



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

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INDEKS PERDAGANGAN LUAR NEGERI

External Trade Indices

2023 Oktober
October



JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

**INDEKS PERDAGANGAN LUAR NEGERI
EXTERNAL TRADE INDICES
(2010=100)**
OKTOBER 2023
OCTOBER 2023

Pemakluman

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>.

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

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

Announcement

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

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

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

**JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA**

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Pengguna yang mengeluarkan sebarang maklumat dari terbitan ini sama ada yang asal atau diolah semula hendaklah meletakkan kenyataan berikut:

“Sumber: Jabatan Perangkaan Malaysia”.

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KATA PENGANTAR

Penerbitan Indeks Perdagangan Luar Negeri (IPLN) Malaysia merupakan penerbitan bulanan yang memaparkan Indeks Nilai Seunit, Indeks Volum dan Terma Perdagangan meliputi 10 seksyen utama barang selaras dengan klasifikasi *United Nations "Standard International Trade Classification, Revision 4 (S.I.T.C. Rev 4)"*. IPLN disusun berdasarkan data perdagangan luar negeri Malaysia yang sebahagian besarnya diproses daripada borang pengikraran kastam.

IPLN telah disusun buat pertama kalinya dengan menggunakan tahun 1970 sebagai tahun asas ($1970=100$), seterusnya diasaskan semula kepada tahun 1999, 2005 dan 2010. Bermula bulan rujukan Januari 2018, penyusunan IPLN masih mengekalkan 2010 sebagai "tempoh rujukan indeks" dengan 2013 sebagai "tempoh rujukan wajaran". Bermula bulan rujukan Januari 2019, IPLN dikemaskini sekali lagi menggunakan tahun 2015 sebagai "tempoh rujukan wajaran" dan masih mengekalkan tahun asas yang sama $2010=100$.

Objektif utama IPLN adalah untuk mengukur perubahan paras nilai seunit serta volum eksport dan import Malaysia.

Ringkasan penemuan utama dan jadual terperinci indeks di peringkat seksyen (S.I.T.C. 1 digit) dipaparkan pada bahagian pertama dan kedua penerbitan. Seterusnya, nota teknikal berkaitan dengan objektif, skop dan liputan, konsep dan definisi serta kaedah pengiraan yang digunakan dimuatkan pada bahagian terakhir penerbitan bagi meningkatkan kefahaman berkenaan dengan IPLN.

Jabatan Perangkaan Malaysia merakamkan setinggi-tinggi penghargaan kepada semua pihak yang telah menyumbang secara langsung dan tidak langsung dalam merealisasikan penerbitan ini. Setiap maklum balas dan cadangan daripada semua pihak untuk penambahbaikan penerbitan ini pada masa hadapan amat dihargai.

Dato' Sri Dr. Mohd Uzir Mahidin

Ketua Perangkawan Malaysia

November 2023

PREFACE

The publication of External Trade Indices (ETI), Malaysia is a monthly publication which presents Unit Value Index, Volume Index and Terms of Trade covering 10 main sections of goods in line with classification of the United Nations "Standard International Trade Classification, Revision 4 (S.I.T.C. Rev 4)". ETI is compiled based on Malaysia external trade data which is in turn mainly processed from custom declaration forms.

The ETI was compiled for the first time using 1970 as the base year (1970=100), subsequently it has been rebased to 1999, 2005 and 2010. Commencing in reference month of January 2018, the compilation of ETI maintained 2010 as the "index reference period" with 2013 as "weight reference period". Effective with release of publication for January 2019, the ETI again updated using year 2015 as "weight reference period" while maintaining the same base year 2010=100.

The main objective of ETI is to measure the changes in the levels of unit values and volumes of Malaysia's merchandise imports and exports.

The summary of the main findings and the detailed index tables at sections (1-digit S.I.T.C) level are presented in the first and second part of this publication. Meanwhile, the technical notes on objectives, scope and coverage, concepts and definitions and the calculation techniques used are included in the final part of this publication to enhance understanding of the ETI.

The Department of Statistics Malaysia (DOSM) gratefully acknowledges the cooperation rendered by all parties who have contributed directly and indirectly in realising this publication. Every feedback and suggestions towards improving the future publication is highly appreciated.

Dato' Sri Dr. Mohd Uzir Mahidin
Chief Statistician Malaysia
November 2023



1. RINGKASAN PENEMUAN

*SUMMARY OF
FINDINGS*



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA



@StatsMalaysia

BANCI 2024
PERTANIAN
KUNCI KEMAJUAN PERTANIAN



MALAYSIA
MADANI



INDEKS PERDAGANGAN LUAR NEGERI, OKTOBER 2023

External Trade Indices, October 2023

EKSPORT Exports

Nilai (RM Bilion) Value (RM Billion)	124.3	SEP '23 Sep '23
	126.2	OKT '23 Oct '23

▲ 1.5%



Minyak Galian
Mineral Fuels



Minyak & Lemak Binatang & Sayur-sayuran
Animal & Vegetable Oils & Fats



Barang-barang Keluaran Kilang
Manufactured Goods



Minyak Galian
Mineral Fuels

▲ 3.8%



IMPORT Imports

Nilai (RM Bilion) Value (RM Billion)	99.9	SEP '23 Sep '23
	113.3	OKT '23 Oct '23

▲ 13.4%



Minyak Galian
Mineral Fuels



Bahan Kimia
Chemicals



Alat Jentera & Kelengkapan Pengangkutan
Machinery & Transport Equipment



Indeks Nilai Seunit
Unit Value Index
1.2% ▲ 0.5%

TERMA PERDAGANGAN Terms of Trade

▲ 0.7%

Minyak Galian
Mineral Fuels

▲ 3.8%

Minyak & Lemak Binatang & Sayur-sayuran
Animal & Vegetable Oils & Fats

▲ 0.5%

Makanan Food

▲ 0.4%

INDEKS PERDAGANGAN LUAR NEGERI OKTOBER 2023

PRESTASI PERDAGANGAN MALAYSIA

Jumlah dagangan Malaysia mencatatkan penurunan 2.4 peratus atau RM6.0 bilion pada Oktober 2023, mencatatkan nilai RM239.5 bilion berbanding RM245.5 bilion pada bulan yang sama pada 2022. Seiring dengan itu, nilai eksport dan import juga mengalami penurunan, masing-masing 4.4 peratus dan 0.2 peratus, tahun ke tahun. Pada masa yang sama, lebihan dagangan merosot 30.3 peratus atau RM5.6 bilion kepada RM12.9 bilion.

Berbanding September 2023, eksport, import dan jumlah dagangan merekodkan pertumbuhan positif, masing-masing 1.5 peratus, 13.4 peratus dan 6.8 peratus. Manakala, lebihan dagangan mencatatkan pertumbuhan negatif 47.2 peratus.

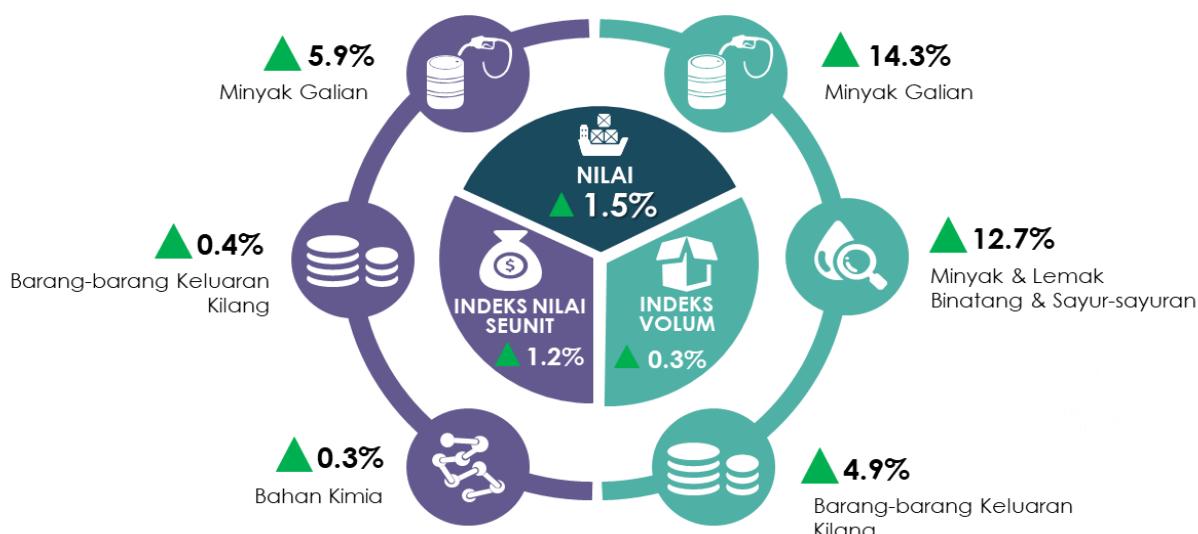
Prestasi eksport, import dan jumlah dagangan juga mencatatkan kejatuhan bagi tempoh Januari hingga Oktober 2023 berbanding tempoh yang sama tahun sebelumnya. Eksport menyusut 8.0 peratus kepada RM1.2 trillion manakala import menurun kepada RM995.6 bilion (-8.0%). Pada masa yang sama, jumlah perdagangan susut 8.0 peratus kepada RM2.2 trillion manakala lebihan dagangan bernilai RM190.0 bilion, susut 7.9 peratus.

PERBANDINGAN BULAN KE BULAN

EKSPORT

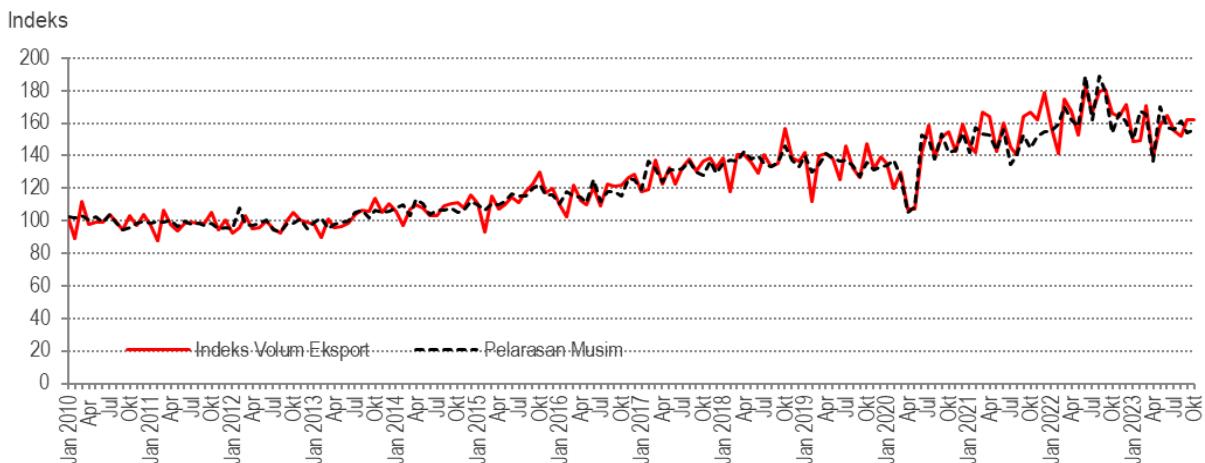
Perbandingan bulan ke bulan menunjukkan **indeks nilai seunit eksport** meningkat 1.2 peratus pada Oktober 2023. Peningkatan ini disumbang oleh indeks minyak galian (+5.9%), barang-barang keluaran kilang (+0.4%) dan bahan kimia (+0.3%).

Pada masa yang sama, **indeks volum eksport** turut menokok 0.3 peratus disumbang oleh kenaikan indeks minyak galian (+14.3%), minyak & lemak binatang & sayur-sayuran (+12.7%) dan barang-barang keluaran kilang (+4.9%). **Indeks volum eksport pelarasan bermusim** naik 1.0 peratus daripada 154.3 mata kepada 155.9 mata (**Carta 1**).



Paparan 1: Prestasi Nilai Eksport, Indeks Nilai Seunit dan Indeks Volum serta Penyumbang Utama Indeks Nilai Seunit dan Indeks Volum Eksport

PERBANDINGAN BULAN KE BULAN

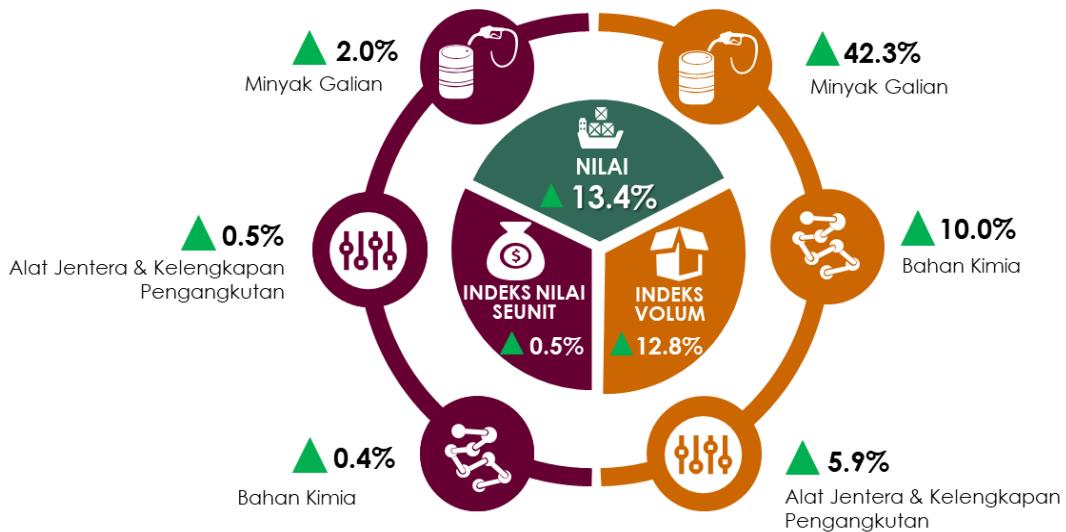


Carta 1: Indeks Volum Eksport - Asal & Pelarasan Musim

IMPORT

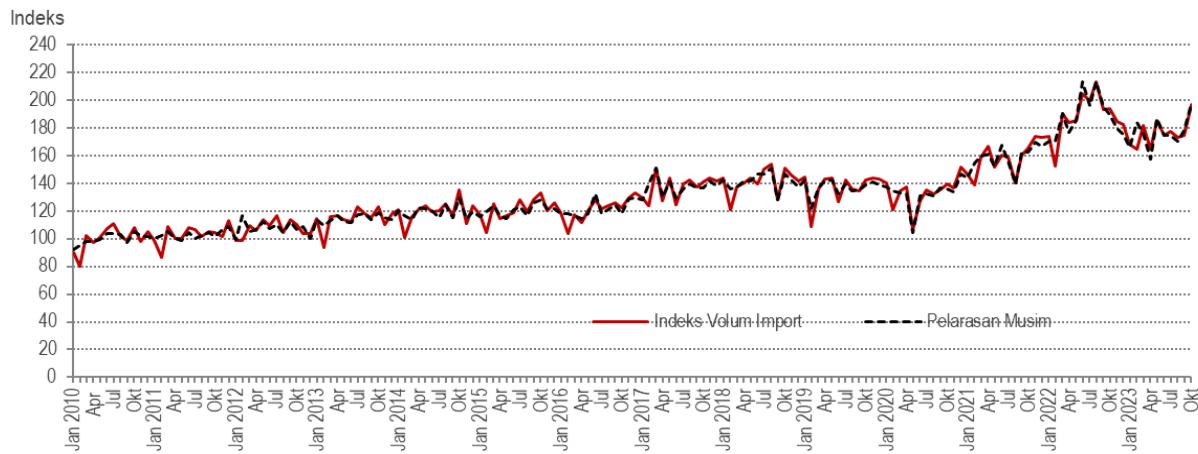
Indeks nilai seunit import naik 0.5 peratus pada Oktober 2023. Kenaikan ini disumbang oleh indeks minyak galian (+2.0%), alat jentera & kelengkapan pengangkutan (+0.5%) dan bahan kimia (+0.4%).

Indeks volum import turut berkembang 12.8 peratus pada Oktober 2023 berbanding bulan sebelumnya. Peningkatan ini disumbang oleh indeks minyak galian (+42.3%), bahan kimia (+10.0%) dan alat jentera & kelengkapan pengangkutan (+5.9%). **Indeks volum import pelarasan bermusim** pada Oktober 2023 bertambah 10.5 peratus daripada 178.4 mata kepada 197.2 mata (**Carta 2**).



Paparan 2: Prestasi Nilai Import, Indeks Nilai Seunit dan Indeks Volum serta Penyumbang Utama Indeks Nilai Seunit dan Indeks Volum Import

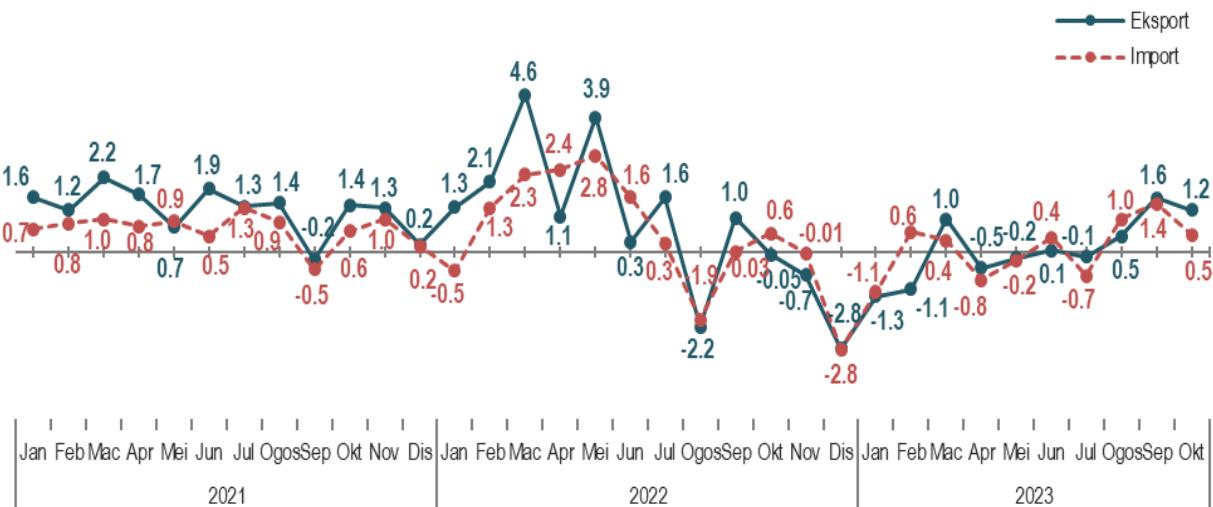
PERBANDINGAN BULAN KE BULAN



Carta 2: Indeks Volum Import - Asal & Pelarasan Musim

SIRI MASA INDEKS NILAI SEUNIT EKSPORT & IMPORT

Perbandingan bulan ke bulan, indeks nilai seunit eksport dan import masing-masing berkembang dengan kadar yang lebih perlahan pada Oktober 2023. Indeks nilai seunit eksport dan import kekal berada dalam pertumbuhan tidak menentu, sejak Mac 2023.



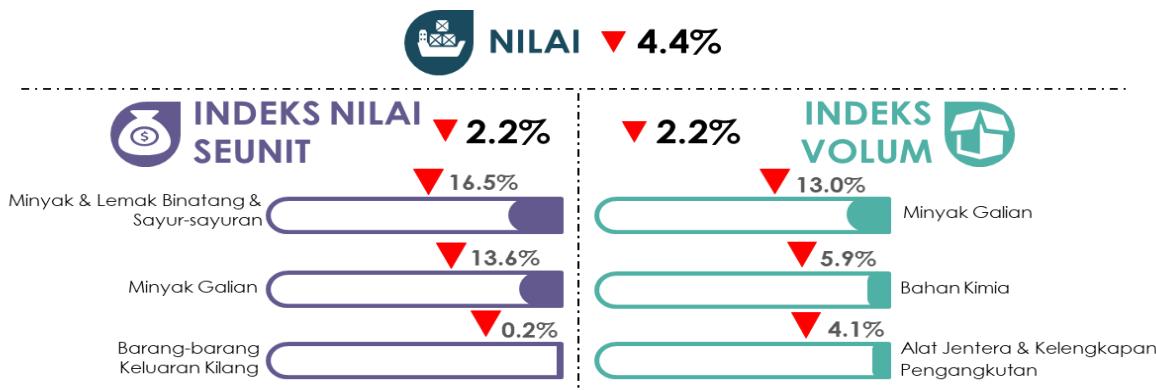
Carta 3: Peratus Perubahan Bulan ke Bulan bagi Indeks Nilai Seunit Eksport & Import
Januari 2021 – Oktober 2023

PERBANDINGAN TAHUN KE TAHUN

EKSPORT

Indeks nilai seunit eksport menunjukkan penurunan 2.2 peratus tahun ke tahun pada Oktober 2023. Kejatuhan ini disumbangkan oleh indeks minyak & lemak binatang & sayur-sayuran (-16.5%), minyak galian (-13.6%) dan barang-barang keluaran kilang (-0.2%).

Begitu juga, indeks volum eksport merosot 2.2 peratus pada Oktober 2023. Kemerosotan ini disumbangkan oleh indeks minyak galian (-13.0%), bahan kimia (-5.9%) dan alat jentera & kelengkapan pengangkutan (-4.1%).

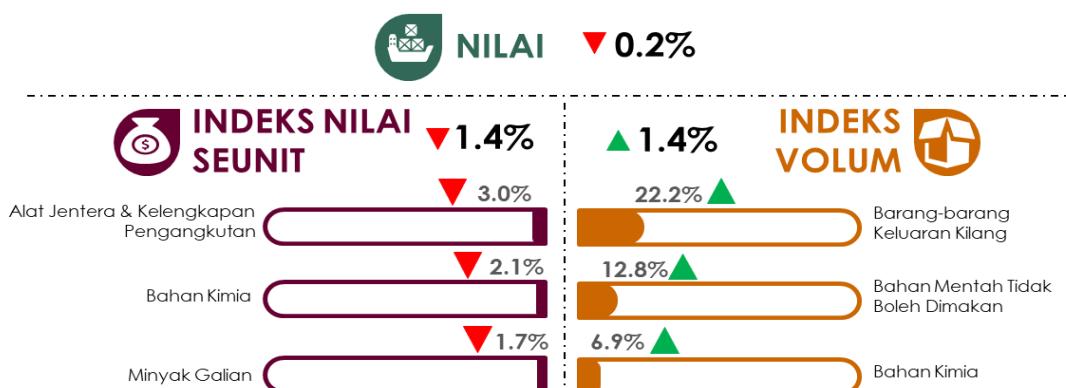


Paparan 3: Prestasi Nilai Eksport, Indeks Nilai Seunit dan Indeks Volum serta Penyumbang Utama Indeks Nilai Seunit dan Indeks Volum Eksport

IMPORT

Indeks volum import menokok 1.4 peratus pada Oktober 2023 berbanding bulan yang sama tahun lalu kepada 196.7 mata. Pertumbuhan positif indeks volum import didorong oleh kenaikan indeks barang-barang keluaran kilang (+22.2%), bahan mentah tidak boleh dimakan (+12.8%) dan bahan kimia (+6.9%).

Sebaliknya, indeks nilai seunit import jatuh 1.4 peratus kepada 131.3 mata pada Oktober 2023 berbanding bulan yang sama tahun sebelumnya. Kejatuhan ini disumbangkan oleh indeks alat jentera & kelengkapan pengangkutan (-3.0%), bahan kimia (-2.1%) dan minyak galian (-1.7%).

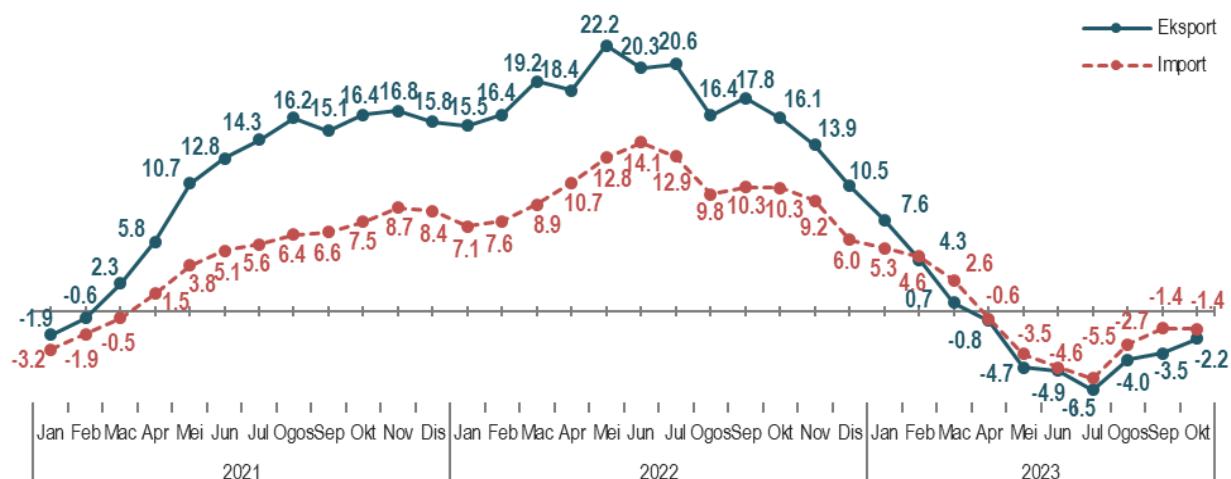


Paparan 4: Prestasi Nilai Import, Indeks Nilai Seunit dan Indeks Volum serta Penyumbang Utama Indeks Nilai Seunit dan Indeks Volum Import

PERBANDINGAN TAHUN KE TAHUN

SIRI MASA INDEKS NILAI SEUNIT EKSPORT & IMPORT

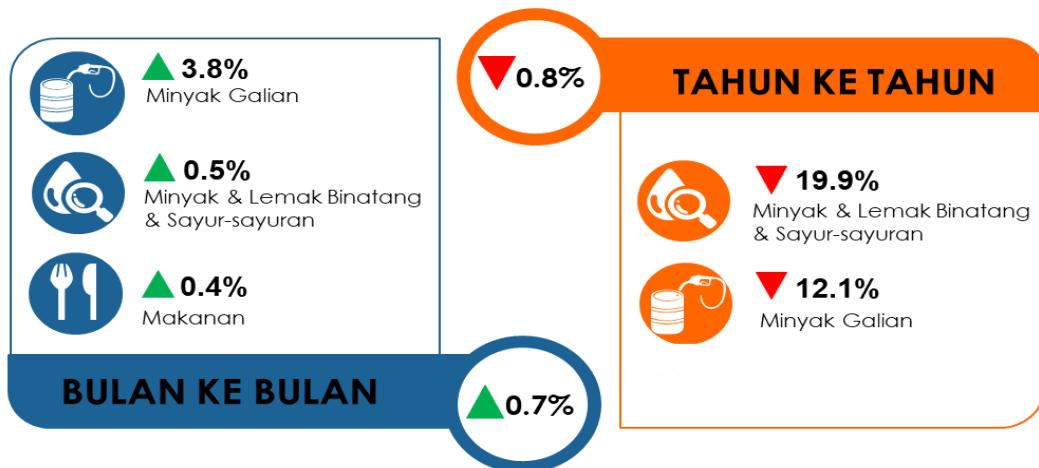
Kedua-dua **indeks nilai seunit eksport** dan **import** kekal menunjukkan pertumbuhan negatif pada Oktober 2023, namun pada kadar yang lebih baik. Pertumbuhan negatif dapat dilihat sejak April 2023, berbanding kenaikan yang direkodkan pada tahun sebelumnya.



Carta 4: Peratus Perubahan Tahun ke Tahun bagi Indeks Nilai Seunit Eksport & Import
Januari 2021 – Oktober 2023

TERMA PERDAGANGAN

Terma perdagangan Malaysia meningkat 0.7 peratus kepada 111.4 mata pada Oktober 2023 berbanding September 2023. Peningkatan ini didorong oleh kenaikan indeks minyak galian (+3.8%), minyak & lemak binatang & sayur-sayuran (+0.5%) dan makanan (+0.4%).

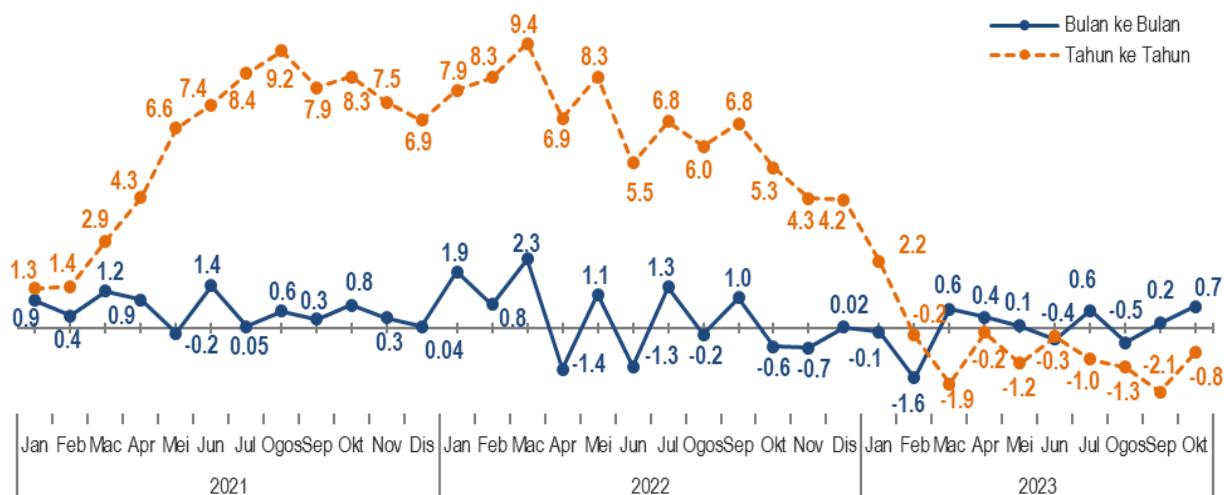


Paparan 5: Penyumbang Utama Terma Perdagangan Mengikut Bulan ke Bulan dan Tahun ke Tahun

Berasaskan tahun ke tahun, **terma perdagangan** Malaysia menyusut 0.8 peratus daripada 112.4 mata pada Oktober tahun lalu. Penyusutan ini disumbangkan oleh penurunan indeks minyak & lemak binatang & sayur-sayuran (-19.9%) dan minyak galian (-12.1%).

SIRI MASA TERMA PERDAGANGAN

Terma perdagangan Malaysia pada Oktober 2023 mengekalkan pertumbuhan negatif sejak Februari 2023, berasaskan prestasi tahun ke tahun. Walau bagaimanapun, prestasi bulan ke bulan terma perdagangan terus menunjukkan trend positif pada Oktober 2023 dengan pertumbuhan yang lebih baik.



Carta 5: Terma Perdagangan, Januari 2021 – Oktober 2023

EXTERNAL TRADE INDICES OCTOBER 2023

MALAYSIA'S TRADE PERFORMANCE

Malaysia's total trade recorded a shrank of 2.4 per cent or RM6.0 billion in October 2023 to post a value of RM239.5 billion as compared to RM245.5 billion in the same month of 2022. Along with that, value of exports and imports also flattened, with each decreasing by 4.4 per cent and 0.2 per cent respectively, year-on-year (y-o-y). Meanwhile, trade surplus declined by 30.3 per cent or RM5.6 billion to RM12.9 billion.

In comparison to September 2023, exports, imports and total trade recorded a positive growth of 1.5 per cent, 13.4 per cent and 6.8 per cent, respectively. Meanwhile, trade surplus registered a negative growth of 47.2 per cent.

The performance of exports, imports and total trade also recorded a fall for the period of January to October 2023 as compared to the same period of the preceding year. Exports shrank by 8.0 per cent to RM1.2 trillion while imports decreased to RM995.6 billion (-8.0%). Concurrently, total trade decreased by 8.0 per cent to RM2.2 trillion while trade surplus was valued at RM190.0 billion, edged down by 7.9 per cent.

MONTH-ON-MONTH COMPARISON

EXPORTS

The **export unit value index** increased by 1.2 per cent in October 2023 on a month-on-month (m-o-m) comparison. The increment was led by the index of mineral fuels (+5.9%), manufactured goods (+0.4%) and chemicals (+0.3%).

Likewise, **export volume index** also increased by 0.3 per cent in the same month which was attributed from the rise in the index of mineral fuels (+14.3%), animal & vegetable oils & fats (+12.7%) and manufactured goods (+4.9%). **The seasonally adjusted export volume index** rose 1.0 per cent from 154.3 points to 155.9 points (**Chart 1**).

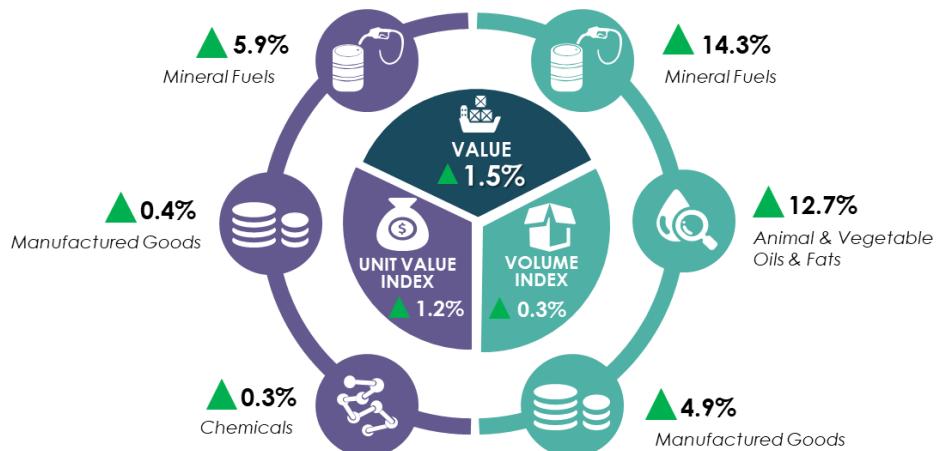


Exhibit 1: Export Value, Unit Value Index and Volume Index Performances and Main Contributors of Export Unit Value and Volume Indices

MONTH-ON-MONTH COMPARISON

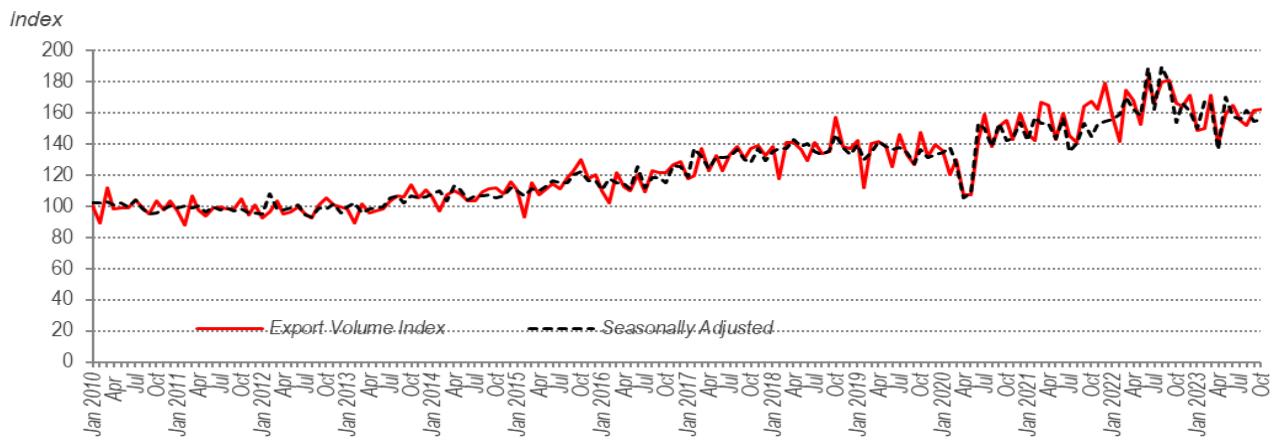


Chart 1: Export Volume Indices - Actual & Seasonally Adjusted

IMPORTS

The **import unit value index** went up by 0.5 per cent in October 2023, contributed by the increase in the index of mineral fuels (+2.0%), machinery & transport equipment (+0.5%) and chemicals (+0.4%).

The **import volume index** also grew by 12.8 per cent in October 2023 as compared to the previous month. The increment was attributed from the index of mineral fuels (+42.3%), chemicals (+10.0%) and machinery & transport equipment (+5.9%). The **seasonally adjusted import volume index** in October 2023 increased by 10.5 per cent from 178.4 points to 197.2 points (**Chart 2**).

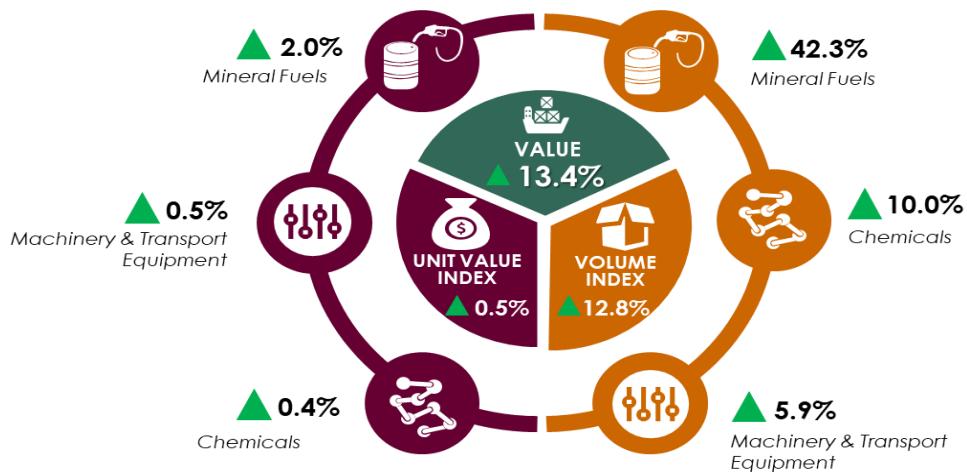


Exhibit 2: Import Value, Unit Value Index and Volume Index Performances and Main Contributors of Import Unit Value and Volume Indices

MONTH-ON-MONTH COMPARISON

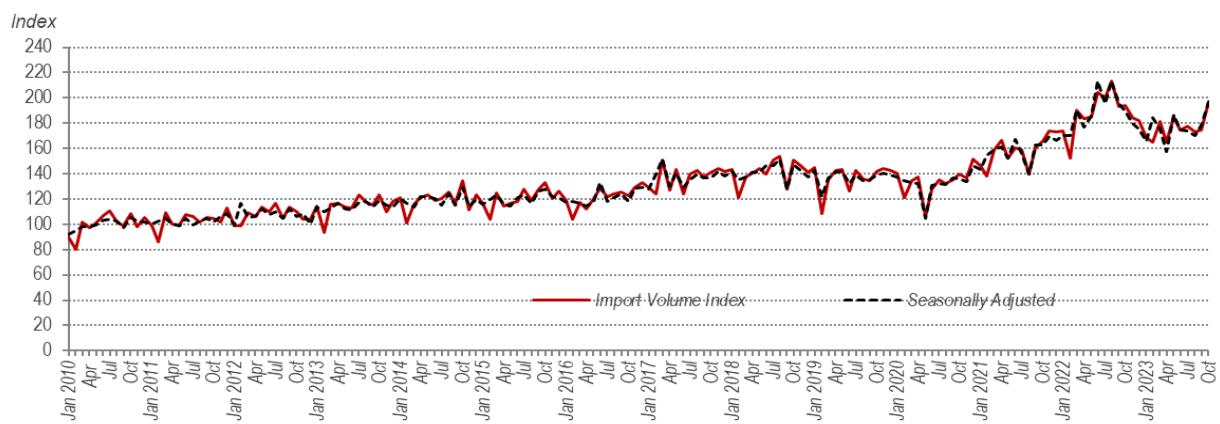


Chart 2: Import Volume Indices - Actual & Seasonally Adjusted

TIME-SERIES OF EXPORT & IMPORT UNIT VALUE INDICES

On a monthly basis, the performance of the **export and import unit value indices** grew at a slower rate in October 2023. The export and import unit value indices were on their respective bumpy ride since March 2023.

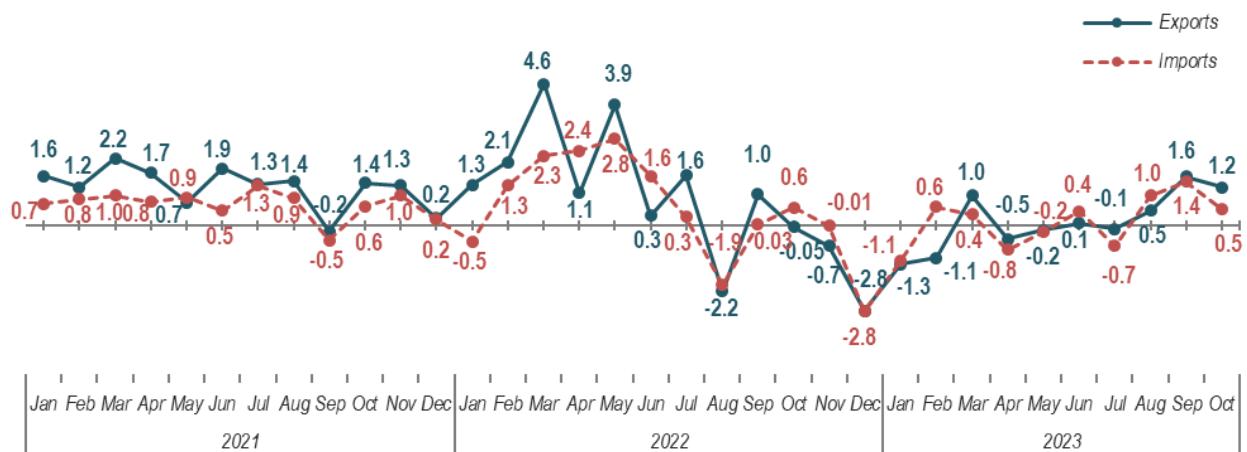


Chart 3: Month-on-Month Percentage Change of Export & Import Unit Value Indices
January 2021 – October 2023

YEAR-ON-YEAR COMPARISON

EXPORTS

The **export unit value index** showed a decline of 2.2 per cent y-o-y in October 2023. The decrement was led by the index of animal & vegetable oils & fats (-16.5%), mineral fuels (-13.6%) and manufactured goods (-0.2%).

Likewise, the **export volume index** fell by 2.2 per cent in October 2023. The deterioration was attributed from the index of mineral fuels (-13.0%), chemicals (-5.9%) and machinery & transport equipment (-4.1%).

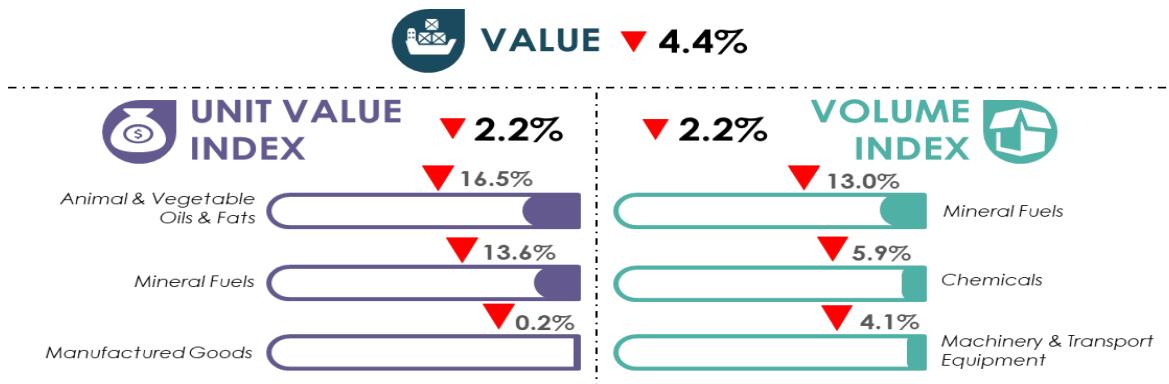


Exhibit 3: Export Value, Unit Value Index and Volume Index Performances and Main Contributors of Export Unit Value and Volume Indices

IMPORTS

The **import volume index** rose by 1.4 per cent in October 2023 as compared to the same month of the previous year to 196.7 points. The positive growth in the **import volume index** was driven by the increase in the index of manufactured goods (+22.2%), inedible crude materials (+12.8%) and chemicals (+6.9%).

Contrary, **import unit value index** dropped 1.4 per cent to 131.3 points in October 2023 as compared to the same month of the previous year. The decline was contributed by the decrement in the index of machinery & transport equipment (-3.0%), chemicals (-2.1%) and mineral fuels (-1.7%).

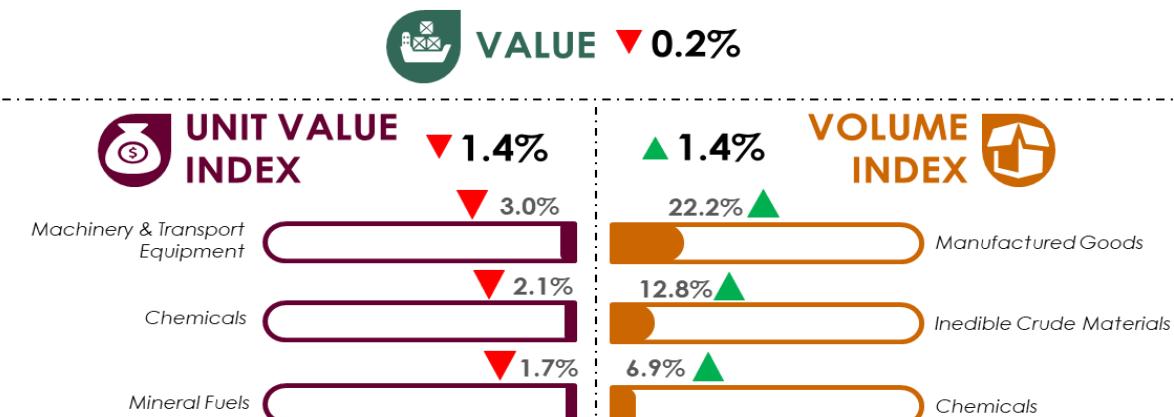


Exhibit 4: Import Value, Unit Value Index and Volume Index Performances and Main Contributors of Import Unit Value and Volume Indices

YEAR-ON-YEAR COMPARISON

TIME-SERIES OF EXPORT & IMPORT UNIT VALUE INDICES

Export and import unit value indices continued to note a negative growth in October 2023, however at a better rate. A negative growth was observed since April 2023, compared to an increase recorded in the previous year.

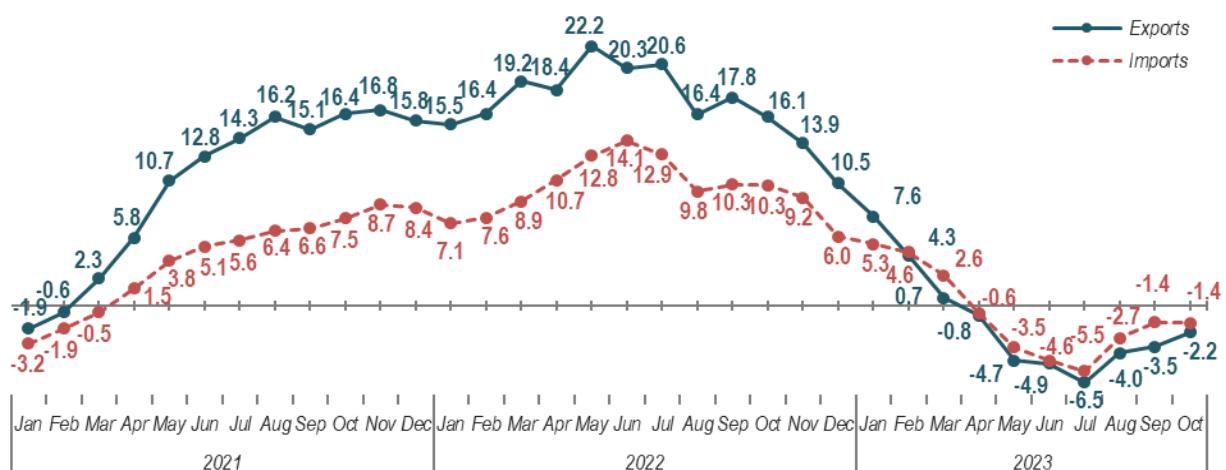


Chart 4: Year-on-Year Percentage Change of Export & Import Unit Value Indices
January 2021 – October 2023

TERMS OF TRADE

Malaysia's **terms of trade** rose 0.7 per cent to 111.4 points in October 2023 as compared to September 2023. The increment was driven by the increase in the index of mineral fuels (+3.8%), animal & vegetable oils & fats (+0.5%) and food (+0.4%).

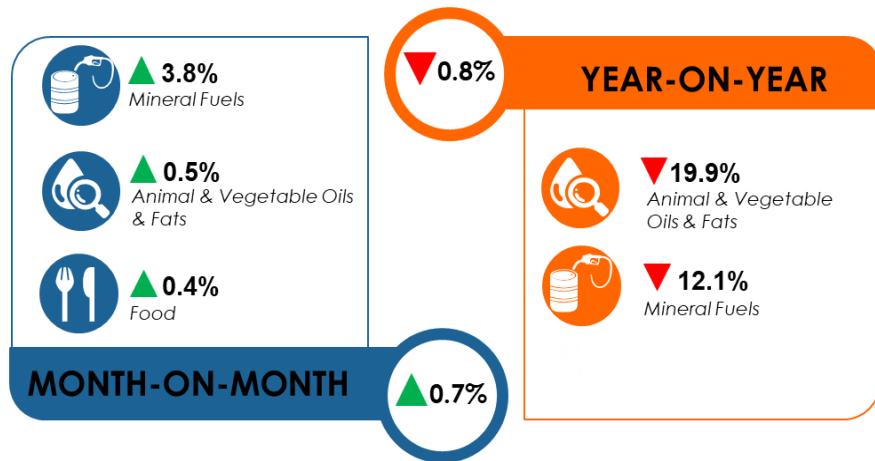


Exhibit 5: Main Contributors of Terms of Trade based Month-on-Month and Year-on-Year

For y-o-y comparison, Malaysia's **terms of trade** decreased by 0.8 per cent from 112.4 points in October of previous year. This was driven by the decline in the index of animal & vegetable oils & fats (-19.9%) and mineral fuels (-12.1%).

TIME-SERIES OF TERMS OF TRADE

Malaysia's **terms of trade** in October 2023 remained its negative growth since February 2023, based on y-o-y performance. However, the monthly performance of the terms of trade continued to show a positive trend in October 2023 with better growth.

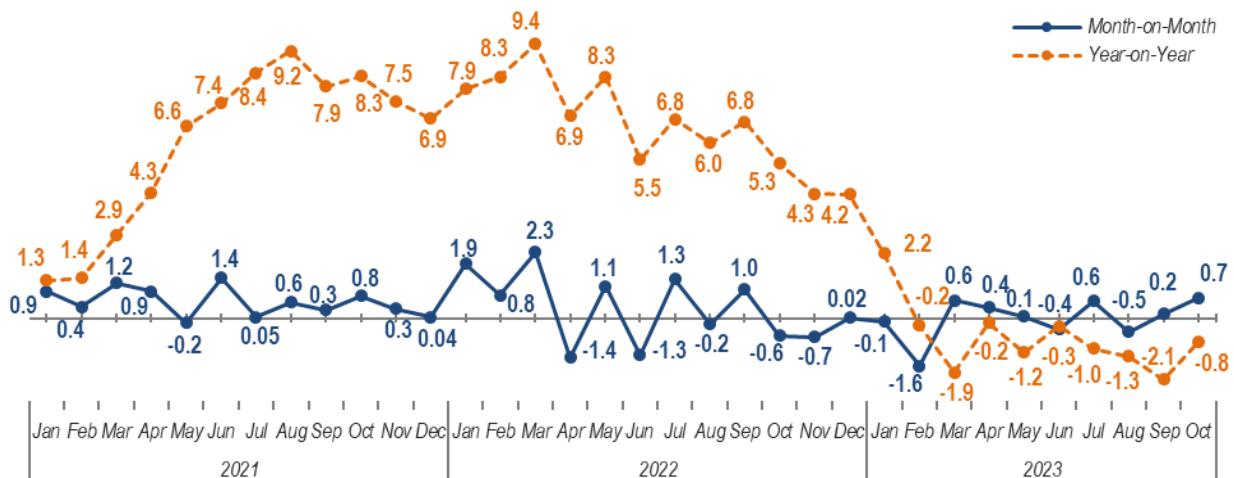


Chart 5: Terms of Trade, January 2021 – October 2023



2. CARTA & JADUAL STATISTIK

STATISTICAL TABLES & CHARTS

MALAYSIA
JADUAL 1A : INDEKS NILAI SEUNIT EKSPORT (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)
 TABLE 1A : EXPORT UNIT VALUE INDICES (2010=100) BY COMMODITY SECTION (S.I.T.C.)

TEMPOH PERIOD	JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	2 BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	3 BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	4 MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	5 BAHAN KIMIA CHEMICALS	6 BARANG- BARANG KELUARAN KILANG MANUFACTURED GOODS	7 JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	8 PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	9 PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES		
		WAJARAN / WEIGHTS	100.0	3.5	0.6	2.7	16.1	6.0	7.8	9.7	42.3	10.9	0.4
2010	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2011	111.3	110.7	100.8	125.1	130.1	127.8	112.7	107.9	102.0	106.0	117.7		
2012	112.4	112.6	101.5	108.5	141.7	113.8	110.8	98.9	105.1	107.7	147.8		
2013	110.5	114.0	102.1	94.7	140.0	96.3	109.8	96.1	105.7	109.8	149.0		
2014	111.7	117.1	103.7	84.7	142.1	101.9	116.3	96.7	105.7	111.7	151.8		
2015	107.1	122.9	108.7	82.0	99.9	93.2	126.7	100.1	109.1	116.5	147.6		
2016	104.9	129.7	115.7	79.9	75.2	100.4	133.7	99.7	109.7	120.4	172.4		
2017	112.5	138.6	124.5	91.2	96.1	113.8	149.0	104.5	111.0	124.3	193.5		
2018	114.4	143.1	132.7	84.9	111.9	97.1	154.8	106.0	110.1	126.2	197.7		
2019	115.3	146.7	142.7	84.4	112.1	87.7	153.7	103.0	112.8	129.0	187.6		
2020	112.4	151.6	147.7	83.8	84.1	107.5	154.5	101.9	114.0	129.9	172.3		
2021	123.9	157.3	152.9	89.9	112.9	159.2	164.2	107.0	116.1	132.2	191.8		
2022	145.2	164.0	159.6	92.5	180.6	188.8	176.8	111.9	128.1	133.6	342.2		
<hr/>													
2021	OCT	OCT	128.9	158.4	154.6	91.0	130.4	172.6	167.8	108.7	117.1	132.4	203.4
	NOV	NOV	130.6	158.7	155.6	91.1	137.4	174.5	169.1	108.5	117.5	132.5	208.2
	DIS	DEC	130.9	159.4	156.7	91.6	133.1	180.4	170.5	109.1	118.4	132.6	231.5
2022	JAN	JAN	132.6	159.6	156.8	91.6	135.9	186.5	171.7	110.0	120.0	132.5	229.8
	FEB	FEB	135.3	160.1	157.0	91.7	146.8	190.6	172.7	110.8	120.8	132.2	242.4
	MAC	MAR	141.5	160.3	157.5	92.1	171.8	203.7	174.5	111.4	122.1	131.9	285.4
	APR	APR	143.0	161.0	157.7	92.3	168.2	219.2	176.6	112.4	123.9	132.5	283.0
	MEI	MAY	148.6	162.8	157.8	93.1	184.4	232.4	178.0	113.1	126.9	133.7	348.6
	JUN	JUN	149.1	163.7	158.0	92.9	184.0	226.6	178.5	112.9	128.7	134.2	382.5
	JUL	JUL	151.5	164.7	159.8	93.4	196.7	223.4	178.5	112.6	129.8	134.7	333.6
	OGOS	AUG	148.3	166.0	159.8	93.6	193.7	182.2	178.0	112.0	129.9	134.7	378.9
	SEP	SEP	149.8	166.2	161.9	93.5	206.4	162.7	178.3	111.7	131.4	134.9	361.4
	OKT	OCT	149.7	167.0	162.3	92.9	199.4	154.1	178.7	112.1	135.2	134.4	422.2
	NOV	NOV	148.7	168.2	163.0	91.6	198.3	143.6	178.8	112.3	135.1	134.6	398.7
	DIS	DEC	144.5	168.5	163.1	91.2	181.3	140.9	177.7	111.4	133.3	133.2	439.5
2023	JAN	JAN	142.7	168.6	163.9	91.3	170.8	141.3	177.1	111.6	133.8	132.9	372.4
	FEB	FEB	141.2	168.8	164.4	90.5	164.6	137.4	176.7	111.1	133.3	132.7	437.1
	MAC	MAR	142.6	170.6	164.6	91.3	161.7	141.8	178.5	111.4	135.2	133.7	583.5
	APR	APR	141.9	171.6	164.9	92.1	154.7	141.3	178.3	111.0	136.9	134.2	540.1
	MEI	MAY	141.7	172.6	165.8	92.7	154.6	138.6	178.4	111.8	137.1	134.1	462.4
	JUN	JUN	141.8	175.1	166.2	93.9	150.0	133.2	178.3	112.3	138.8	135.0	577.1
	JUL	JUL	141.6	175.2	166.8	94.7	149.7	127.5	177.3	112.2	139.7	136.9	496.9
	OGOS	AUG	142.3	175.6	166.9	94.1	157.2	127.0	176.2	111.6	138.6	135.2	548.3
	SEP	SEP	144.6	176.4	167.3	93.4	162.8	130.2	178.1	111.4	140.0	136.6	614.9
	OKT ^p	OCT ^p	146.4	177.3	167.7	93.4	172.4	128.6	178.7	111.9	139.9	136.1	666.7

MALAYSIA

JADUAL 1B : PERATUS PERUBAHAN BULAN KE BULAN INDEKS NILAI SEUNIT BAGI EKSPORT (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)
 TABLE 1B : MONTH-ON-MONTH PERCENTAGE CHANGE EXPORT UNIT VALUE INDICES (2010=100) BY COMMODITY SECTIONS (S.I.T.C.)

TEMPOH PERIOD	JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	3 BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	4 MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	5 BAHAN KIMIA CHEMICALS	6 BARANG- BARANG KELUARAN KILANG MANUFACTURED GOODS	7 JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	8 PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	9 PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES			
		WAJARAN / WEIGHTS	100.0	3.5	0.6	2.7	16.1	6.0	7.8	9.7	42.3	10.9	0.4	
2021	OKT	OCT	1.4	0.1	0.3	-0.1	6.2	3.3	0.9	0.1	-0.2	-0.4	4.1	
	NOV	NOV	1.3	0.2	0.6	0.0	5.4	1.1	0.8	-0.2	0.4	0.1	2.4	
	DIS	DEC	0.2	0.4	0.7	0.6	-3.2	3.4	0.8	0.5	0.8	0.1	11.1	
~	2022	JAN	JAN	1.3	0.1	0.1	0.0	2.1	3.3	0.7	0.9	1.3	-0.1	-0.7
	FEB	FEB	2.1	0.3	0.1	0.1	8.0	2.2	0.6	0.6	0.7	-0.2	5.5	
	MAC	MAR	4.6	0.1	0.3	0.4	17.1	6.9	1.0	0.6	1.1	-0.2	17.7	
	APR	APR	1.1	0.5	0.1	0.2	-2.1	7.6	1.2	0.9	1.5	0.4	-0.8	
	MEI	MAY	3.9	1.1	0.0	0.9	9.6	6.0	0.8	0.6	2.4	0.8	23.2	
	JUN	JUN	0.3	0.5	0.2	-0.2	-0.2	-2.5	0.3	-0.2	1.4	0.4	9.7	
	JUL	JUL	1.6	0.6	1.1	0.4	6.9	-1.4	0.0	-0.2	0.8	0.4	-12.8	
	OGOS	AUG	-2.2	0.8	0.0	0.2	-1.5	-18.4	-0.3	-0.6	0.1	0.0	13.6	
	SEP	SEP	1.0	0.1	1.3	-0.1	6.6	-10.7	0.2	-0.3	1.1	0.2	-4.6	
	OKT	OCT	0.0	0.5	0.2	-0.6	-3.4	-5.3	0.2	0.3	2.9	-0.4	16.8	
	NOV	NOV	-0.7	0.7	0.4	-1.5	-0.6	-6.8	0.1	0.2	-0.1	0.2	-5.6	
	DIS	DEC	-2.8	0.2	0.1	-0.4	-8.6	-1.9	-0.6	-0.8	-1.3	-1.1	10.2	
2023	JAN	JAN	-1.3	0.1	0.5	0.1	-5.8	0.3	-0.3	0.2	0.4	-0.2	-15.3	
	FEB	FEB	-1.1	0.1	0.3	-0.8	-3.6	-2.7	-0.2	-0.5	-0.4	-0.2	17.4	
	MAC	MAR	1.0	1.1	0.1	0.8	-1.8	3.2	1.1	0.3	1.5	0.8	33.5	
	APR	APR	-0.5	0.6	0.2	0.9	-4.3	-0.3	-0.1	-0.3	1.2	0.4	-7.4	
	MEI	MAY	-0.2	0.6	0.6	0.7	-0.1	-1.9	0.1	0.7	0.2	-0.1	-14.4	
	JUN	JUN	0.1	1.4	0.3	1.3	-3.0	-3.9	-0.1	0.4	1.2	0.7	24.8	
	JUL	JUL	-0.1	0.0	0.4	0.9	-0.2	-4.2	-0.6	0.0	0.7	1.4	-13.9	
	OGOS	AUG	0.5	0.3	0.1	-0.7	5.0	-0.4	-0.6	-0.6	-0.8	-1.2	10.3	
	SEP	SEP	1.6	0.4	0.2	-0.8	3.6	2.6	1.1	-0.2	1.0	1.1	12.2	
	OKT ^p	OCT ^p	1.2	0.6	0.3	0.04	5.9	-1.2	0.3	0.4	-0.1	-0.4	8.4	

MALAYSIA

JADUAL 1C : PERATUS PERUBAHAN TAHUN KE TAHUN INDEKS NILAI SEUNIT BAGI EKSPORT (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)
 TABLE 1C : YEAR-ON-YEAR PERCENTAGE CHANGE EXPORT UNIT VALUE INDICES (2010=100) BY COMMODITY SECTION (S.I.T.C.)

TEMPOH PERIOD		JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	2 BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	3 BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	4 MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	5 BAHAN KIMIA CHEMICALS	6 BARANG- BARANG KELUARAN KILANG MANUFACTURED GOODS	7 JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	8 PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	9 PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES	
WAJARAN / WEIGHTS		100.0	3.5	0.6	2.7	16.1	6.0	7.8	9.7	42.3	10.9	0.4	
2011		11.3	10.7	0.8	25.1	30.1	27.8	12.7	7.9	2.0	6.0	17.7	
2012		1.0	1.7	0.7	-13.2	8.9	-11.0	-1.6	-8.3	3.0	1.6	25.6	
2013		-1.7	1.3	0.6	-12.7	-1.2	-15.4	-0.9	-2.9	0.6	1.9	0.8	
2014		1.2	2.7	1.6	-10.6	1.5	5.8	5.9	0.7	0.0	1.8	1.9	
2015		-4.2	4.9	4.8	-3.1	-29.7	-8.5	8.9	3.5	3.2	4.3	-2.7	
2016		-2.0	5.6	6.5	-2.6	-24.7	7.7	5.5	-0.5	0.6	3.3	16.7	
2017		7.2	6.9	7.6	14.2	27.8	13.3	11.5	4.8	1.2	3.2	12.3	
2018		1.6	3.2	6.6	-6.9	16.4	-14.6	3.9	1.4	-0.8	1.6	2.2	
2019		0.8	2.5	7.5	-0.7	0.1	-9.7	-0.7	-2.8	2.5	2.2	-5.1	
2020		-2.5	3.4	3.5	-0.6	-24.9	22.5	0.5	-1.1	1.1	0.7	-8.2	
2021		10.2	3.8	3.5	7.2	34.2	48.1	6.3	5.1	1.8	1.8	11.4	
2022		17.2	4.3	4.4	2.9	60.0	18.6	7.7	4.5	10.3	1.0	78.4	
^o													
2021	OKT	OCT	16.4	3.4	3.9	8.7	86.1	51.4	7.9	6.5	2.4	1.6	24.1
	NOV	NOV	16.8	3.3	4.4	7.1	80.8	50.4	8.3	5.8	3.3	1.7	24.0
	DIS	DEC	15.8	3.5	4.9	6.8	66.7	44.3	8.5	5.7	4.8	1.9	33.5
2022	JAN	JAN	15.5	3.3	4.7	6.5	56.8	40.2	8.4	6.2	6.5	1.5	35.3
	FEB	FEB	16.4	3.2	4.4	5.0	63.6	36.7	8.4	6.2	6.7	1.1	39.3
	MAC	MAR	19.2	3.0	4.4	3.8	76.9	40.6	8.4	6.0	6.8	0.3	58.7
	APR	APR	18.4	3.0	4.1	2.9	65.4	42.6	8.8	6.1	7.7	0.3	54.7
	MEI	MAY	22.2	3.6	3.8	3.5	79.0	46.6	9.2	6.2	10.1	0.7	89.4
	JUN	JUN	20.3	3.8	3.7	2.9	66.5	38.1	9.1	5.1	10.8	1.1	103.9
	JUL	JUL	20.6	4.2	4.8	3.0	66.8	39.9	8.8	4.4	10.4	1.4	76.2
	OGOS	AUG	16.4	4.9	4.1	2.8	56.0	12.6	7.5	3.0	9.9	1.1	93.6
	SEP	SEP	17.8	5.0	5.0	2.6	68.2	-2.6	7.3	2.9	12.0	1.5	85.0
	OKT	OCT	16.1	5.4	5.0	2.1	53.0	-10.7	6.5	3.1	15.5	1.4	107.6
	NOV	NOV	13.9	6.0	4.7	0.5	44.3	-17.7	5.7	3.5	14.9	1.6	91.5
	DIS	DEC	10.5	5.7	4.1	-0.5	36.2	-21.9	4.2	2.1	12.5	0.4	89.9
2023	JAN	JAN	7.6	5.7	4.5	-0.4	25.7	-24.3	3.1	1.4	11.5	0.3	62.1
	FEB	FEB	4.3	5.4	4.7	-1.3	12.2	-27.9	2.3	0.3	10.3	0.4	80.3
	MAC	MAR	0.7	6.4	4.5	-0.9	-5.9	-30.4	2.3	0.0	10.7	1.3	104.5
	APR	APR	-0.8	6.6	4.5	-0.2	-8.0	-35.5	1.0	-1.3	10.5	1.3	90.9
	MEI	MAY	-4.7	6.0	5.1	-0.4	-16.2	-40.4	0.2	-1.1	8.0	0.3	32.6
	JUN	JUN	-4.9	7.0	5.2	1.1	-18.5	-41.2	-0.1	-0.5	7.8	0.6	50.9
	JUL	JUL	-6.5	6.4	4.4	1.5	-23.9	-42.9	-0.7	-0.4	7.6	1.6	49.0
	OGOS	AUG	-4.0	5.8	4.4	0.6	-18.9	-30.3	-1.0	-0.4	6.7	0.4	44.7
	SEP	SEP	-3.5	6.1	3.3	-0.1	-21.2	-20.0	-0.1	-0.3	6.6	1.3	70.1
	OKT ^p	OCT ^p	-2.2	6.2	3.4	0.5	-13.6	-16.5	-0.01	-0.2	3.5	1.3	57.9

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JADUAL 2A : INDEKS VOLUM BAGI EKSPORT (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)
TABLE 2A : EXPORT VOLUME INDICES (2010=100) BY COMMODITY SECTION (S.I.T.C.)

TEMPOH PERIOD	JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	2 BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	3 BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	4 MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	5 BAHAN KIMIA CHEMICALS	6 BARANG- KELUARAN KILANG MANUFACTURED GOODS	7 JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	8 PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	9 PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES		
2010	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
2011	98.1	102.1	110.4	104.6	95.4	106.2	101.1	107.4	94.3	99.4	97.5		
2012	97.9	101.2	130.4	99.6	99.7	103.9	102.5	114.0	90.5	103.9	114.8		
2013	102.0	106.7	135.0	107.7	112.1	94.0	116.1	125.0	92.3	99.9	90.3		
2014	107.4	120.5	139.7	106.1	116.9	92.1	119.9	124.3	100.1	107.4	87.5		
2015	114.2	122.4	150.2	135.4	126.0	95.5	117.9	132.8	106.6	117.4	75.7		
2016	117.2	128.1	150.6	147.2	143.4	93.0	118.9	124.6	110.2	120.4	84.4		
2017	130.2	126.4	126.4	163.8	145.8	91.8	124.2	141.1	128.7	137.1	133.4		
2018	137.4	101.8	95.5	157.1	137.8	89.5	134.9	155.1	142.5	144.6	107.0		
2019	135.2	103.9	86.0	167.6	125.8	98.7	136.1	165.1	137.1	150.5	96.3		
2020	137.2	99.3	62.4	154.3	130.7	94.6	119.4	154.0	138.9	181.3	52.2		
2021	156.7	109.6	58.0	168.2	134.8	90.7	160.9	210.8	160.2	216.9	58.8		
2022	167.0	121.2	61.3	176.7	141.5	100.4	175.0	219.9	187.0	198.3	57.8		
2021	OKT	OCT	167.0	117.4	58.8	181.1	134.1	97.2	175.4	273.6	176.4	194.2	64.1
	NOV	NOV	162.2	121.6	63.3	173.8	130.4	104.4	173.6	241.1	168.9	204.2	65.0
	DIS	DEC	178.8	128.3	78.6	175.6	118.9	114.4	189.8	238.6	204.2	219.5	58.1
2022	JAN	JAN	157.5	111.9	57.4	173.5	105.9	84.8	166.8	243.9	179.3	185.9	64.6
	FEB	FEB	141.3	102.1	49.7	157.9	105.5	75.8	174.0	199.4	157.3	165.4	54.2
	MAC	MAR	174.6	125.2	61.3	208.4	126.6	95.7	185.0	230.1	208.4	207.6	93.1
	APR	APR	167.6	126.9	66.9	217.3	119.4	84.3	197.7	273.8	186.2	208.0	65.3
	MEI	MAY	152.5	108.6	52.2	138.8	131.7	88.1	168.0	203.6	173.7	178.0	53.6
	JUN	JUN	181.9	125.3	50.7	172.1	174.8	108.5	182.9	230.1	197.4	234.3	52.5
	JUL	JUL	166.7	123.5	56.9	200.5	169.7	87.7	174.2	220.2	177.6	198.1	46.2
	OGOS	AUG	179.5	128.2	65.8	186.2	182.8	103.8	172.1	219.5	192.3	218.6	52.2
	SEP	SEP	181.1	122.4	58.5	175.3	155.3	118.4	176.1	214.5	209.8	215.5	47.8
	OKT	OCT	165.8	123.2	62.9	150.1	168.3	99.9	165.8	201.2	179.9	177.1	50.2
	NOV	NOV	164.0	128.3	77.4	168.0	128.5	110.5	170.8	194.9	189.1	191.2	59.3
	DIS	DEC	171.2	128.4	75.7	172.6	130.0	147.5	166.3	207.5	193.4	199.9	54.5
2023	JAN	JAN	148.5	97.7	62.0	164.9	144.1	87.8	141.4	166.0	167.1	153.1	62.6
	FEB	FEB	149.6	112.2	57.5	162.6	145.3	90.8	151.1	193.2	160.1	158.8	43.0
	MAC	MAR	171.1	126.8	84.4	186.7	156.0	119.5	164.7	219.0	183.0	195.9	60.8
	APR	APR	139.4	101.4	59.4	132.6	129.2	91.4	125.7	195.4	153.2	138.7	48.9
	MEI	MAY	158.6	120.8	69.5	166.0	167.2	92.3	152.6	198.4	165.4	172.8	58.8
	JUN	JUN	164.4	117.7	62.0	175.6	143.2	94.8	138.0	219.4	186.2	177.3	54.4
	JUL	JUL	155.1	117.4	63.0	182.1	123.4	101.5	144.3	203.9	172.2	176.7	37.3
	OGOS	AUG	152.0	121.4	66.9	160.3	148.7	101.5	149.9	210.2	153.5	178.9	49.6
	SEP	SEP	161.7	124.1	66.3	150.4	128.2	108.6	149.2	197.2	185.7	183.7	47.0
	OKT ^p	OCT ^p	162.2	129.7	64.6	171.8	146.5	122.3	156.0	206.9	172.4	185.9	56.0

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JADUAL 2B : PERATUS PERUBAHAN BULAN KE BULAN INDEKS VOLUM BAGI EKSPORT (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)
 TABLE 2B : MONTH-ON-MONTH PERCENTAGE CHANGE EXPORT VOLUME INDICES (2010=100) BY COMMODITY SECTION (S.I.T.C.)

TEMPOH PERIOD	JUMLAH TOTAL	0	1	2	3	4	5	6	7	8	9		
		MAKANAN FOOD	MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	BAHAN API GALIAN, PELINCIR, DLL.	MINERAL FUELS, LUBRICANTS, ETC.	MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	BAHAN KIMIA CHEMICALS	BARANG-BARANG KELUARAN KILANG MANUFACTURED GOODS	JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES	
2021	OKT	OCT	1.9	7.1	13.4	-6.4	0.3	-8.4	7.0	8.1	4.1	-4.3	19.8
	NOV	NOV	-2.9	3.6	7.6	-4.0	-2.7	7.5	-1.0	-11.9	-4.3	5.1	1.5
	DIS	DEC	10.2	5.5	24.2	1.0	-8.8	9.5	9.3	-1.0	20.9	7.5	-10.7
2022	JAN	JAN	-11.9	-12.8	-27.0	-1.2	-11.0	-25.8	-12.1	2.2	-12.2	-15.3	11.2
	FEB	FEB	-10.2	-8.7	-13.4	-9.0	-0.4	-10.6	4.3	-18.2	-12.3	-11.0	-16.2
	MAC	MAR	23.6	22.6	23.4	32.0	20.0	26.2	6.4	15.4	32.5	25.6	71.9
	APR	APR	-4.1	1.4	9.0	4.3	-5.7	-12.0	6.9	19.0	-10.6	0.2	-29.9
	MEI	MAY	-9.0	-14.4	-21.9	-36.1	10.3	4.6	-15.0	-25.6	-6.7	-14.4	-17.9
	JUN	JUN	19.3	15.3	-3.0	23.9	32.8	23.1	8.9	13.0	13.6	31.6	-2.0
	JUL	JUL	-8.4	-1.4	12.3	16.5	-2.9	-19.2	-4.7	-4.3	-10.1	-15.5	-12.0
	OGOS	AUG	7.7	3.8	15.7	-7.1	7.7	18.4	-1.2	-0.3	8.3	10.3	12.9
	SEP	SEP	0.9	-4.5	-11.2	-5.8	-15.0	14.0	2.3	-2.3	9.1	-1.4	-8.4
	OKT	OCT	-8.5	0.6	7.6	-14.4	8.4	-15.6	-5.8	-6.2	-14.3	-17.8	5.1
	NOV	NOV	-1.1	4.2	23.0	12.0	-23.7	10.6	3.0	-3.1	5.1	7.9	18.1
	DIS	DEC	4.4	0.1	-2.1	2.7	1.1	33.5	-2.6	6.5	2.3	4.6	-8.2
2023	JAN	JAN	-13.3	-23.9	-18.1	-4.4	10.9	-40.4	-15.0	-20.0	-13.6	-23.4	14.9
	FEB	FEB	0.7	14.8	-7.3	-1.4	0.8	3.4	6.9	16.4	-4.2	3.7	-31.3
	MAC	MAR	14.4	13.0	46.9	14.8	7.4	31.7	9.0	13.4	14.3	23.3	41.6
	APR	APR	-18.5	-20.1	-29.6	-29.0	-17.2	-23.5	-23.7	-10.8	-16.3	-29.2	-19.7
	MEI	MAY	13.8	19.2	17.0	25.2	29.5	0.9	21.4	1.5	7.9	24.6	20.4
	JUN	JUN	3.7	-2.5	-10.9	5.8	-14.4	2.7	-9.5	10.6	12.6	2.6	-7.5
	JUL	JUL	-5.7	-0.3	1.7	3.7	-13.9	7.0	4.6	-7.0	-7.5	-0.4	-31.4
	OGOS	AUG	-2.0	3.4	6.2	-12.0	20.6	0.0	3.9	3.1	-10.9	1.3	33.0
	SEP	SEP	6.4	2.2	-0.9	-6.2	-13.8	7.0	-0.5	-6.2	21.0	2.7	-5.4
	OKT ^p	OCT ^p	0.3	4.5	-2.6	14.2	14.3	12.7	4.5	4.9	-7.2	1.2	19.3

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JADUAL 2C : PERATUS PERUBAHAN TAHUN KE TAHUN INDEKS VOLUM BAGI EKSPORT (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)
 TABLE 2C : YEAR-ON-YEAR PERCENTAGE CHANGE EXPORT VOLUME INDICES (2010=100) BY COMMODITY SECTION (S.I.T.C.)

TEMPOH PERIOD	JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	2 BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	3 BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	4 MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	5 BAHAN KIMIA CHEMICALS	6 BARANG-BARANG KELUARAN KILANG MANUFACTURED GOODS	7 JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	8 PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	9 PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES			
2011	-1.9	2.1	10.4	4.6	-4.6	6.2	1.1	7.4	-5.7	-0.6	-2.5			
2012	-0.2	-0.9	18.2	-4.7	4.5	-2.2	1.3	6.1	-4.0	4.5	17.8			
2013	4.2	5.5	3.5	8.1	12.5	-9.5	13.3	9.6	2.0	-3.9	-21.3			
2014	5.3	13.0	3.5	-1.5	4.3	-2.0	3.3	-0.5	8.5	7.5	-3.1			
2015	6.3	1.6	7.5	27.6	7.8	3.7	-1.6	6.8	6.4	9.3	-13.5			
2016	2.6	4.6	0.3	8.7	13.8	-2.6	0.8	-6.2	3.4	2.5	11.6			
2017	11.1	-1.3	-16.1	11.3	1.7	-1.3	4.5	13.2	16.8	13.9	58.0			
2018	5.5	-19.5	-24.5	-4.1	-5.4	-2.6	8.6	10.0	10.8	5.4	-19.8			
2019	-1.6	2.1	-9.9	6.6	-8.8	10.4	0.9	6.4	-3.8	4.1	-10.0			
2020	1.5	-4.4	-27.5	-7.9	3.9	-4.2	-12.3	-6.7	1.3	20.5	-45.8			
2021	14.2	10.4	-7.0	9.0	3.2	-4.1	34.7	36.9	15.3	19.6	12.8			
2022	6.6	10.5	5.6	5.0	5.0	10.7	8.8	4.3	16.8	-8.6	-1.8			
→	2021	OKT NOV DIS	OCT NOV DEC	7.9 13.9 12.1	10.6 24.7 21.0	-8.3 4.6 -8.8	1.0 7.3 4.1	12.4 3.8 -19.1	-12.6 30.1 -4.4	51.6 39.6 37.2	71.5 51.5 26.6	7.8 16.1 29.2	-13.2 -3.2 -1.9	13.2 72.5 3.3
2022	JAN FEB MAC APR MEI JUN JUL OGOS SEP OKT NOV DIS	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	7.2 -0.5 4.9 1.9 6.9 13.9 14.6 27.5 10.5 -0.7 1.1 -4.2	11.2 2.2 8.6 22.1 12.6 18.0 16.1 16.8 11.6 4.9 5.5 0.1	-8.7 -0.8 -22.4 0.5 5.5 22.1 50.8 16.7 12.7 -9.4 22.3 -3.6	9.6 -16.4 9.6 24.2 -2.7 33.6 10.9 51.9 16.2 -17.1 -3.4 -1.7	-10.4 -26.9 12.4 -30.2 -0.6 17.8 8.7 30.1 11.6 25.5 -1.5 9.3	41.1 12.3 8.7 -5.8 3.9 8.9 -9.3 30.1 11.4 2.8 5.8 28.9	29.5 25.4 7.7 31.6 18.8 8.9 11.4 9.6 12.1 -5.5 -1.6 -12.3	41.4 19.9 5.2 33.3 20.0 18.3 28.9 35.2 23.8 -26.5 -19.2 -13.0	13.2 14.8 21.3 33.3 28.0 27.0 23.7 35.2 23.8 2.0 11.9 -5.3	-15.9 -24.6 -20.0 -18.1 -19.3 -2.4 6.9 20.1 6.2 -8.8 -6.4 -8.9	26.2 4.8 56.2 -14.9 -1.3 -18.0 -15.4 -1.7 -10.7 -21.6 -8.8 -6.2
2023	JAN FEB MAC APR MEI JUN JUL OGOS SEP OKT ^p	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT ^p	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT ^p	-5.7 5.8 -2.0 -16.8 4.0 -9.6 -6.9 -15.3 -10.7 -2.2	-12.6 9.8 1.3 -20.2 11.2 -6.0 -4.9 -5.3 1.4 5.3	8.0 15.7 37.7 -11.1 33.1 22.3 10.7 1.6 13.4 2.6	-4.9 3.0 -10.4 -39.0 19.6 2.0 -9.1 -13.9 -14.2 14.5	36.1 37.7 23.2 8.2 27.0 -18.1 -27.3 -18.7 -17.5 -13.0	3.6 19.8 24.9 8.5 4.7 -12.6 15.7 -2.2 -8.3 22.4	-15.2 -13.1 -11.0 -36.5 -9.2 -24.5 -17.1 -12.9 -15.3 -5.9	-31.9 -3.1 -4.8 -28.6 -2.6 -4.7 -7.4 -4.2 -8.1 2.8	-6.8 1.8 -12.2 -17.7 -4.8 -5.7 -3.0 -20.2 -11.5 -4.1	-17.6 -4.0 -5.7 -33.3 -2.9 -24.3 -10.8 -18.1 -14.7 5.0	-3.1 -20.6 -34.6 -25.1 9.8 3.6 -19.3 -4.9 -1.7 11.5

MALAYSIA
JADUAL 3A : INDEKS NILAI SEUNIT BAGI IMPORT (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)
TABLE 3A : IMPORT UNIT VALUE INDICES (2010=100) BY COMMODITY SECTION (S.I.T.C.)

TEMPOH PERIOD	JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	2 BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	3 BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	4 MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	5 BAHAN KIMIA CHEMICALS	6 BARANG- BARANG KELUARAN KILANG MANUFACTURED GOODS	7 JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	8 PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	9 PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES		
		WAJARAN / WEIGHTS	100.0	6.8	0.6	3.3	12.9	1.1	10.5	13.4	41.8	7.6	2.0
2010	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2011	105.5	106.7	101.5	105.4	125.6	135.4	101.8	102.1	101.8	101.5	125.7		
2012	106.9	109.1	100.9	102.0	130.8	110.7	102.2	102.0	103.7	102.6	138.5		
2013	107.2	111.8	102.4	100.3	128.7	88.9	100.8	102.1	105.5	104.0	131.0		
2014	108.3	116.0	103.3	99.4	127.0	103.7	101.1	102.0	107.3	105.1	121.0		
2015	107.4	119.8	103.5	100.9	93.5	97.6	103.0	102.4	111.0	106.5	136.1		
2016	108.9	120.9	105.5	97.6	75.2	116.0	103.1	100.9	116.6	110.7	159.2		
2017	115.5	131.7	109.3	114.0	99.6	145.8	107.3	106.0	119.0	113.2	166.7		
2018	117.8	135.1	112.1	107.1	121.3	125.5	110.0	107.9	118.1	112.1	156.3		
2019	117.4	138.4	115.1	106.7	109.0	110.4	110.4	108.3	120.1	112.6	172.2		
2020	113.9	141.6	117.0	107.2	79.6	127.1	109.7	107.9	119.0	112.5	212.7		
2021	118.4	144.9	118.9	118.7	100.2	188.7	112.5	112.9	117.5	112.7	218.3		
2022	130.2	148.9	120.2	120.2	156.5	272.8	113.1	115.0	123.2	115.5	228.9		
2021	OKT	OCT	120.8	145.8	119.0	119.8	115.3	197.9	112.9	117.2	113.3	219.9	
	NOV	NOV	122.0	146.1	119.1	119.4	120.4	218.3	113.1	114.4	117.6	113.4	222.6
	DIS	DEC	122.2	146.6	119.3	119.1	117.3	233.6	113.6	114.9	118.2	113.4	227.6
2022	JAN	JAN	121.5	146.7	119.6	118.7	111.9	255.5	113.3	115.1	117.8	113.6	227.9
	FEB	FEB	123.1	146.8	119.7	119.0	122.0	258.5	113.8	115.2	117.9	113.6	230.6
	MAC	MAR	125.9	147.2	120.0	118.7	137.9	268.1	113.9	115.2	118.9	114.1	236.7
	APR	APR	128.9	147.9	119.8	119.4	153.6	283.9	114.2	115.2	120.3	114.5	242.3
	MEI	MAY	132.6	148.8	120.0	120.7	170.4	317.0	113.5	115.5	122.5	114.9	244.1
	JUN	JUN	134.7	148.9	120.0	121.0	183.0	297.1	113.7	115.5	124.0	115.6	240.6
	JUL	JUL	135.1	149.4	120.2	121.1	186.4	284.9	113.1	115.3	124.8	116.1	224.8
	OGOS	AUG	132.4	149.7	120.5	121.5	167.6	273.0	112.7	115.2	124.9	116.2	221.6
	SEP	SEP	132.5	149.7	120.7	121.3	166.1	268.0	112.5	114.8	126.1	116.5	213.1
	OKT	OCT	133.2	150.0	120.8	121.3	160.8	265.4	112.6	114.8	129.3	117.0	219.7
	NOV	NOV	133.2	150.4	120.9	120.7	165.2	264.7	112.5	114.6	127.6	117.1	228.8
	DIS	DEC	129.5	150.8	119.8	119.4	153.8	238.2	111.6	114.2	123.9	116.6	216.6
2023	JAN	JAN	128.0	151.1	119.7	118.9	143.4	239.0	111.1	114.0	123.4	116.3	232.4
	FEB	FEB	128.7	151.2	119.8	117.7	144.9	242.1	110.4	114.1	125.0	116.6	226.0
	MAC	MAR	129.2	152.0	120.0	118.1	144.1	249.4	110.7	114.1	125.7	116.8	234.0
	APR	APR	128.2	152.4	120.2	117.7	144.3	252.9	110.3	114.0	122.5	117.3	247.0
	MEI	MAY	127.9	153.0	120.4	117.6	137.8	248.4	110.1	113.8	124.1	117.5	245.9
	JUN	JUN	128.5	153.1	120.5	117.5	135.5	252.6	110.3	113.9	126.0	117.7	246.7
	JUL	JUL	127.6	153.6	122.9	117.6	136.9	250.8	110.1	113.9	123.4	118.0	242.6
	OGOS	AUG	128.8	154.1	123.3	116.9	146.5	274.8	109.5	113.6	123.3	117.6	235.5
	SEP	SEP	130.6	154.4	123.4	117.0	155.0	281.6	109.8	113.5	124.8	118.0	230.2
	OKT ^p	OCT ^p	131.3	154.6	123.5	117.2	158.1	276.8	110.2	113.5	125.4	118.4	228.2

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JADUAL 3B : PERATUS PERUBAHAN BULAN KE BULAN INDEKS NILAI SEUNIT BAGI IMPORT (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)
 TABLE 3B : MONTH-ON-MONTH PERCENTAGE CHANGE IMPORT UNIT VALUE INDICES (2010=100) BY COMMODITY SECTION (S.I.T.C.)

TEMPOH PERIOD	JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	2 BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	3 BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	4 MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	5 BAHAN KIMIA CHEMICALS	6 BARANG-BARANG KELUARAN KILANG MANUFACTURED GOODS	7 JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	8 PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	9 PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES		
		WAJARAN / WEIGHTS	100.0	6.8	0.6	3.3	12.9	1.1	10.5	13.4	41.8	7.6	2.0
2021	OKT	OCT	0.6	0.0	-0.4	-0.2	4.7	1.4	0.0	0.0	0.0	0.1	-0.4
	NOV	NOV	1.0	0.2	0.1	-0.3	4.5	10.3	0.2	0.1	0.4	0.1	1.2
	DIS	DEC	0.2	0.4	0.1	-0.2	-2.6	7.0	0.4	0.5	0.5	0.0	2.3
2022	JAN	JAN	-0.5	0.1	0.2	-0.3	-4.6	9.3	-0.2	0.1	-0.3	0.1	0.1
	FEB	FEB	1.3	0.1	0.1	0.2	9.0	1.2	0.5	0.1	0.1	0.0	1.2
	MAC	MAR	2.3	0.3	0.3	-0.2	13.1	3.7	0.1	0.0	0.8	0.4	2.6
	APR	APR	2.4	0.5	-0.2	0.6	11.4	5.9	0.0	0.1	1.1	0.4	2.4
	MEI	MAY	2.8	0.7	0.1	1.0	11.0	11.7	-0.3	0.2	1.9	0.3	0.7
	JUN	JUN	1.6	0.1	0.1	0.3	7.4	-6.3	0.2	0.0	1.2	0.6	-1.4
	JUL	JUL	0.3	0.3	0.1	0.0	1.9	-4.1	-0.5	-0.2	0.6	0.4	-6.6
	OGOS	AUG	-1.9	0.2	0.3	0.3	-10.1	-4.2	-0.4	-0.1	0.1	0.1	-1.4
	SEP	SEP	0.0	0.0	0.1	-0.2	-0.9	-1.8	-0.2	-0.4	1.0	0.3	-3.8
	OKT	OCT	0.6	0.2	0.1	0.1	-3.2	-1.0	0.1	0.0	2.5	0.5	3.1
	NOV	NOV	0.0	0.2	0.1	-0.6	2.7	-0.3	-0.1	-0.2	-1.3	0.1	4.2
	DIS	DEC	-2.8	0.2	-0.9	-1.0	-6.9	-10.0	-0.8	-0.3	-2.9	-0.4	-5.3
2023	JAN	JAN	-1.1	0.2	-0.1	-0.5	-6.8	0.3	-0.4	-0.2	-0.4	-0.3	7.3
	FEB	FEB	0.6	0.1	0.0	-1.0	1.1	1.3	-0.6	0.1	1.4	0.3	-2.7
	MAC	MAR	0.4	0.5	0.2	0.3	-0.5	3.0	0.3	0.0	0.5	0.2	3.5
	APR	APR	-0.8	0.3	0.2	-0.4	0.2	1.4	-0.3	-0.1	-2.5	0.4	5.6
	MEI	MAY	-0.2	0.4	0.1	-0.1	-4.5	-1.8	-0.2	-0.2	1.3	0.2	-0.5
	JUN	JUN	0.4	0.1	0.1	-0.1	-1.6	1.7	0.2	0.1	1.5	0.2	0.3
	JUL	JUL	-0.7	0.3	2.0	0.1	1.0	-0.7	-0.3	0.0	-2.0	0.3	-1.6
	OGOS	AUG	1.0	0.3	0.3	-0.6	7.0	9.6	-0.5	-0.3	-0.1	-0.3	-2.9
	SEP	SEP	1.4	0.2	0.1	0.1	5.8	2.4	0.3	-0.1	1.3	0.3	-2.3
	OKT ^p	OCT ^p	0.5	0.1	0.1	0.2	2.0	-1.7	0.4	0.002	0.5	0.4	-0.9

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JADUAL 3C : PERATUS PERUBAHAN TAHUN KE TAHUN INDEKS NILAI SEUNIT BAGI IMPORT (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)
TABLE 3C : YEAR-ON-YEAR PERCENTAGE CHANGE IMPORT UNIT VALUE INDICES (2010=100) BY COMMODITY SECTION (S.I.T.C.)

TEMPOH PERIOD		JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	2 BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	3 BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	4 MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	5 BAHAN KIMIA CHEMICALS	6 BARANG-BARANG KELUARAN KILANG MANUFACTURED GOODS	7 JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	8 PELEBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	9 PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES
WAJARAN / WEIGHTS		100.0	6.8	0.6	3.3	12.9	1.1	10.5	13.4	41.8	7.6	2.0
2011		5.5	6.7	1.5	5.4	25.6	35.4	1.8	2.1	1.8	1.5	25.7
2012		1.3	2.3	-0.6	-3.2	4.1	-18.2	0.4	-0.1	1.8	1.1	10.1
2013		0.3	2.5	1.5	-1.6	-1.5	-19.7	-1.4	0.1	1.8	1.4	-5.4
2014		1.0	3.7	0.9	-0.9	-1.4	16.6	0.3	-0.1	1.7	1.1	-7.6
2015		-0.8	3.3	0.2	1.5	-26.4	-5.9	1.9	0.4	3.5	1.3	12.4
2016		1.4	0.9	1.9	-3.3	-19.6	18.9	0.2	-1.4	5.0	4.0	17.0
2017		6.1	8.9	3.6	16.8	32.5	25.8	4.1	5.0	2.0	2.2	4.7
2018		2.0	2.6	2.6	-6.0	21.7	-13.9	2.4	1.8	-0.7	-1.0	-6.3
2019		-0.3	2.5	2.7	-0.3	-10.1	-12.0	0.3	0.4	1.7	0.4	10.2
2020		-3.0	2.3	1.7	0.4	-27.0	15.1	-0.6	-0.3	-0.9	-0.1	23.6
2021		3.9	2.3	1.6	10.7	25.8	48.5	2.6	4.6	-1.3	0.2	2.6
2022		10.0	2.8	1.1	1.3	56.3	44.6	0.5	1.9	4.8	2.4	4.8
₹	2021	OCT	OCT	7.5	2.8	1.3	11.0	67.8	53.4	2.8	5.5	-0.7
	NOV	NOV		8.7	2.9	1.4	7.5	78.9	54.4	2.6	5.2	0.0
	DIS	DEC		8.4	3.2	1.3	5.4	63.7	53.5	2.9	5.2	1.2
2022	JAN	JAN	7.1	3.2	1.4	5.2	45.0	61.1	2.1	4.9	1.2	1.5
	FEB	FEB	7.6	2.9	1.3	4.3	48.7	58.9	2.3	4.4	1.0	1.4
	MAC	MAR	8.9	2.8	1.5	1.0	60.7	56.6	1.9	3.9	1.2	1.5
	APR	APR	10.7	2.6	1.2	-0.8	74.0	60.0	1.4	3.3	2.1	14.4
	MEI	MAY	12.8	2.8	1.0	0.6	80.2	74.5	0.9	2.5	4.3	2.1
	JUN	JUN	14.1	2.4	0.8	0.0	90.5	56.6	0.8	1.8	5.5	2.7
	JUL	JUL	12.9	2.5	0.7	0.7	79.6	51.8	-0.1	1.2	5.4	2.8
	OGOS	AUG	9.8	2.6	0.9	1.2	50.6	43.3	-0.4	0.9	5.8	2.7
	SEP	SEP	10.3	2.7	1.0	1.0	50.9	37.3	-0.3	0.4	7.7	3.0
	OKT	OCT	10.3	2.9	1.5	1.3	39.5	34.1	-0.2	0.4	10.4	3.3
	NOV	NOV	9.2	3.0	1.5	1.1	37.2	21.2	-0.5	0.2	8.6	3.3
	DIS	DEC	6.0	2.8	0.4	0.3	31.1	1.9	-1.8	-0.6	4.8	2.8
2023	JAN	JAN	5.3	3.0	0.1	0.1	28.1	-6.5	-2.0	-0.9	4.7	2.4
	FEB	FEB	4.6	3.0	0.1	-1.1	18.8	-6.3	-3.0	-0.9	6.0	2.6
	MAC	MAR	2.6	3.3	0.0	-0.5	4.5	-7.0	-2.8	-0.9	5.6	2.4
	APR	APR	-0.6	3.1	0.3	-1.5	-6.0	-10.9	-3.1	-1.1	1.8	2.0
	MEI	MAY	-3.5	2.8	0.4	-2.5	-19.2	-21.6	-3.0	-1.4	1.3	2.3
	JUN	JUN	-4.6	2.8	0.4	-2.9	-25.9	-15.0	-3.0	-1.4	1.6	1.9
	JUL	JUL	-5.5	2.8	2.3	-2.8	-26.5	-12.0	-2.7	-1.2	-1.1	1.7
	OGOS	AUG	-2.7	2.9	2.3	-3.8	-12.6	0.7	-2.9	-1.4	-1.3	1.3
	SEP	SEP	-1.4	3.1	2.2	-3.5	-6.7	5.1	-2.4	-1.1	-1.0	1.3
	OKT ^p	OCT ^p	-1.4	3.1	2.2	-3.4	-1.7	4.3	-2.1	-1.1	-3.0	1.2

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JADUAL 4A : INDEKS VOLUM BAGI IMPORT (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)
TABLE 4A : IMPORT VOLUME INDICES (2010=100) BY COMMODITY SECTION (S.I.T.C.)

TEMPOH PERIOD	JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	2 BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	3 BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	4 MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	5 BAHAN KIMIA CHEMICALS	6 BARANG-BARANG KELUARAN KILANG MANUFACTURED GOODS	7 JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	8 PELBAGAI BARANG KILANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	9 PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES	
		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2010	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2011	102.8	106.7	129.4	120.8	102.3	119.1	110.6	112.1	95.8	110.6	103.5	
2012	107.4	109.3	159.2	125.5	125.1	120.9	111.5	112.5	98.3	113.7	98.9	
2013	114.5	114.8	168.5	122.5	154.8	65.6	123.2	127.6	100.1	111.1	130.2	
2014	119.4	121.6	166.4	113.7	171.6	61.7	136.4	130.8	101.7	123.8	133.3	
2015	120.8	125.1	186.6	114.7	171.7	98.8	141.5	133.5	102.2	147.6	120.9	
2016	121.4	127.8	182.5	130.8	181.1	65.3	149.1	132.9	103.6	153.5	89.2	
2017	137.2	128.8	143.1	152.3	203.8	64.2	167.8	141.1	119.8	165.0	119.1	
2018	141.4	122.8	144.4	175.7	197.8	74.5	181.1	145.7	123.5	166.2	118.7	
2019	137.0	122.9	137.4	201.3	214.6	82.1	176.5	139.5	113.3	164.3	97.6	
2020	133.1	129.5	95.3	196.9	224.1	95.3	163.0	128.6	112.3	154.9	80.4	
2021	157.9	145.2	93.9	254.4	235.3	108.2	207.3	143.8	135.6	180.5	134.7	
2022	188.0	167.9	128.7	227.7	288.2	93.0	248.1	168.2	165.4	223.4	126.0	
G1	2021	OKT	OCT	165.5	146.1	77.4	239.2	249.6	98.8	207.5	136.5	149.5
	NOV	NOV	174.2	152.8	99.6	258.1	249.2	106.9	233.2	154.3	156.2	198.6
	DIS	DEC	173.0	164.3	124.7	255.2	189.6	79.2	237.2	168.4	160.2	208.5
G2	2022	JAN	JAN	173.7	181.8	109.5	254.7	203.7	86.3	247.3	168.4	155.9
	FEB	FEB	152.6	132.7	85.6	196.9	207.5	131.2	221.9	140.0	135.8	175.6
	MAC	MAR	190.2	167.9	151.7	253.6	307.2	110.3	261.3	173.2	163.1	229.7
	APR	APR	183.8	157.9	102.9	304.7	258.8	92.5	259.2	177.4	160.9	207.4
	MEI	MAY	185.0	172.8	103.6	230.5	243.3	74.3	242.8	169.1	171.1	215.3
	JUN	JUN	204.6	168.8	124.0	241.4	310.2	83.9	279.0	206.7	176.2	232.7
	JUL	JUL	199.6	167.7	151.6	199.7	331.6	111.0	258.9	177.6	169.9	233.1
	OGOS	AUG	213.5	184.4	154.6	226.7	421.9	104.1	264.3	168.7	173.5	254.5
	SEP	SEP	193.1	167.7	130.3	211.7	296.1	111.0	246.8	164.3	173.5	217.0
	OKT	OCT	193.9	175.6	133.2	191.4	349.3	58.6	230.2	145.5	174.6	215.7
	NOV	NOV	184.3	171.9	146.5	227.8	249.2	70.4	234.1	160.1	169.7	250.6
	DIS	DEC	182.1	165.2	151.6	193.1	279.4	81.9	231.1	167.2	160.5	247.7
G3	2023	JAN	JAN	168.3	161.9	126.9	178.4	261.9	93.5	220.3	156.9	148.0
	FEB	FEB	164.1	150.3	121.4	154.6	329.2	72.5	218.0	138.8	133.7	172.0
	MAC	MAR	181.6	185.3	94.0	232.6	286.3	53.5	242.6	174.8	155.7	218.9
	APR	APR	164.6	167.0	118.4	176.9	278.2	51.3	212.9	158.0	143.2	176.2
	MEI	MAY	185.0	173.3	120.3	198.9	346.2	61.0	253.5	180.4	151.6	199.3
	JUN	JUN	174.6	159.8	134.5	177.0	358.6	72.3	222.0	160.2	140.2	197.3
	JUL	JUL	177.7	166.1	137.0	180.0	315.4	74.0	228.6	168.6	151.2	211.8
	OGOS	AUG	173.1	160.9	133.4	181.5	261.4	73.0	221.8	163.8	156.2	205.7
	SEP	SEP	174.3	169.6	132.2	196.3	245.9	38.8	223.7	176.1	158.7	210.2
	OKT^p	OCT^p	196.7	184.3	146.7	216.0	349.9	48.2	246.0	177.8	168.1	218.5

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JADUAL 4B : PERATUS PERUBAHAN BULAN KE BULAN INDEKS VOLUM BAGI IMPORT (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)
 TABLE 4B : MONTH-ON-MONTH PERCENTAGE CHANGE IMPORT VOLUME INDICES (2010=100) BY COMMODITY SECTION (S.I.T.C.)

TEMPOH PERIOD	JUMLAH TOTAL	0	1	2	3	4	5	6	7	8	9		
		MAKANAN FOOD	MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	BAHAN KIMIA CHEMICALS	BARANG-BARANG KELUARAN KILANG MANUFACTURED GOODS	JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES		
2021	OKT	OCT	3.2	-3.1	-6.2	-5.3	8.1	5.1	-1.5	3.7	4.8	0.4	10.5
	NOV	NOV	5.2	4.6	28.8	7.9	-0.2	8.2	12.4	13.0	4.5	11.5	-33.1
	DIS	DEC	-0.7	7.5	25.1	-1.2	-23.9	-25.9	1.7	9.1	2.6	5.0	6.1
2022	JAN	JAN	0.4	10.7	-12.2	-0.2	7.5	8.9	4.3	0.0	-2.7	-3.6	-9.9
	FEB	FEB	-12.2	-27.0	-21.8	-22.7	1.8	52.0	-10.3	-16.9	-12.9	-12.7	-19.2
	MAC	MAR	24.6	26.5	77.2	28.8	48.1	-15.9	17.8	23.7	20.1	30.8	-8.9
	APR	APR	-3.4	-6.0	-32.2	20.2	-15.8	-16.1	-0.8	2.4	-1.4	-9.7	18.3
	MEI	MAY	0.7	9.4	0.7	-24.4	-6.0	-19.7	-6.3	-4.7	6.4	3.8	97.6
	JUN	JUN	10.6	-2.3	19.6	4.7	27.5	12.8	14.9	22.2	3.0	8.1	-5.8
	JUL	JUL	-2.4	-0.7	22.3	-17.3	6.9	32.4	-7.2	-14.1	-3.6	0.2	-2.8
	OGOS	AUG	6.9	10.0	2.0	13.5	27.2	-6.2	2.1	-5.0	2.1	9.2	-20.3
	SEP	SEP	-9.6	-9.1	-15.8	-6.6	-29.8	6.6	-6.6	-2.6	0.0	-14.7	23.9
	OKT	OCT	0.4	4.7	2.2	-9.6	18.0	-47.2	-6.7	-11.4	0.6	-0.6	-30.1
61	NOV	NOV	-5.0	-2.1	10.0	19.0	-28.7	20.1	1.7	10.0	-2.8	16.2	-2.3
	DIS	DEC	-1.2	-3.9	3.5	-15.2	12.1	16.3	-1.3	4.4	-5.4	-1.2	-19.1
2023	JAN	JAN	-7.6	-2.0	-16.3	-7.6	-6.3	14.2	-4.7	-6.1	-7.8	-17.0	-20.2
	FEB	FEB	-2.5	-7.1	-4.4	-13.3	25.7	-22.5	-1.0	-11.5	-9.7	-16.4	61.0
	MAC	MAR	10.7	23.2	-22.5	50.4	-13.0	-26.2	11.3	25.9	16.5	27.3	-31.5
	APR	APR	-9.4	-9.9	25.9	-23.9	-2.8	-4.2	-12.2	-9.6	-8.1	-19.5	-10.3
	MEI	MAY	12.4	3.8	1.6	12.4	24.5	18.9	19.1	14.1	5.9	13.1	42.2
	JUN	JUN	-5.6	-7.8	11.8	-11.0	3.6	18.5	-12.5	-11.2	-7.5	-1.0	5.0
	JUL	JUL	1.8	3.9	1.9	1.7	-12.0	2.4	3.0	5.2	7.8	7.4	-20.4
	OGOS	AUG	-2.6	-3.1	-2.6	0.8	-17.1	-1.3	-3.0	-2.8	3.3	-2.9	19.4
	SEP	SEP	0.7	5.5	-0.9	8.2	-6.0	-46.9	0.9	7.5	1.6	2.2	-7.9
	OKT ^p	OCT ^p	12.8	8.6	11.0	10.0	42.3	24.2	10.0	1.0	5.9	3.9	37.5

MALAYSIA
JADUAL 4C : PERATUS PERUBAHAN TAHUN KE TAHUN INDEKS VOLUM BAGI IMPORT (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)
TABLE 4C : YEAR-ON-YEAR PERCENTAGE CHANGE IMPORT VOLUME INDICES (2010=100) BY COMMODITY SECTION (S.I.T.C.)

TEMPOH PERIOD	JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	2 BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	3 BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	4 MINYAK DAN LEMAK BINATANG DAN SAYUR- SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	5 BAHAN KIMIA CHEMICALS	6 BARANG-BARANG KELUARAN KILANG MANUFACTURED GOODS	7 JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	8 PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	9 PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES		
2011	2.8	6.7	29.4	20.9	2.3	19.1	10.6	12.1	-4.2	10.6	3.5		
2012	4.4	2.4	23.0	3.8	22.3	1.5	0.8	0.3	2.5	2.8	-4.5		
2013	6.6	5.0	5.9	-2.4	23.8	-45.7	10.5	13.4	1.8	-2.2	31.7		
2014	4.3	5.9	-1.2	-7.2	10.9	-6.0	10.8	2.5	1.6	11.4	2.4		
2015	1.1	2.9	12.1	0.8	0.0	60.2	3.7	2.1	0.5	19.2	-9.3		
2016	0.6	2.1	-2.2	14.1	5.5	-33.9	5.4	-0.5	1.4	4.0	-26.2		
2017	12.9	0.8	-21.6	16.5	12.6	-1.6	12.5	6.2	15.7	7.5	33.5		
2018	3.1	-4.7	0.9	15.4	-3.0	16.0	8.0	3.3	3.0	0.7	-0.3		
2019	-3.1	0.1	-4.8	14.6	8.5	10.2	-2.5	-4.3	-8.2	-1.2	-17.8		
2020	-2.8	5.3	-30.6	-2.2	4.4	16.0	-7.7	-7.8	-0.9	-5.7	-17.7		
2021	18.6	12.1	-1.4	29.2	5.0	13.6	27.2	11.8	20.7	16.5	67.6		
2022	19.1	15.6	37.0	-10.5	22.5	-14.1	19.7	16.9	22.0	23.7	-6.5		
2021	OKT NOV DIS	OCT NOV DEC	18.7 27.2 14.2	12.4 17.6 20.6	-32.6 -15.5 7.5	13.6 24.9 1.3	-5.3 16.5 -7.2	28.9 5.6 -57.2	27.3 38.7 23.5	1.2 19.1 17.0	26.8 34.6 25.0	5.8 18.6 13.2	118.3 -11.7 -11.8
2022	JAN FEB MAC APR MEI JUN JUL OGOS SEP OKT NOV DIS	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC	18.7 10.3 19.5 10.3 21.7 27.6 25.6 52.5 20.4 17.1 5.8 5.2	38.4 8.1 13.5 1.7 27.4 10.2 13.9 36.8 11.2 20.2 12.5 0.6	28.6 7.1 64.9 22.0 7.0 12.3 68.9 66.2 58.0 72.1 47.0 21.6	1.1 -17.7 -2.4 -22.4 -8.8 -5.5 -40.4 11.6 -16.2 -20.0 -11.7 -24.3	-3.2 -12.0 45.0 -22.4 11.4 17.6 26.4 150.2 28.3 39.9 0.0 47.4	-44.2 25.6 -2.2 -3.9 -23.8 -39.9 -1.7 2.4 18.0 40.7 -34.2 3.4	38.6 28.2 22.7 14.8 18.0 25.3 29.0 32.7 17.2 10.9 0.4 -2.6	20.7 28.2 17.8 14.8 13.6 34.4 33.6 31.1 24.7 6.6 3.7 -0.7	26.8 8.2 17.8 22.6 13.6 34.2 26.3 37.3 21.6 16.8 8.6 0.2	21.9 19.5 24.8 7.8 14.1 29.0 32.9 52.9 22.3 21.1 26.2 18.8	-38.0 13.7 27.2 -47.1 77.3 182.1 237.5 90.8 10.0 -30.4 1.7 -22.5
2023	JAN FEB MAC APR MEI JUN JUL OGOS SEP OKT ^p	JAN FEB MAR APR MAY JUN JUL AUG SEP OCT ^p	-3.1 7.5 -4.5 -10.4 0.0 -14.7 -11.0 -18.9 -9.7 1.4	-11.0 13.3 10.3 5.7 0.3 -5.3 -1.0 -12.8 1.2 4.9	16.0 41.7 -38.0 15.1 16.1 8.5 -9.6 -13.7 1.5 10.2	-30.0 -21.5 -8.3 -41.9 -13.7 -26.7 -9.9 -19.9 -7.3 12.8	28.5 58.7 -6.8 7.5 42.3 15.6 -4.9 -38.0 -17.0 0.2	8.4 -44.7 -51.5 -44.6 -18.0 -13.8 -33.3 -29.8 -65.1 -17.9	-10.9 -1.7 -7.1 -17.8 -4.4 -20.4 -11.7 -16.1 -9.4 6.9	-6.8 -0.8 0.9 -10.9 6.6 -22.5 -5.1 -2.9 7.2 22.2	-5.1 -1.5 -4.5 -11.0 -11.4 -20.4 -11.0 -10.0 -8.5 -3.7	2.3 -2.1 -4.7 -15.0 -7.4 -15.2 -9.1 -19.2 -3.1 1.3	-31.4 36.8 2.8 -22.1 -43.9 -37.5 -48.8 -23.4 -43.0 12.1

MALAYSIA
JADUAL 5A : TERMA PERDAGANGAN (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C)
TABLE 5A: TERMS OF TRADE (2010=100) BY COMMODITY SECTION (S.I.T.C.)

TEMPOH PERIOD	JUMLAH TOTAL	0	1	2	3	4	5	6	7	8	9			
		MAKANAN FOOD	MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	BAHAN KIMIA CHEMICALS	BARANG- BARANG KELUARAN KILANG MANUFACTURED GOODS	JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES			
2010	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
2011	105.5	103.8	99.4	118.7	103.5	95.1	110.7	105.7	100.2	104.4	93.6			
2012	105.1	103.2	100.7	106.3	108.6	103.3	108.4	97.0	101.3	105.0	106.8			
2013	103.0	102.0	99.7	94.4	108.7	108.8	109.0	94.1	100.2	105.5	114.1			
2014	103.2	101.0	100.4	85.1	112.1	98.8	115.1	94.8	98.5	106.3	125.4			
2015	99.7	102.6	105.0	81.2	107.2	95.6	123.0	97.8	98.2	109.4	108.5			
2016	96.4	107.4	109.7	81.9	100.3	86.8	129.6	98.8	94.0	108.7	108.2			
2017	97.4	105.3	113.9	80.0	96.6	78.0	138.8	98.6	93.3	109.8	116.1			
2018	97.1	105.9	118.4	79.3	92.5	77.5	140.8	98.2	93.2	112.6	126.5			
2019	98.2	106.0	124.0	78.9	103.0	79.4	139.3	95.0	93.9	114.6	109.4			
2020	98.7	107.0	126.2	78.2	105.4	84.6	140.8	94.4	95.8	115.3	81.6			
2021	104.6	108.6	128.6	75.7	112.6	84.6	145.9	94.8	98.8	117.3	87.8			
2022	111.5	110.2	132.8	76.9	116.0	68.9	156.4	97.3	104.0	115.7	150.3			
8	2021	OKT	OCT	106.7	108.6	129.9	76.0	113.1	87.2	148.6	95.1	99.9	116.9	92.5
		NOV	NOV	107.0	108.6	130.6	76.3	114.1	79.9	149.5	94.8	99.9	116.9	93.6
		DIS	DEC	107.1	108.7	131.3	76.9	113.5	77.2	150.1	94.9	100.2	116.9	101.7
	2022	JAN	JAN	109.1	108.8	131.1	77.1	121.4	73.0	151.5	95.6	101.9	116.6	100.8
		FEB	FEB	109.9	109.1	131.2	77.1	120.4	73.7	152.0	96.2	102.4	116.3	105.1
		MAC	MAR	112.4	108.9	131.2	77.5	124.6	76.0	153.2	96.7	102.7	115.7	120.6
		APR	APR	110.9	108.9	131.7	77.3	109.5	77.2	154.6	97.6	103.0	115.7	116.8
		MEI	MAY	112.1	109.4	131.5	77.1	108.2	73.3	156.8	97.9	103.6	116.3	142.8
		JUN	JUN	110.7	109.9	131.7	76.8	100.5	76.3	157.0	97.7	103.8	116.1	159.0
		JUL	JUL	112.2	110.2	133.0	77.1	105.6	78.4	157.8	97.7	104.0	116.1	148.4
		OGOS	AUG	111.9	110.9	132.6	77.0	115.6	66.7	157.9	97.2	104.0	115.9	171.0
		SEP	SEP	113.0	111.0	134.1	77.1	124.3	60.7	158.5	97.3	104.2	115.8	169.6
		OKT	OCT	112.4	111.3	134.4	76.6	124.0	58.1	158.7	97.7	104.5	114.8	192.2
		NOV	NOV	111.6	111.8	134.8	75.9	120.0	54.3	159.0	98.0	105.8	114.9	174.3
		DIS	DEC	111.6	111.8	136.2	76.3	117.9	59.2	159.3	97.5	107.6	114.2	202.9
2023	JAN	JAN	111.5	111.6	136.9	76.8	119.1	59.1	159.4	97.9	108.5	114.3	160.2	
	FEB	FEB	109.7	111.6	137.2	76.9	113.6	56.8	160.0	97.4	106.6	113.8	193.4	
	MAC	MAR	110.3	112.3	137.1	77.3	112.2	56.9	161.3	97.6	107.6	114.4	249.3	
	APR	APR	110.7	112.6	137.1	78.2	107.2	55.9	161.6	97.4	111.8	114.4	218.6	
	MEI	MAY	110.8	112.8	137.7	78.9	112.2	55.8	162.1	98.2	110.5	114.1	188.0	
	JUN	JUN	110.4	114.4	138.0	79.9	110.7	52.7	161.6	98.6	110.2	114.7	233.9	
	JUL	JUL	111.0	114.0	135.7	80.5	109.3	50.9	161.1	98.6	113.1	116.0	204.8	
	OGOS	AUG	110.5	114.0	135.4	80.5	107.3	46.2	161.0	98.3	112.4	114.9	232.8	
	SEP	SEP	110.7	114.2	135.6	79.8	105.0	46.3	162.2	98.2	112.1	115.8	267.2	
	OKT ^p	OCT ^p	111.4	114.7	135.8	79.7	109.0	46.5	162.1	98.6	111.5	114.9	292.2	

MALAYSIA
JADUAL 5B : PERATUS PERUBAHAN BULAN KE BULAN TERMA PERDAGANGAN (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)
TABLE 5B: MONTH-ON-MONTH PERCENTAGE CHANGE OF TERMS OF TRADE (2010=100) BY COMMODITY SECTION (S.I.T.C.)

TEMPOH PERIOD	JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	2 BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS. INEDIBLE	3 BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	4 MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	5 BAHAN KIMIA CHEMICALS	6 BARANG-BARANG KELUARAN KILANG MANUFACTURED GOODS	7 JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	8 PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	9 PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES			
		OKT OCT	NOV NOV	DIS DEC	OKT OCT	NOV NOV	DIS DEC	OKT OCT	NOV NOV	DIS DEC	OKT OCT	NOV NOV	DIS DEC	
16	2021	OKT OCT	OCT	0.8	0.0	0.7	0.1	1.4	1.9	0.9	0.1	-0.2	-0.5	4.6
		NOV NOV	NOV	0.3	0.0	0.5	0.4	0.9	-8.4	0.6	-0.3	0.0	0.0	1.1
		DIS DEC	DEC	0.0	0.1	0.5	0.8	-0.6	-3.4	0.4	0.1	0.3	0.1	8.7
	2022	JAN JAN	JAN	1.9	0.0	-0.1	0.3	7.0	-5.5	0.9	0.8	1.7	-0.3	-0.8
		FEB FEB	FEB	0.8	0.3	0.0	-0.1	-0.9	1.0	0.3	0.5	0.6	-0.2	4.3
		MAC MAR	MAR	2.3	-0.1	0.0	0.6	3.5	3.0	0.8	0.6	0.2	-0.6	14.7
		APR APR	APR	-1.3	0.0	0.3	-0.4	-12.1	1.6	0.9	0.9	0.3	0.0	-3.1
		MEI MAY	MAY	1.1	0.4	-0.1	-0.1	-1.2	-5.0	1.5	0.4	0.6	0.6	22.3
		JUN JUN	JUN	-1.3	0.4	0.1	-0.4	-7.1	4.1	0.1	-0.2	0.2	-0.2	11.3
		JUL JUL	JUL	1.3	0.3	1.0	0.4	5.0	2.8	0.5	0.0	0.2	-0.1	-6.7
		OGOS AUG	AUG	-0.2	0.6	-0.3	-0.1	9.5	-14.8	0.1	-0.5	-0.1	-0.1	15.2
		SEP SEP	SEP	1.0	0.0	1.2	0.1	7.6	-9.0	0.4	0.1	0.2	-0.1	-0.8
	2023	OKT OCT	OCT	-0.6	0.3	0.2	-0.7	-0.2	-4.4	0.1	0.4	0.3	-0.9	13.3
		NOV NOV	NOV	-0.7	0.5	0.3	-0.9	-3.2	-6.5	0.2	0.4	1.3	0.1	-9.3
		DIS DEC	DEC	0.0	-0.1	1.0	0.6	-1.8	9.0	0.2	-0.5	1.6	-0.7	16.4
		JAN JAN	JAN	-0.1	-0.1	0.5	0.6	1.1	-0.1	0.1	0.4	0.9	0.1	-21.0
		FEB FEB	FEB	-1.6	0.0	0.3	0.2	-4.6	-4.0	0.3	-0.6	-1.8	-0.4	20.7
		MAC MAR	MAR	0.6	0.6	-0.1	0.4	-1.3	0.2	0.8	0.3	1.0	0.5	28.9
		APR APR	APR	0.4	0.3	0.0	1.3	-4.5	-1.7	0.2	-0.2	3.9	0.0	-12.3
		MEI MAY	MAY	0.1	0.2	0.4	0.8	4.7	-0.2	0.3	0.9	-1.1	-0.3	-14.0
		JUN JUN	JUN	-0.4	1.4	0.2	1.4	-1.3	-5.5	-0.3	0.3	-0.3	0.5	24.4
		JUL JUL	JUL	0.6	-0.3	-1.6	0.8	-1.2	-3.5	-0.3	0.0	2.7	1.1	-12.5
		OGOS AUG	AUG	-0.5	0.0	-0.2	-0.1	-1.9	-9.2	-0.1	-0.3	-0.6	-0.9	13.7
		SEP SEP	SEP	0.2	0.2	0.1	-0.8	-2.1	0.1	0.8	-0.1	-0.3	0.8	14.8
		OKT ^p OCT ^p	OCT ^p	0.7	0.4	0.2	-0.2	3.8	0.5	-0.1	0.4	-0.6	-0.7	9.4

MALAYSIA
JADUAL 5C : PERATUS PERUBAHAN TAHUN KE TAHUN TERMA PERDAGANGAN (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)
TABLE 5C: YEAR-ON-YEAR PERCENTAGE CHANGE OF TERMS OF TRADE (2010=100) BY COMMODITY SECTION (S.I.T.C.)

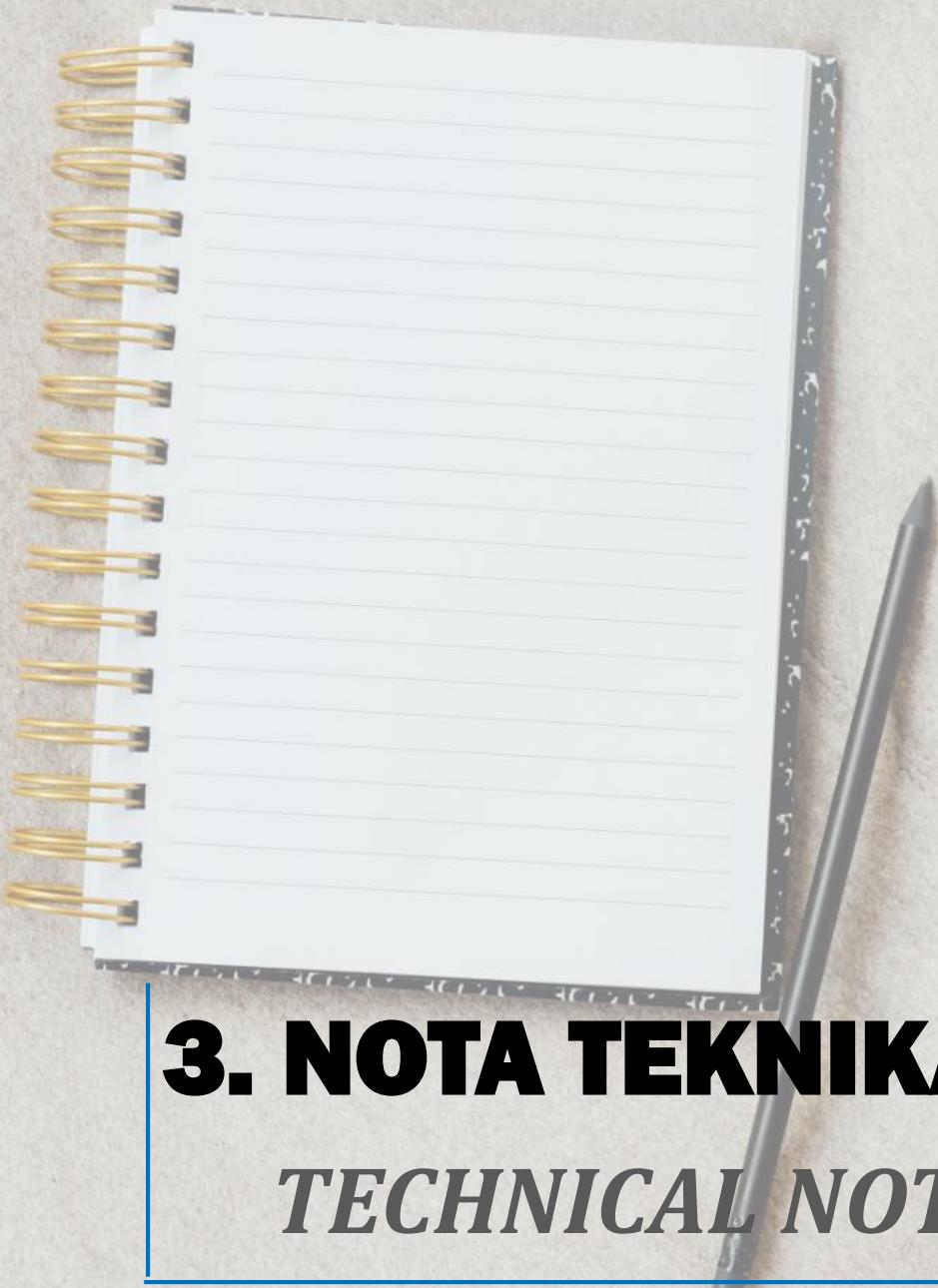
TEMPOH PERIOD	JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	2 BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	3 BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	4 MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	5 BAHAN KIMIA CHEMICALS	6 BARANG-BARANG KELUARAN KILANG MANUFACTURED GOODS	7 JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	8 PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	9 PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES		
		2011	5.5	3.8	-0.7	18.7	3.5	-4.9	10.6	5.7	-6.5		
2012	-0.3	-0.6	1.3	-10.4	4.8	8.6	-2.0	-8.2	1.2	0.5	14.2		
2013	-2.0	-1.2	-1.0	-11.2	0.2	5.3	0.5	-3.0	-1.2	0.5	6.8		
2014	0.2	-0.9	0.7	-9.8	3.1	-9.2	5.6	0.8	-1.7	0.7	9.9		
2015	-3.4	1.6	4.6	-4.6	-4.4	-3.3	6.9	3.1	-0.3	2.9	-13.5		
2016	-3.3	4.7	4.5	0.8	-6.4	-9.2	5.4	1.0	-4.3	-0.6	-0.2		
2017	1.1	-1.9	3.8	-2.2	-3.7	-10.2	7.1	-0.2	-0.8	1.0	7.3		
2018	-0.4	0.6	4.0	-0.9	-4.2	-0.7	1.4	-0.3	-0.1	2.5	9.0		
2019	1.1	0.0	4.7	-0.5	11.3	2.5	-1.1	-3.3	0.8	1.8	-13.5		
2020	0.5	1.0	1.8	-0.9	2.4	6.5	1.1	-0.7	2.0	0.6	-25.4		
2021	6.0	1.5	1.9	-3.2	6.8	-0.1	3.6	0.5	3.1	1.7	7.5		
2022	6.6	1.5	3.3	1.6	3.0	-18.5	7.1	2.6	5.2	-1.4	71.2		
20 2021	OKT	OCT	8.3	0.6	2.5	-2.1	10.9	-1.3	5.0	1.0	3.1	0.7	30.6
	NOV	NOV	7.5	0.4	3.0	-0.4	1.0	-2.6	5.6	0.5	3.2	0.5	25.4
	DIS	DEC	6.9	0.3	3.6	1.3	1.8	-6.0	5.4	0.5	3.6	0.6	28.3
	2022	JAN	JAN	7.9	0.2	3.2	1.2	8.2	-13.0	6.1	1.2	5.2	0.1
	FEB	FEB	8.3	0.3	3.1	0.7	10.0	-14.0	6.2	1.7	5.7	-0.3	29.4
	MAC	MAR	9.4	0.2	2.9	2.8	10.1	-10.2	6.4	2.0	5.5	-1.2	37.4
	APR	APR	7.0	0.4	2.9	3.7	-5.0	-10.9	7.0	2.8	5.4	-1.8	35.2
	MEI	MAY	8.3	0.7	2.7	2.9	-0.7	-16.0	8.3	3.5	5.5	-1.4	69.2
	JUN	JUN	5.5	1.3	2.9	2.9	-12.6	-11.9	8.2	3.2	4.9	-1.5	83.9
	JUL	JUL	6.8	1.6	4.0	2.4	-7.1	-7.8	8.9	3.2	4.8	-1.4	71.4
	OGOS	AUG	6.0	2.3	3.2	1.6	3.6	-21.4	7.9	2.1	3.8	-1.6	97.1
	SEP	SEP	6.8	2.2	3.9	1.6	11.5	-29.1	7.7	2.4	4.0	-1.4	91.7
	OKT	OCT	5.3	2.5	3.4	0.7	9.6	-33.4	6.8	2.7	4.6	-1.8	107.8
	NOV	NOV	4.3	2.9	3.2	-0.5	5.1	-32.1	6.3	3.4	5.9	-1.6	86.2
	DIS	DEC	4.2	2.8	3.7	-0.8	3.9	-23.4	6.1	2.7	7.3	-2.4	99.6
2023	JAN	JAN	2.2	2.6	4.4	-0.5	-1.9	-19.0	5.2	2.4	6.5	-2.0	58.9
	FEB	FEB	-0.2	2.3	4.6	-0.2	-5.6	-23.0	5.2	1.3	4.0	-2.2	84.0
	MAC	MAR	-1.9	3.1	4.5	-0.4	-10.0	-25.2	5.2	0.9	4.8	-1.1	106.8
	APR	APR	-0.2	3.4	4.2	1.3	-2.1	-27.6	4.6	-0.2	8.5	-1.1	87.2
	MEI	MAY	-1.2	3.1	4.7	2.2	3.7	-23.9	3.3	0.3	6.6	-1.9	31.7
	JUN	JUN	-0.3	4.1	4.8	4.1	10.1	-30.9	2.9	0.9	6.1	-1.3	47.1
	JUL	JUL	-1.0	3.5	2.1	4.4	3.6	-35.1	2.1	0.9	8.8	-0.1	38.0
	OGOS	AUG	-1.3	2.8	2.1	4.5	-7.2	-30.8	2.0	1.0	8.1	-0.9	36.1
	SEP	SEP	-2.1	2.9	1.1	3.5	-15.5	-23.8	2.3	0.9	7.7	0.0	57.5
	OKT ^p	OCT ^p	-0.8	3.0	1.1	4.1	-12.1	-19.9	2.2	0.9	6.7	0.1	52.0

JADUAL 6 : INDEKS VOLUM EKSPORT - ASAL & PELARASAN MUSIM (2010=100)
TABLE 6 : EXPORT VOLUME INDICES - ACTUAL & SEASONALLY ADJUSTED (2010=100)

TEMPOH PERIOD		ASAL ACTUAL	% PERUBAHAN BULAN KE BULAN	PELARASAN MUSIM SEASONALLY ADJUSTED	% PERUBAHAN BULAN KE BULAN
			% CHANGE MONTH-ON-MONTH		% CHANGE MONTH-ON-MONTH
2020	OKT	OCT	154.8	2.4	141.9
	NOV	NOV	142.4	-8.0	143.1
	DIS	DEC	159.5	12.0	153.8
2021	JAN	JAN	146.8	-7.9	142.0
	FEB	FEB	142.0	-3.3	157.2
	MAC	MAR	166.6	17.3	153.2
	APR	APR	164.4	-1.3	152.9
	MEI	MAY	142.7	-13.2	143.1
	JUN	JUN	159.8	11.9	156.2
	JUL	JUL	145.4	-9.0	134.9
	OGOS	AUG	140.7	-3.2	139.9
	SEP	SEP	164.0	16.5	152.9
	OKT	OCT	167.0	1.9	144.7
	NOV	NOV	162.2	-2.9	152.2
	DIS	DEC	178.8	10.2	154.4
2022	JAN	JAN	157.5	-11.9	155.6
	FEB	FEB	141.3	-10.2	159.1
	MAC	MAR	174.6	23.6	170.0
	APR	APR	167.6	-4.1	162.1
	MEI	MAY	152.5	-9.0	158.2
	JUN	JUN	181.9	19.3	188.6
	JUL	JUL	166.7	-8.4	162.4
	OGOS	AUG	179.5	7.7	189.1
	SEP	SEP	181.1	0.9	179.4
	OKT	OCT	165.8	-8.5	153.8
	NOV	NOV	164.0	-1.1	166.1
	DIS	DEC	171.2	4.4	160.9
2023	JAN	JAN	148.5	-13.3	149.8
	FEB	FEB	149.6	0.7	167.5
	MAC	MAR	171.1	14.4	165.1
	APR	APR	139.4	-18.5	136.3
	MEI	MAY	158.6	13.8	170.1
	JUN	JUN	164.4	3.7	157.7
	JUL	JUL	155.1	-5.7	155.8
	OGOS	AUG	152.0	-2.0	161.1
	SEP	SEP	161.7	6.4	154.3
	OKT^p	OCT ^p	162.2	0.3	155.9

JADUAL 7 : INDEKS VOLUM IMPORT - ASAL & PELARASAN MUSIM (2010=100)
TABLE 7 : IMPORT VOLUME INDICES - ACTUAL & SEASONALLY ADJUSTED (2010=100)

TEMPOH PERIOD		ASAL ACTUAL	% PERUBAHAN BULAN KE BULAN	PELARASAN MUSIM SEASONALLY ADJUSTED	% PERUBAHAN BULAN KE BULAN	
			% CHANGE MONTH-ON-MONTH		% CHANGE MONTH-ON-MONTH	
2020	OKT	OCT	139.4	3.2	136.2	-0.4
	NOV	NOV	136.9	-1.8	133.5	-2.0
	DIS	DEC	151.5	10.6	146.5	9.7
2021	JAN	JAN	146.3	-3.4	143.5	-2.0
	FEB	FEB	138.4	-5.4	154.6	7.7
	MAC	MAR	159.1	15.0	159.3	3.0
	APR	APR	166.6	4.7	160.9	1.0
	MEI	MAY	152.0	-8.8	152.2	-5.4
	JUN	JUN	160.3	5.5	167.4	10.0
	JUL	JUL	159.0	-0.9	155.9	-6.9
	OGOS	AUG	140.0	-11.9	139.5	-10.5
	SEP	SEP	160.4	14.6	162.4	16.4
	OKT	OCT	165.5	3.2	162.4	0.0
	NOV	NOV	174.2	5.2	169.5	4.4
	DIS	DEC	173.0	-0.7	166.8	-1.6
2022	JAN	JAN	173.7	0.4	170.2	2.1
	FEB	FEB	152.6	-12.2	170.5	0.1
	MAC	MAR	190.2	24.6	190.5	11.7
	APR	APR	183.8	-3.4	177.0	-7.1
	MEI	MAY	185.0	0.7	185.6	4.8
	JUN	JUN	204.6	10.6	213.5	15.1
	JUL	JUL	199.6	-2.4	195.8	-8.3
	OGOS	AUG	213.5	6.9	213.4	9.0
	SEP	SEP	193.1	-9.6	195.5	-8.4
	OKT	OCT	193.9	0.4	189.6	-3.0
	NOV	NOV	184.3	-5.0	179.7	-5.3
	DIS	DEC	182.1	-1.2	175.3	-2.4
2023	JAN	JAN	168.3	-7.6	165.6	-5.6
	FEB	FEB	164.6	-2.2	184.2	11.2
	MAC	MAR	181.6	10.3	175.6	-4.6
	APR	APR	164.6	-9.4	157.6	-10.3
	MEI	MAY	185.0	12.4	186.5	18.4
	JUN	JUN	174.6	-5.6	174.8	-6.3
	JUL	JUL	177.7	1.8	174.2	-0.3
	OGOS	AUG	173.1	-2.6	170.4	-2.2
	SEP	SEP	174.3	0.7	178.4	4.7
	OKT^p	OCT ^p	196.7	12.8	197.2	10.5



3. NOTA TEKNIKAL

TECHNICAL NOTES

NOTA TEKNIKAL

1. PENGENALAN

- 1.1 Indeks Perdagangan Luar Negeri (IPLN) mengukur perubahan paras nilai seunit serta volum eksport dan import barang Malaysia. Indeks ini mencerminkan peratusan kenaikan atau penurunan dalam paras nilai seunit dan volum.
- 1.2 IPLN telah disusun buat kali pertama dengan menggunakan tahun 1970 sebagai tahun asas ($1970=100$) dan seterusnya diikuti dengan $1999=100$, $2005=100$ dan $2010 =100$ mulai penerbitan bagi bulan rujukan Januari 2016.
- 1.3 Mulai penerbitan keluaran bulan rujukan Januari 2018, IPLN telah dikemaskini menggunakan "bakul" barang tahun 2013 dengan mengekalkan tahun asas yang sama, $2010=100$. Seterusnya, IPLN ($2010=100$) dikemaskini sekali lagi menggunakan "bakul" barang tahun 2015 bermula daripada penerbitan bulan rujukan Januari 2019.

2. OBJEKTIF

- 2.1 Indeks nilai seunit dan volum adalah penunjuk ekonomi utama yang mempunyai pelbagai kegunaan.
- 2.2 Berikut adalah kegunaan utama indeks ini:
 - 2.2.1 Ia mengukur setakat mana perubahan nilai eksport dan import adalah disebabkan oleh perubahan dalam nilai seunit dan perubahan volum.
 - 2.2.2 Ia membolehkan penggubal dasar menilai kesan harga eksport berbanding dengan harga import barang (yang mana lebih dikenali sebagai terma perdagangan).
 - 2.2.3 Ia boleh digunakan untuk membuat unjuran untuk memastikan perubahan harga, ouput dan sebagainya yang mungkin berlaku pada masa depan. Perbandingan dan unjuran ini akan memudahkan keputusan dibuat di peringkat syarikat, industri dan kerajaan.
 - 2.2.4 Ia juga dapat mengukur perubahan nilai benar import dan eksport Malaysia mengikut masa dengan menggunakan kaedah "*deflation*".

3. SUMBER DATA

Data yang digunakan dalam pengiraan indeks nilai seunit dan volum diperoleh daripada data perdagangan luar negeri Malaysia yang sebahagian besarnya diproses daripada borang pengikraran kastam.

4. PROSEDUR PENGIRAAN

- 4.1 Prosedur yang digunakan untuk menghasilkan Indeks Nilai Seunit adalah seperti berikut:
 - i. Mengira nilai seunit bagi setiap barangan SITC yang terpilih;
 - ii. Mengira nilai seunit relatif;
 - iii. Mengira wajaran nilai;
 - iv. Mendarab setiap relatif dengan wajaran yang berkaitan;
 - v. Menjumlahkan hasil darab;
 - vi. Membahagikan hasil darab dengan jumlah wajaran.

- 4.2 Indeks nilai seunit relatif purata aritmetik yang berwajarkan nilai tempoh asas adalah bersamaan dengan indeks nilai seunit Laspeyres.

$$P^L = \frac{\sum \frac{P_n}{P_o} (P_o Q_o)}{\sum (P_o Q_o)} \times 100$$

di mana

P^L	=	Indeks nilai seunit Laspeyres;
P_n	=	Nilai seunit barang pada tempoh tertentu;
P_o	=	Nilai seunit barang pada tempoh asas;
$P_o Q_o$	=	Wajaran tahun asas

- 4.3 Indeks volum eksport dan import adalah dihasilkan secara tidak langsung daripada pembahagian indeks nilai eksport dan import dengan indeks nilai seunit eksport dan import yang berkaitan. Dalam kes ini, indeks volum yang dibentuk adalah indeks volum Paasche.

- 4.4 Berkuatkuasa mulai penerbitan bulan rujukan Januari 2019, kaedah indeks rantaian Laspeyres akan digunakan dalam pengiraan IPLN (2010=100) dengan menggunakan Disember 2018 sebagai bulan pautan.

IPLN dihitung sebagai indeks rantaian bakul tetap. Ini bermakna bahawa urutan indeks bakul tetap dirantai bersama untuk mewujudkan satu siri masa yang berterusan. Perkara ini perlu untuk mengelakkan perubahan yang tidak dijangka dalam indeks apabila pengemaskinian bakul dilakukan.

Indeks nilai seunit bulan rujukan dihitung berdasarkan perubahan indeks bulan tersebut kepada bulan pautan (bakul baru) didarabkan dengan indeks bulan pautan (bakul lama).

$$P_{t/10}^{ch} = P_{t/D18}^{baru} \times P_{D18/10}^{lama}$$

di mana,

$P_{t/10}^{ch}$ = Indeks rantaian yang mengukur perubahan nilai seunit dari 2010 kepada sebarang tempoh t

$P_{t/D18}^{baru}$ = Indeks komposit siri baru yang membandingkan nilai seunit pada sebarang tempoh t kepada bulan pautan

$P_{D18/10}^{lama}$ = Indeks komposit siri lama yang membandingkan nilai seunit bagi Disember 2018 kepada nilai seunit 2010

- 4.5 Dalam pengiraan indeks, tarif individu telah dikelaskan mengikut *Standard International Trade Classification, Revision 4 (S.I.T.C. Rev 4)* daripada Pertubuhan Bangsa-Bangsa Bersatu.

- 4.6 Indeks import menggunakan nilai ‘kos, insuran dan tambang’ (*c.i.f.*), sementara indeks eksport dikira menggunakan nilai ‘*free on board*’ (*f.o.b.*).

- 4.7 Indeks ini disusun dengan menggunakan tahun 2010 sebagai asas. Siri indeks adalah seperti berikut:

- i Indeks nilai seunit eksport
- ii Indeks volum eksport
- iii Indeks nilai seunit import
- iv Indeks volum import
- v Indeks terma perdagangan

- 4.8 Indeks ini disusun setiap bulan manakala indeks tahunan dikira berdasarkan data siri bulanan.
- 4.9 Indeks ini akan disebarluaskan di peringkat SITC-1-digit dan Malaysia.

5. LIPUTAN

Sebanyak 786 barang eksport yang mewakili kira-kira 84.4 peratus daripada jumlah nilai eksport yang dicatatkan pada tahun 2015 dan 1,583 barang import yang meliputi kira-kira 83.0 peratus daripada jumlah nilai import tahun 2015 masing-masing digunakan dalam pengiraan indeks import dan eksport.

6. WAJARAN

Wajaran yang digunakan dalam jenis indeks ini adalah nilai. Data yang digunakan untuk menghasilkan wajaran ini adalah daripada nilai import dan eksport barang dagangan Malaysia tahun 2015. Wajaran yang diagihkan adalah mengikut nilai tersebut pada peringkat SITC-1-digit.

7. KONSEP DAN DEFINISI

7.1 Indeks Nilai Seunit

Perubahan harga dalam perdagangan barang luar negeri ditunjukkan oleh perubahan indeks nilai seunit perdagangan barang luar negeri yang disusun berdasarkan nilai seunit.

Jadual 1A, 1B dan 1C menyediakan ringkasan perubahan nilai seunit eksport dan Jadual 3A, 3B dan 3C pula, indeks nilai seunit import. Arah aliran komponen nilai seunit adalah ditunjukkan dalam indeks ini, yang mana menyatakan hubungan di antara nilai tempoh semasa dan tempoh asas bagi sesuatu bakul yang mengandungi volum barang tertentu.

7.2 Indeks Volum

Perubahan volum perdagangan barang luar negeri diperoleh daripada perubahan nilai perdagangan barang luar negeri setelah dikeluarkan kesan perubahan harga.

Jadual 2A, 2B dan 2C menyediakan ringkasan perubahan indeks volum eksport dan Jadual 4A, 4B dan 4C, indeks volum import. Arah aliran komponen volum adalah ditunjukkan dalam indeks ini, yang mana menyatakan hubungan di antara nilai tempoh semasa dan tempoh asas bagi satu set nilai seunit tertentu.

7.3 Terma Perdagangan.

Indeks nilai seunit eksport dan import boleh digunakan untuk mengukur terma perdagangan Malaysia. Indeks terma perdagangan dikira berasaskan kepada nisbah indeks nilai seunit eksport kepada indeks nilai seunit import.

Jadual 5A, 5B dan 5C menyediakan ringkasan perubahan indeks terma perdagangan. Indeks ini dikira dengan mendapatkan nisbah indeks nilai seunit eksport kepada indeks nilai seunit import. Ia menggambarkan kos sesuatu volum yang diimport dari segi volum yang dieksport. Suatu kenaikan dalam terma perdagangan menunjukkan pergerakan yang lebih menguntungkan dan kejatuhan membawa kesan yang sebaliknya. Satu nilai indeks yang lebih atau kurang daripada 100 mencerminkan terma perdagangan yang lebih atau kurang menguntungkan berbanding dengan terma perdagangan tahun asasnya 2010.

8. METODOLOGI

- 8.1 Proses pemadanan kod dilaksanakan bagi menyelaraskan kod *Harmonization System* (HS) 2017 dengan HS2022 yang digunakan bermula Jun 2022.
- 8.2 *Lumpy import* (seperti import kapal terbang dan kapal) adalah tidak termasuk dalam penyusunan.
- 8.3 Kod produk yang mempunyai transaksi kurang dari 7 bulan dalam setahun juga tidak diambil kira.

9. PELARASAN MUSIM

Data siri masa adalah amat berguna untuk ahli ekonomi, pembuat dasar & polisi dan penganalisis siri masa untuk mengenal pasti ciri-ciri penting siri ekonomi seperti arah, *turning point* dan konsistensi antara penunjuk ekonomi yang lain. Kadangkala ciri ini sukar untuk diperhatikan kerana pergerakan bermusim. Oleh itu, sekiranya kesan bermusim boleh disingkirkan, perilaku data siri ini dapat dilihat dengan lebih baik. Anggaran dan penyingkiran kesan bermusim dipanggil **pelarasan bermusim**.

Pelarasan bermusim adalah satu proses untuk mengenal pasti dan menyingkirkan bentuk pola bermusim yang biasa berlaku dalam tempoh satu tahun, yang mungkin juga merangkumi pengaruh dari kesan cuti yang bergerak dan hari bekerja/ berdagang bagi suatu tempoh. Objektif utama proses ini adalah untuk menyerlahkan arah aliran dan pergerakan-pergerakan jangka pendek dalam siri ini.

Di Malaysia, kebanyakan data siri masa terjejas oleh kesan bermusim. Oleh itu, untuk menghapuskan kesan bermusim dan juga melaras musim data siri masa ekonomi Malaysia, X-12 ARIMA telah digunakan sebagai pakej pelarasan bermusim standard oleh Jabatan Perangkaan, Malaysia.

Data siri masa ekonomi Malaysia kerap dipengaruhi oleh perayaan agama utama seperti Aidil Fitri, Tahun Baru Cina dan Deepavali. Tarikh perayaan ini tetap mengikut tahun lunar tetapi berbeza-beza mengikut kalender Gregorian. Oleh itu, untuk menganggar dan menyingkirkan kesan cuti yang bergerak dari data siri masa, satu prosedur telah dibangunkan iaitu Seasonal Adjustment For Malaysia (SEAM).

Kaedah SEAM digunakan untuk membuang kesan bermusim bagi data indeks perdagangan luar negeri Malaysia. Pelarasan musim hanya dibuat ke atas data bulanan bagi indeks volum eksport dan indeks volum import. Siri data pelarasan bermusim untuk tiga tahun sebelumnya akan disemak setiap tahun apabila data untuk 12 bulan lengkap.

10. DASAR PINDAAN

Dasar bulan semasa adalah provisional (p) dan tertakluk kepada pindaan sehingga ia dimuktamadkan. Pindaan dibuat sekiranya wujud maklumat tambahan. Data muktamad perangkaan Perdagangan Luar Negeri 2022 telah digunakan bermula penerbitan Jun 2023 bagi perubahan dalam indeks volum yang menggunakan kaedah Paasche.

TECHNICAL NOTES

1. INTRODUCTION

- 1.1 *External trade indices (ETI) measure changes in the levels of unit values and volumes of Malaysia's imports and exports. The index numbers, which reflect the percentage rise or fall of unit value and volume levels.*
- 1.2 *ETI were first constructed with 1970 as the base year (1970=100) and then base year 1999=100 and 2005=100 subsequently. Currently the indices are rebased to 2010=100, commencing from reference month January 2016.*
- 1.3 *Commencing in reference month of January 2018, ETI was updated using the "basket" of goods for year 2013 by maintaining the same base year, 2010 = 100. Subsequently, ETI (2010=100) has been updated again using the 2015 "basket" of goods starting from reference month January 2019.*

2. OBJECTIVE

2.1 *The external trade unit value and volume indices are key economic indicators which have a variety of applications and uses.*

2.2 *The following are the main uses of these indices:*

- 2.2.1 *They provide a measure of the extent to which changes in the values of exports and imports are due to changes in price/unit value levels and the extent to which value changes are accounted for by volume changes.*
- 2.2.2 *They enable policy makers to assess the effects of price change in exports with those in imports (which is referred to as terms of trade) for commodities.*
- 2.2.3 *They can be utilized for making projections to ascertain likely future changes in prices, output and so on. These comparisons and projections facilitate decision making at company, industry and government level.*
- 2.2.4 *They also measure the changes in the real value of Malaysian imports or exports over time using the deflation method.*

3. SOURCES OF DATA

Data used in calculating the export and import unit value and volume indices is derived from Malaysia external trade data which is in turn mainly processed from import and export custom declaration forms.

4. COMPUTATIONAL PROCEDURE

4.1 *The procedure used to derive Unit Value Index is as follows:*

- I. *Compute unit values for each selected SITC commodity item;*
- II. *Compute unit value relatives;*
- III. *Compute value weights;*
- IV. *Multiply each relative by the corresponding weight;*
- V. *Total the product;*
- VI. *Divide these totals by the sum of the weights.*

- 4.2 The weighted arithmetic mean of relative unit value index, in which the weights are equal to base-period values, is equivalent to Laspeyres unit value index:

$$P^L = \frac{\sum \frac{P_n}{P_o} (p_o q_o)}{\sum (p_o q_o)} \times 100$$

where

P^L	=	Laspeyres unit value index;
P_n	=	Commodity unit values in the given period;
P_o	=	Commodity unit values in the base period;
$p_o q_o$	=	Base year weights

- 4.3 Volume indices for exports and imports are derived indirectly by deflating indices of values of exports and imports with the corresponding export and import unit value indices. In this case, the resulting indirect volume index will be Paasche volume index.

- 4.4 Effective from the reference month for January 2019, Laspeyres chain index method will be used in the calculation of the ETI which employs December 2018 as the link month.

ETI are calculated as a chain of fixed-basket indices. This means that a sequence of fixed-basket indices have been chained together to create a continuous time series. This is necessary to avoid having breaks in an index when a basket update is performed.

Unit value indices for reference month are calculated based on changes of index for that month over the link month (new basket) multiplied by the link month index (old basket).

$$P_{t/10}^{ch} = P_{t/D18}^{new} \times P_{D18/10}^{old}$$

where,

$P_{t/10}^{ch}$	=	Chain index which measures the changes in unit value from 2010 to any period
$P_{t/D18}^{new}$	=	A new series composite index that compares the unit value at any period t to the link month
$P_{D18/10}^{old}$	=	the old series composite index which compares the unit value for December 2018 to the 2010 unit value

- 4.5 Import indices use ‘cost, insurance and freight’ (c.i.f.) values, while export indices are calculated using ‘free on board’ (f.o.b.) values.

- 4.6 The indices are compiled using the year 2010 as the base. These series relate to:
- i Unit value indices of exports
 - ii Volume indices of exports
 - iii Unit value indices of imports
 - iv Volume indices of imports
 - v Terms of trade indices

- 4.7 These indices are compiled for each calendar month while the annual indices are computed from the monthly series.

- 4.8 The indices will be disseminated at the 1-digit SITC section.

5. COVERAGE

Approximately 786 export items representing about 84.4 percent of the total value of exports recorded in 2015 and 1,583 import items accounting for about 83.0 percent of the total value of imports in 2015 are used in the calculation of the index of imports and exports, respectively.

6. WEIGHT

The weights used in this type of index are values. The data used to derive the weights are the values of Malaysia imports and exports of merchandise during 2015. Weights are allocated in accordance with these values at 1-digit SITC level.

7. CONCEPT AND DEFINITIONS

7.1 Unit Value Indices

Price changes in external merchandise trade are reflected by changes in unit value indices of external merchandise trade which are compiled based on unit value.

Table 1A, 1B and 1C provides a summary of changes in the export unit value indices and Table 3A, 3B and 3C, of the import unit value indices. Trends in unit value component are illustrated by these indices, which expresses the relationship between value in the current period and the value in the base period of a given basket containing specific quantities of goods.

7.2 Volume Indices

Changes in volume of external merchandise trade are derived from changes in external merchandise trade value with the effect of price changes that has been discounted.

Table 2A, 2B and 2C provides a summary of the export volume indices and Table 4A, 4B and 4C, of the import volume indices. Trends in the quantity component are illustrated by this index, which expresses the relationship between the value of a given set of unit values for the current period and the value for the base period.

7.3 Terms of Trade

The export and import unit value indices can be used to measure the Malaysia's terms of trade. The terms of trade index is calculated based on the ratio of unit value index of exports to the unit value index of imports.

Table 5A, 5B and 5C provides a summary of changes in the terms of trade indices. The index is calculated as the ratio of the export unit value index to the import unit value index. It represents the cost of a given volume of imports in terms of exports. A rise in the terms of trade indicates a favourable movement and a fall, an adverse movement. An index value above or below 100 indicates the terms of trade are either more or less favorable than the 2010 base period.

8. METHODOLOGY

- 8.1** *The process of mapping the code has been implemented to streamline the code Harmonization System (HS) 2017 to HS2022 which was in use from June 2022.*
- 8.2** *Lumpy imports (such as import of aircraft and vessel) are excluded from the compilation.*
- 8.3** *The product codes which have less than seven transactions in a year are also excluded.*

9. SEASONAL ADJUSTMENT

Time-series data are very useful for economists, policy & decision makers and time-series analysts to identify the important features of economic series such as direction, turning point and consistency between other economic indicators. Sometimes this feature is difficult to observe because of seasonal movements. Thus, if the seasonal effect can be removed, the behaviour of the series would be better viewed. The estimation and removal of the seasonal effects is called seasonal adjustment.

Seasonal adjustment is a process to identify and to remove the regular within-a-year seasonal pattern, which may also include the influences of moving holidays and working/trading days effect in each period. The ultimate objective of the process is to highlight the underlying trends and short-term movements in the series.

In Malaysia, most of the time series data are affected by seasonal effects. Hence, to eliminate the seasonal effect as well as to seasonally adjust the Malaysian economic time series data, X-12 ARIMA was used as a standard seasonal adjustment package by Department of Statistics, Malaysia.

Malaysian economic time series data are often affected by major religious festivals such as Eid-ul-Fitr, Chinese New Year and Deepavali. These festivals' dates are fixed according to the lunar year but vary according to the Gregorian calendar. Therefore, to estimate and remove moving holiday effect from time-series data, a procedure was developed, namely Seasonal Adjustment for Malaysia (SEAM).

The SEAM method is used to remove seasonal effect for Malaysia's external trade indices data. The seasonal adjustment is only carried out on monthly export and import volume indices. The seasonally adjusted series data for the preceding three years are revised each year when the figures for complete 12 months become available.

10. REVISION POLICY

Data for the current month is provisional(p) and subject to revision until it is finalized. Revisions are made if there are additional information. Final data external trade statistics 2022 has been used starting from the June 2023 publication for the change in volume index using Paasche index method.

4. LAMPIRAN

APPENDIX

**PERBANDINGAN WAJARAN MENGIKUT SEKSYEN ANTARA BAKUL 2013 DAN 2015 YANG DIGUNAKAN DALAM
INDEKS PERDAGANGAN LUAR NEGERI, IPLN (2010=100)**

**COMPARISON OF WEIGHTS BY SECTIONS BETWEEN 2013 AND 2015 BASKETS USED IN THE EXTERNAL TRADE INDEX,
ETI (2010=100)**

SEKSYEN SECTIONS			WAJARAN WEIGHTS	
	EKSPORT EXPORTS		IMPORT IMPORTS	
	2013	2015	2013	2015
0 Makanan <i>Food</i>	3.0	3.520	6.2	6.839
1 Minuman & Tembakau <i>Beverages and Tobacco</i>	0.5	0.600	0.6	0.662
2 Bahan Mentah Tidak Boleh Dimakan <i>Inedible Crude Materials</i>	2.6	2.725	3.8	3.351
3 Minyak Galian <i>Mineral Fuels</i>	22.7	16.097	17.3	12.865
4 Minyak & Lemak Binatang & Sayur-sayuran <i>Animal & Vegetable Oils & Fats</i>	6.9	6.016	0.7	1.070
5 Bahan Kimia <i>Chemicals</i>	7.2	7.781	9.6	10.513
6 Barang-barang Keluaran Kilang <i>Manufactured Goods</i>	9.3	9.647	13.7	13.371
7 Alat Jentera & Kelengkapan Pengangkutan <i>Machinery & Transport Equipment</i>	37.9	42.255	40.1	41.794
8 Pelbagai Barang Keluaran Kilang <i>Miscellaneous Manufactured Articles</i>	9.3	10.929	6.0	7.572
9 Pelbagai Urusniaga & Barang <i>Miscellaneous Transactions & Commodities</i>	0.6	0.430	2.0	1.963
JUMLAH <i>Total</i>	100.0	100.0	100.0	100.0

JADUAL TARIKH PENGELUARAN INDEKS PERDAGANGAN LUAR NEGERI (2010=100), JANUARI - DISEMBER 2023
SCHEDULE OF RELEASE DATES FOR EXTERNAL TRADE INDICES (2010=100), JANUARY - DECEMBER 2023

BULAN RUJUKAN REFERENCE MONTH	TARIKH PENGELUARAN PENERBITAN RELEASE DATES OF PUBLICATION		
JANUARI <i>JANUARY</i>	28	FEBRUARI <i>FEBRUARY</i>	2023
FEBRUARI <i>FEBRUARY</i>	28	MAC <i>MARCH</i>	2023
MAC <i>MARCH</i>	28	APRIL <i>APRIL</i>	2023
APRIL <i>APRIL</i>	26	MEI <i>MAY</i>	2023
MEI <i>MAY</i>	28	JUN <i>JUNE</i>	2023
JUN <i>JUNE</i>	28	JULAI <i>JULY</i>	2023
JULAI <i>JULY</i>	28	OGOS <i>AUGUST</i>	2023
OGOS <i>AUGUST</i>	27	SEPTEMBER <i>SEPTEMBER</i>	2023
SEPTEMBER <i>SEPTEMBER</i>	27	OKTOBER <i>OCTOBER</i>	2023
OKTOBER <i>OCTOBER</i>	28	NOVEMBER <i>NOVEMBER</i>	2023
NOVEMBER <i>NOVEMBER</i>	28	DISEMBER <i>DECEMBER</i>	2023
DISEMBER <i>DECEMBER</i>	26	JANUARI <i>JANUARY</i>	2024

PENERBITANINI AKAN DITERBITKAN DI LAMAN WEB JABATAN PERANGKAAN MALAYSIA
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