleum Bertapis *Manufacture of Coke and Refined Petroleum Products*		3.3	2.7	-10.6	11.6	6.3	-1.6
Pembuatan Kimia dan Produk Kimia *Manufacture of Chemicals and Chemical Products*		4.4	1.8	-7.1	9.4	4.1	4.2
Pembuatan Produk Farmaseutikal Asas, Kimia Perubatan dan Botani *Manufacture of Basic Pharmaceuticals, Medicinal Chemical and Botanical Products*		5.9	4.2	14.5	15.7	6.1	-0.7
Pembuatan Produk Getah dan Plastik *Manufacture of Rubber and Plastics Products*		4.6	4.9	26.3	18.8	-9.6	-5.3
Elektrik / *Electric*		**4.8**	**3.1**	**-3.5**	**2.5**	**4.5**	**2.0**

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 I	2022 II	2022 III	2022 IV	2023 I	2023 II	2023 III	2023 IV	2024 I
(A) Indeks *Index*										
IPP / *IPI*	**100.0**	**122.9**	**123.6**	**128.8**	**130.6**	**126.2**	**123.2**	**128.4**	**131.7**	**130.3**
Perlombongan / *Mining*	**25.1**	**95.7**	**92.6**	**92.1**	**97.6**	**96.7**	**90.1**	**90.7**	**101.1**	**102.4**
Pengekstrakan Minyak Petroleum Mentah dan Kondensat / *Extraction of Crude Petroleum Oils and Condensates*	12.2	81.2	79.6	78.4	83.0	81.6	77.2	78.1	84.2	82.7
Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli) / *Production of Crude Gaseous Hydrocarbon (Natural Gas)*	12.9	109.4	105.0	104.9	111.3	111.0	102.4	102.6	117.2	121.0
Pembuatan / *Manufacturing*	**68.3**	**133.2**	**134.8**	**142.5**	**143.5**	**137.7**	**134.9**	**142.3**	**143.2**	**140.6**
Produk Petroleum, Kimia, Getah dan Plastik *Petroleum, Chemical, Rubber and Plastic Products*	20.6	130.2	126.6	136.9	131.5	132.9	124.3	132.9	130.3	134.8
Pembuatan Kok dan Produk Petroleum Bertapis *Manufacture of Coke and Refined Petroleum Products*	9.4	118.6	110.7	128.4	122.3	128.0	108.7	117.5	118.1	128.5
Pembuatan Kimia dan Produk Kimia *Manufacture of Chemicals and Chemical Products*	6.4	125.7	120.1	124.6	127.2	129.2	125.9	133.3	130.4	128.7
Pembuatan Produk Farmaseutikal Asas, Kimia Perubatan dan Botani / *Manufacture of Basic Pharmaceuticals, Medicinal Chemical and Botanical Products*	0.4	156.2	162.7	185.6	174.3	165.3	163.1	176.1	169.2	174.2
Pembuatan Produk Getah dan Plastik *Manufacture of Rubber and Plastics Products*	4.5	158.3	166.0	167.8	152.9	145.9	151.4	160.9	152.3	153.1
Elektrik / *Electric*	**6.6**	**119.4**	**124.7**	**125.6**	**121.8**	**119.7**	**128.2**	**128.9**	**128.7**	**130.4**
(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**	**3.3**
Perlombongan / *Mining*		**-1.5**	**-2.4**	**9.9**	**6.7**	**1.0**	**-2.7**	**-1.5**	**3.7**	**5.9**
Pengekstrakan Minyak Petroleum Mentah dan Kondensat / *Extraction of Crude Petroleum Oils and Condensates*		-6.1	-5.0	4.7	6.6	0.5	-3.0	-0.5	1.5	1.4
Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli) / *Production of Crude Gaseous Hydrocarbon (Natural Gas)*		2.0	-0.4	13.9	6.8	1.4	-2.5	-2.3	5.2	9.1
Pembuatan / *Manufacturing*		**6.3**	**9.3**	**13.4**	**4.0**	**3.4**	**0.1**	**-0.1**	**-0.2**	**2.1**
Produk Petroleum, Kimia, Getah dan Plastik *Petroleum, Chemical, Rubber and Plastic Products*		-0.7	-0.8	4.2	0.9	2.1	-1.8	-2.9	-0.9	1.4
Pembuatan Kok dan Produk Petroleum Bertapis *Manufacture of Coke and Refined Petroleum Products*		4.3	4.5	11.1	5.1	7.9	-1.8	-8.5	-3.5	0.4
Pembuatan Kimia dan Produk Kimia *Manufacture of Chemicals and Chemical Products*		4.2	6.5	4.3	1.7	2.8	4.8	7.0	2.5	-0.3
Pembuatan Produk Farmaseutikal Asas, Kimia Perubatan dan Botani / *Manufacture of Basic Pharmaceuticals, Medicinal Chemical and Botanical Products*		9.9	4.9	7.0	3.0	5.8	0.2	-5.1	-2.9	5.4
Pembuatan Produk Getah dan Plastik *Manufacture of Rubber and Plastics Products*		-12.5	-13.5	-5.4	-6.5	-7.8	-8.8	-4.1	-0.4	4.9
Elektrik / *Electric*		**2.7**	**6.6**	**9.8**	**-0.6**	**-0.4**	**2.1**	**1.5**	**4.6**	**8.9**
(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**	**-1.0**
Perlombongan / *Mining*		**4.7**	**-3.2**	**-0.6**	**6.0**	**-0.9**	**-6.8**	**0.6**	**11.6**	**1.3**
Pengekstrakan Minyak Petroleum Mentah dan Kondensat / *Extraction of Crude Petroleum Oils and Condensates*		4.3	-1.9	-1.4	5.8	-1.7	-5.4	1.1	7.9	-1.8
Pengeluaran Gas Hidrokarbon Mentah Bergas (Gas Asli) / *Production of Crude Gaseous Hydrocarbon (Natural Gas)*		4.9	-4.1	0.0	6.1	-0.3	-7.7	0.2	14.2	3.3
Pembuatan / *Manufacturing*		**-3.4**	**1.2**	**5.7**	**0.7**	**-4.0**	**-2.1**	**5.5**	**0.6**	**-1.8**
Produk Petroleum, Kimia, Getah dan Plastik *Petroleum, Chemical, Rubber and Plastic Products*		-0.1	-2.7	8.1	-3.9	1.1	-6.5	6.9	-2.0	3.4
Pembuatan Kok dan Produk Petroleum Bertapis *Manufacture of Coke and Refined Petroleum Products*		2.0	-6.7	16.0	-4.7	4.6	-15.1	8.2	0.5	8.8
Pembuatan Kimia dan Produk Kimia *Manufacture of Chemicals and Chemical Products*		0.5	-4.4	3.7	2.1	1.6	-2.5	5.8	-2.2	-1.3
Pembuatan Produk Farmaseutikal Asas, Kimia Perubatan dan Botani / *Manufacture of Basic Pharmaceuticals, Medicinal Chemical and Botanical Products*		-7.6	4.1	14.1	-6.1	-5.1	-1.4	8.0	-3.9	3.0
Pembuatan Produk Getah dan Plastik *Manufacture of Rubber and Plastics Products*		-3.2	4.8	1.1	-8.8	-4.6	3.7	6.3	-5.3	0.5
Elektrik / *Electric*		**-3.6**	**4.5**	**0.7**	**-3.1**	**-1.7**	**7.1**	**0.5**	**-0.1**	**1.3**

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
(A) Indeks *Index*							
IHPR / *PPI*	**100.000**	**106.7**	**105.2**	**102.4**	**112.1**	**120.8**	**118.5**
Perlombongan / *Mining*	**7.927**	**106.8**	**102.9**	**65.5**	**92.5**	**104.2**	**98.1**
Pengekstrakan Petroleum Mentah *Extraction of Crude Petroleum*	5.782	116.6	110.8	66.9	98.8	100.6	101.9
Pengekstrakan Gas Asli *Extraction of Natural Gas*	2.145	75.4	78.2	63.6	73.7	74.7	76.7
Pembuatan / *Manufacturing*	**81.571**	**107.0**	**106.0**	**105.6**	**111.4**	**120.8**	**120.5**
Pembuatan Produk Petroleum Bertapis *Manufacture of Refined Petroleum Products*	10.038	124.6	126.4	117.7	133.4	160.6	151.9
(B) Perubahan Peratusan Tahunan *Annual Percentage Change*							
IHPR / *PPI*		**-1.1**	**-1.4**	**-2.7**	**9.5**	**7.8**	**-1.9**
Perlombongan / *Mining*	**17.5**	**-3.7**	**-36.3**	**41.2**	**12.6**	**-5.9**	
Pengekstrakan Petroleum Mentah *Extraction of Crude Petroleum*	20.8	-5.0	-39.6	47.7	6.4	-10.1	
Pengekstrakan Gas Asli *Extraction of Natural Gas*	4.1	3.8	-18.7	15.9	43.7	9.9	
Pembuatan / *Manufacturing*	**-1.8**	**-0.9**	**-0.4**	**5.5**	**8.4**	**-0.2**	
Pembuatan Produk Petroleum Bertapis *Manufacture of Refined Petroleum Products*	10.6	1.4	-6.9	13.4	20.4	-5.4	

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

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

19b IHPR (2010=100) Pengeluaran Tempatan, Pengekstrakan Petroleum Mentah & Gas Asli dan Pembuatan Kok & Produk Petroleum Bertapis - Suku Tahunan

PPI (2010=100) Local Production, Extraction of Crude Petroleum & Natural Gas and Manufacture of Coke & Refined Petroleum Products - Quarterly

Keterangan *Description*	Wajaran *Weights* 2015	2022 I	2022 II	2022 III	2022 IV	2023 I	2023 II	2023 III	2023 IV	2024 I
(A) Indeks *Index*										
IHPR / *PPI*	**100.000**	**119.6**	**123.6**	**120.4**	**119.6**	**118.6**	**118.5**	**118.7**	**118.4**	**119.1**
Perlombongan / *Mining*	**7.927**	**104.3**	**106.4**	**103.2**	**102.7**	**97.2**	**94.9**	**100.3**	**100.1**	**101.1**
Pengekstrakan Petroleum Mentah *Extraction of Crude Petroleum*	5.782	109.5	110.2	102.9	97.6	91.2	90.2	97.9	98.5	97.2
Pengekstrakan Gas Asli *Extraction of Natural Gas*	2.145	90.4	97.8	109.2	126.5	124.0	116.8	114.2	110.8	120.6
Pembuatan / *Manufacturing*	**81.571**	**117.3**	**121.7**	**122.4**	**121.7**	**120.7**	**120.5**	**120.3**	**120.3**	**120.3**
Pembuatan Produk Petroleum Bertapis *Manufacture of Refined Petroleum Products*	10.038	150.0	160.0	166.3	166.1	158.5	152.7	148.4	148.0	141.8
(B) Perubahan Peratusan dari Suku Tahun yang Sama Tahun Sebelumnya *Percentage Change from Corresponding Quarter of Preceding Year*										
IHPR / *PPI*		**10.2**	**11.1**	**6.5**	**3.5**	**-0.8**	**-4.1**	**-1.4**	**-1.0**	**0.4**
Perlombongan / *Mining*		**28.4**	**18.8**	**4.9**	**1.8**	**-6.8**	**-10.8**	**-2.8**	**-2.5**	**4.0**
Pengekstrakan Petroleum Mentah *Extraction of Crude Petroleum*		25.9	14.1	-1.8	-8.6	-16.7	-18.1	-4.9	0.9	6.6
Pengekstrakan Gas Asli *Extraction of Natural Gas*		41.1	43.6	37.8	51.8	37.2	19.4	4.6	-12.4	-2.7
Pembuatan / *Manufacturing*		**8.0**	**10.0**	**9.1**	**6.6**	**2.9**	**-1.0**	**-1.7**	**-1.2**	**-0.3**
Pembuatan Produk Petroleum Bertapis *Manufacture of Refined Petroleum Products*		20.7	22.9	21.4	16.8	5.7	-4.6	-10.7	-10.9	-10.6
(C) Perubahan Peratusan dari Suku Tahun Sebelumnya *Percentage Change from Preceding Quarter*										
IHPR / *PPI*		**3.5**	**3.3**	**-2.6**	**-0.7**	**-0.8**	**-0.1**	**0.2**	**-0.3**	**0.6**
Perlombongan / *Mining*		**3.4**	**2.0**	**-3.0**	**-0.5**	**-5.4**	**-2.4**	**5.7**	**-0.2**	**1.0**
Pengekstrakan Petroleum Mentah *Extraction of Crude Petroleum*		2.4	0.6	-6.6	-5.1	-6.6	-1.1	8.5	0.6	-1.3
Pengekstrakan Gas Asli *Extraction of Natural Gas*		8.4	8.2	11.7	15.8	-2.0	-5.8	-2.2	-3.0	8.8
Pembuatan / *Manufacturing*		**2.7**	**3.8**	**0.6**	**-0.6**	**-0.8**	**-0.2**	**-0.2**	**0.0**	**0.0**
Pembuatan Produk Petroleum Bertapis *Manufacture of Refined Petroleum Products*		5.5	6.6	3.9	-0.1	-4.6	-3.7	-2.8	-0.3	-4.2

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]
(A) Bilangan ('000 orang) *Total ('000 persons)*						
Mahir *Skilled*	24.6	24.7	24.2	23.5	23.2	23.4
Separuh Mahir *Semi-skilled*	47.1	47.3	45.3	44.6	46.1	47.0
Berkemahiran Rendah *Low-skilled*	10.1	10.3	9.4	9.4	9.7	9.6
Jumlah *Total*	**81.7**	**82.2**	**78.9**	**77.4**	**79.1**	**80.1**
(B) Peratusan Sumbangan *Percentage Share*						
Mahir *Skilled*	30.1	30.0	30.7	30.3	29.4	29.3
Separuh Mahir *Semi-skilled*	57.6	57.5	57.3	57.6	58.3	58.7
Berkemahiran Rendah *Low-skilled*	12.3	12.5	12.0	12.1	12.3	12.0
Jumlah *Total*	**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 *Description*	2022				2023[p]				2024
	I	II	III	IV	I	II	III	IV	I
(A) Bilangan ('000 orang) *Total ('000 persons)*									
Mahir *Skilled*	23.4	23.5	22.9	23.2	23.5	23.5	23.6	23.4	23.4
Separuh Mahir *Semi-skilled*	44.4	44.3	45.4	46.1	46.4	46.8	47.2	47.0	46.9
Berkemahiran Rendah *Low-skilled*	9.3	9.4	9.6	9.7	9.7	9.6	9.5	9.6	9.7
Jumlah *Total*	**77.1**	**77.2**	**77.9**	**79.1**	**79.7**	**79.9**	**80.3**	**80.1**	**80.0**
(B) Peratusan Sumbangan *Percentage Share*									
Mahir *Skilled*	30.3	30.5	29.4	29.4	29.6	29.4	29.3	29.3	29.2
Separuh Mahir *Semi-skilled*	57.6	57.3	58.3	58.3	58.2	58.6	58.8	58.7	58.7
Berkemahiran Rendah *Low-skilled*	12.1	12.2	12.3	12.3	12.2	12.0	11.9	12.0	12.1
Jumlah *Total*	**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 *Description*		2018	2019	2020	2021[e]	2022[p]	2023
(A)	**Produktiviti** *Productivity*						
Nilai Ditambah pada Harga Malar *Value Added at Constant Prices*	**(RM Juta)** *(RM Million)*	103,557	102,887	92,879	93,717	97,001	97,513
Jumlah Jam Bekerja *Total Hours Worked*	**(Juta Jam)** *(Million Hours)*	185	185	168	175	181	185
Jumlah Pekerja *Total Workers*	**('000 Orang)** *('000 Persons)*	76	75	74	75	76	76
Nilai Ditambah per Jam Pekerja *Value Added per Hour Worked*	**RM**	558	556	554	537	535	527
Nilai Ditambah per Pekerja *Value Added per Employment*	**RM**	1,367,042	1,363,562	1,259,637	1,249,966	1,277,833	1,278,404
(B)	**Perubahan Peratusan Tahunan** *Annual Percentage Change*						
Nilai Ditambah pada Harga Malar *Value Added at Constant Prices*		-2.2	-0.6	-9.7	0.9	3.5	0.5
Jumlah Jam Bekerja *Total Hours Worked*		-5.3	-0.3	-9.4	4.2	3.9	2.0
Jumlah Pekerja *Total*		-6.0	-0.4	-2.3	1.7	1.2	0.5
Nilai Ditambah per Jam Pekerja *Value Added per Hour Worked*		3.3	-0.4	-0.3	-3.2	-0.4	-1.4
Nilai Ditambah per Pekerja *Value Added per Employment*		4.0	-0.3	-7.6	-0.8	2.2	0.0

Sumber : Produktiviti Buruh Suku Tahunan
Source : Quarterly Labour Productivity

Nota / *Notes* :

[e] **Anggaran /** *Estimate*

[p] **Awalan /** *Preliminary*

21b Produktiviti Buruh Sektor Perlombongan dan Pengkuarian - Suku Tahunan
Labour Productivity of Mining and Quarrying Sector - Quarterly

Keterangan *Description*		2022[p]				2023				2024
		I	II	III	IV	I	II	III	IV	I
(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
Jumlah Jam Bekerja *Total Hours Worked*	**(Juta Jam)** *(Million Hours)*	45	45	46	46	46	47	46	47	47
Jumlah Pekerja *Total Workers*	**('000 Orang)** *('000 Persons)*	76	76	76	76	76	76	76	76	76
Nilai Ditambah per Jam Pekerja *Value Added per Hour Worked*	**RM**	538	531	512	558	541	496	504	567	556
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
(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
Jumlah Jam Bekerja *Total Hours Worked*		3.9	4.8	4.8	2.0	0.9	4.7	0.4	2.0	3.0
Jumlah Pekerja *Total Workers*		2.6	1.8	0.4	0.3	0.5	0.8	0.4	0.2	0.1
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
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

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 diperoleh 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 penjanaan 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) se*hingga 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^{o}C dan 300^{o}C (biasanya tidak melebihi 250^{o}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^{o}C dan 300^{o}C, sekurang-kurangnya 65 peratus daripada jumlah sulingan pada 250^{o}C. Gravitinya adalah kira-kira 0.80 dan titik kilat adalah melebihi 38^{o}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 dibentukkan 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 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 tertiari 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 150ºC and 300ºC (generally not above 250ºC) 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 150ºC and 300ºC, at least 65 per cent of the total distillation at 250ºC. Its gravity is about 0.80 and the flash point is above 38ºC. 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 30ºC and 210ºC 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 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.

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LAMPIRAN
APPENDIX

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Piawaian Klasifikasi Industri Malaysia, 2008 Ver. 1.0

Malaysia Standard Industrial Classification 2008 Ver. 1.0

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

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 pryrites and pyrrhotite, except roasting*
	08915	Perlombongan barium sulfat semulajadi dan karbonat (*barite and witherite)*	*Mining of natural barium sulphate and carbonate (barytes and witherite)*
	08916	Perlombongan borat semulajadi, magnesium sulfat semulajadi (kieserite)	*Mining of natural borates, natural magnesium sulphates (kieserite)*
	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*

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Kumpulan *Group*	Perkara *Details*	Keterangan	*Description*
	08991	Perlombongan dan pengkuarian bahan pelelas (bahan kesat)	*Mining and quarrying of abrasive materials*
	08992	Perlombongan dan pengkuarian asbestos	*Mining and quarrying of asbestos*
	08993	Perlombongan dan pengkuarian fosil bersilika	*Mining and quarrying of siliceous fossil meals*
	08994	Perlombongan dan pengkuarian grafit semulajadi	*Mining and quarrying of natural graphite*
	08995	Perlombongan dan pengkuarian steatite	*Mining and quarrying of steatite (talc)*
	08996	Perlombongan dan pengkuarian batu permata	*Mining and quarrying of gemstones*
	08999	Perlombongan dan pengkuarian lain t.t.t.l	*Other mining and quarrying n.e.c.*
091		**Aktiviti perkhidmatan sokongan kepada pengekstrakan perlombongan dan pengkuarian**	***Support activites for mining and quarrying extraction***
	09101	Aktiviti pengekstrakan petroleum dan gas yang dibekalkan atas dasar kontrak atau yuran	*Oil and gas extraction service activities provided on a fee or contract basis*
	09102	Perkhidmatan memadam kebakaran di lapangan minyak dan gas	*Oil and gas field fire fighting services*
099		**Aktiviti sokongan perlombongan dan pengkuarian lain**	***Support activites for other mining and quarrying***
	09900	Aktiviti sokongan perlombongan dan pengkuarian lain	*Support activites for other mining and quarrying*
		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	*Manufacture of refined petroleum products*
	19202	Pembuatan produk bio-diesel	*Manufacture of bio-diesel products*
		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	*Wholesale of petrol, diesel , lubricants*
	46612	Jualan borong gas petroleum cecair	*Wholesale of liquefied petroleum gas*
	46619	Jualan borong bahan api pepejal, cecair dan gas dan produk berkaitan t.t.t.l.	*Wholesale of other solid, liquid and gaseous fuels and related products n.e.c*
		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	*Retail sale of automotive fuel in specialized stores*

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