



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

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INDEKS PERDAGANGAN LUAR NEGERI

External Trade Indices

2023 JANUARI
January



JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

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

**JANUARI 2023
JANUARY 2023**

Pemakluman

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

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

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

Announcement

The Department of Statistics Malaysia (DOSM) will conduct the Economic Census in 2023. DOSM greatly appreciates the cooperation from respondents to provide information with DOSM and make this census a success. Please visit www.dosm.gov.my for more information.

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

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

**JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS 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

Februari 2023

PREFACE

The publication of External Trade Index (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
February 2023



1. RINGKASAN PENEMUAN

*SUMMARY OF
FINDINGS*



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA



INDEKS PERDAGANGAN LUAR NEGERI

External Trade Indices

JANUARI January
2023

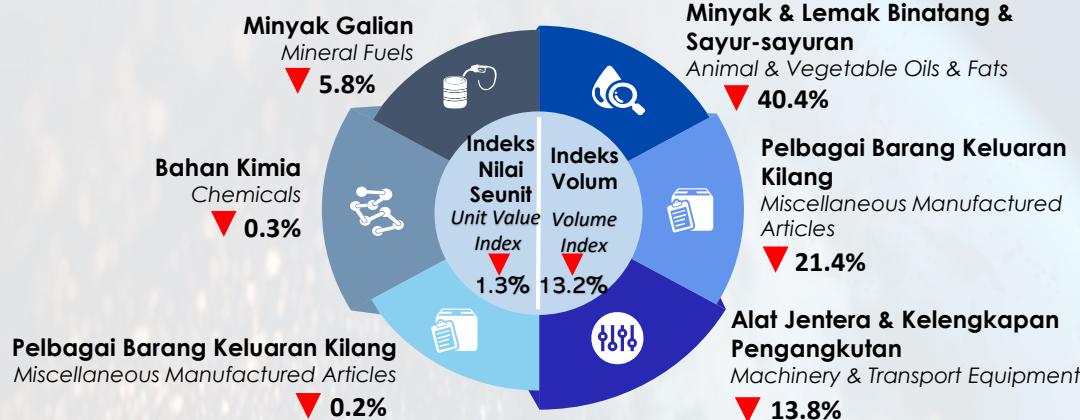
EKSPORT Exports

Nilai (RM Bilion)
Value (RM Billion)

▼ 14.4%

DIS 22' Dec 22'	131.8
--------------------	-------

JAN 23' Jan 23'	112.8
--------------------	-------



IMPORT Imports

Nilai (RM Bilion)
Value (RM Billion)

▼ 8.6%

DIS 22' Dec 22'	103.6
--------------------	-------

JAN 23' Jan 23'	94.7
--------------------	------

Minyak Galian / Mineral Fuels
▼ 6.8%

Bahan Kimia / Chemicals
▼ 0.4%

Pelbagai Barang Keluaran Kilang / Miscellaneous Manufactured Articles
▼ 0.3%

Pelbagai Barang Keluaran Kilang / Miscellaneous Manufactured Articles
▼ 16.8%

Alat Jentera & Kelengkapan Pengangkutan / Machinery & Transport Equipment
▼ 7.5%

Minyak Galian / Mineral Fuels
▼ 6.3%

TERMA PERDAGANGAN Terms of Trade

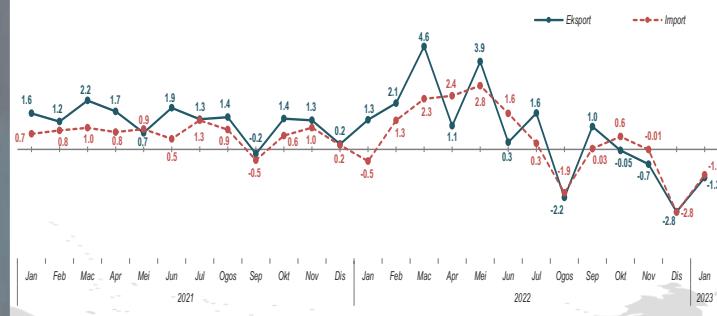
Alat Jentera & Kelengkapan Pengangkutan / Machinery & Transport Equipment
▼ 0.6%

Makanan / Food
▼ 0.14%

Minyak & Lemak Binatang & Sayur-sayuran / Animal & Vegetable Oils & Fats
▼ 0.08%

Peratus Perubahan Bulan ke Bulan bagi Indeks Nilai Seunit Eksport & Import Januari 2021 – Januari 2023

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



INDEKS PERDAGANGAN LUAR NEGERI JANUARI 2023

PRESTASI PERDAGANGAN MALAYSIA

Prestasi eksport Malaysia kekal berdaya tahan, mengekalkan pertumbuhan positif pada Januari 2023, meningkat 1.6 peratus berbanding bulan yang sama 2022 kepada RM112.8 bilion. Selaras dengan pertumbuhan eksport, import juga mencatatkan peningkatan 2.3 peratus kepada RM94.7 bilion, tahun ke tahun. Jumlah dagangan meningkat 1.9 peratus daripada RM203.6 bilion pada Januari 2022 kepada RM207.5 bilion. Walau bagaimanapun, lebihan dagangan berkurangan 2.1 peratus kepada RM18.2 bilion, lebihan dagangan bulan ke-33 berturut-turut sejak Mei 2020.

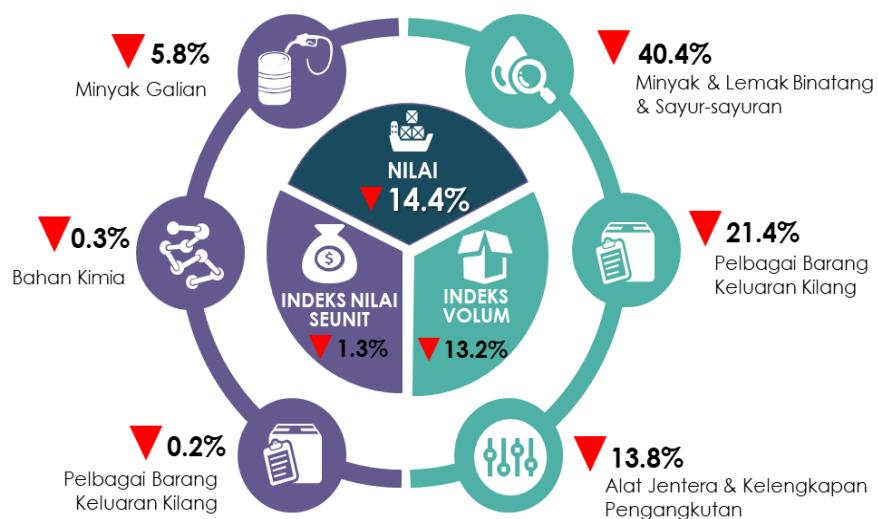
Berbanding Disember 2022, eksport, import, jumlah dagangan dan lebihan dagangan menunjukkan penurunan masing-masing 14.4 peratus, 8.6 peratus, 11.8 peratus dan 35.5 peratus.

PERBANDINGAN BULAN KE BULAN

EKSPORT

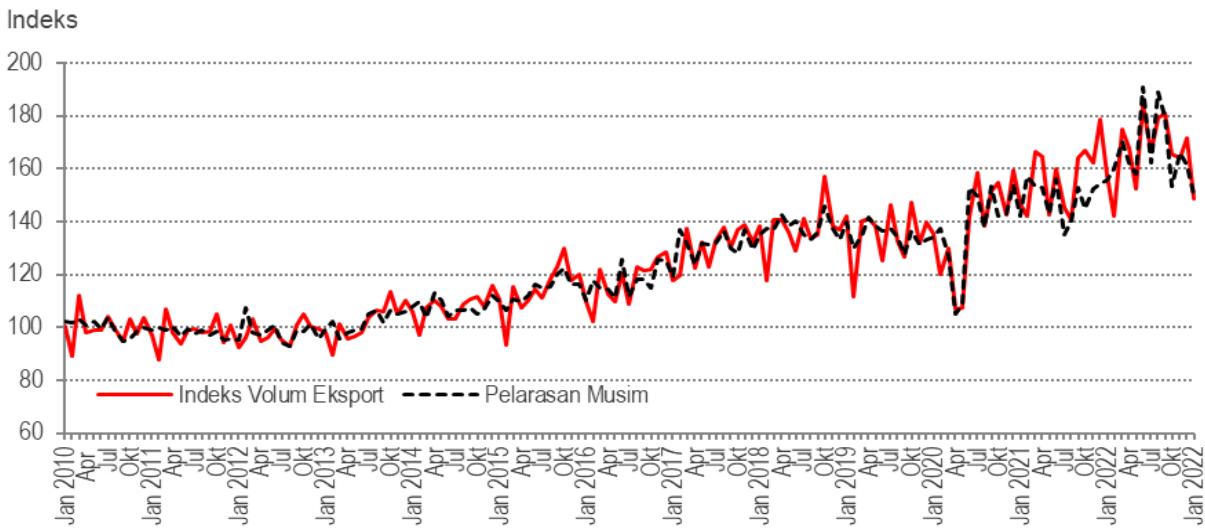
Perbandingan bulan ke bulan menunjukkan **indeks nilai seunit eksport** mengekalkan prestasi menurun 1.3 peratus pada Januari 2023. Penurunan ini disumbang oleh kejatuhan indeks minyak galian (-5.8%), bahan kimia (-0.3%) dan pelbagai barang keluaran kilang (-0.2%).

Selain itu, **indeks volum eksport** turut merekodkan kejatuhan 13.2 peratus pada Januari 2023, disumbang oleh penurunan indeks minyak & lemak binatang & sayur-sayuran (-40.4%), pelbagai barang keluaran kilang (-21.4%) dan alat jentera & kelengkapan pengangkutan (-13.8%). Begitu juga, **indeks volum eksport** pelarasan bermusim menurun 6.9 peratus daripada 161.1 mata kepada 150.1 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

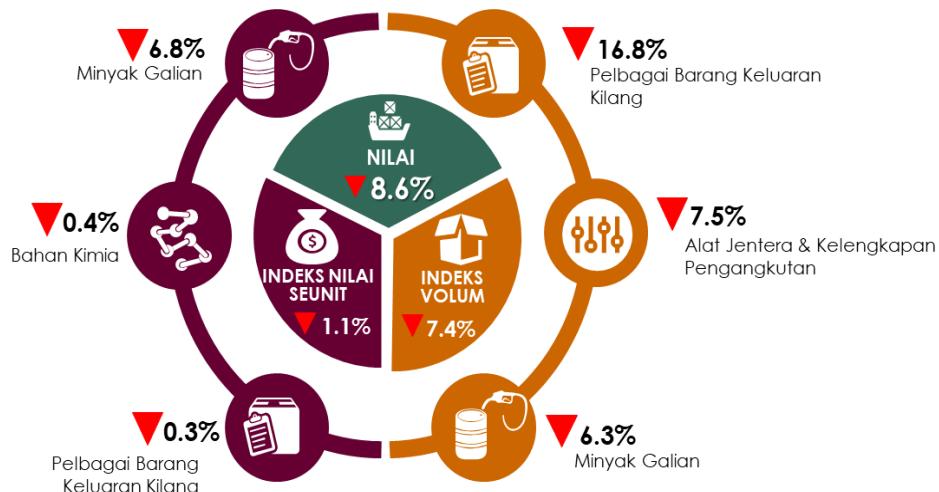


Carta 1: Indeks Volum Eksport - Asal & Pelarasan Musim

IMPORT

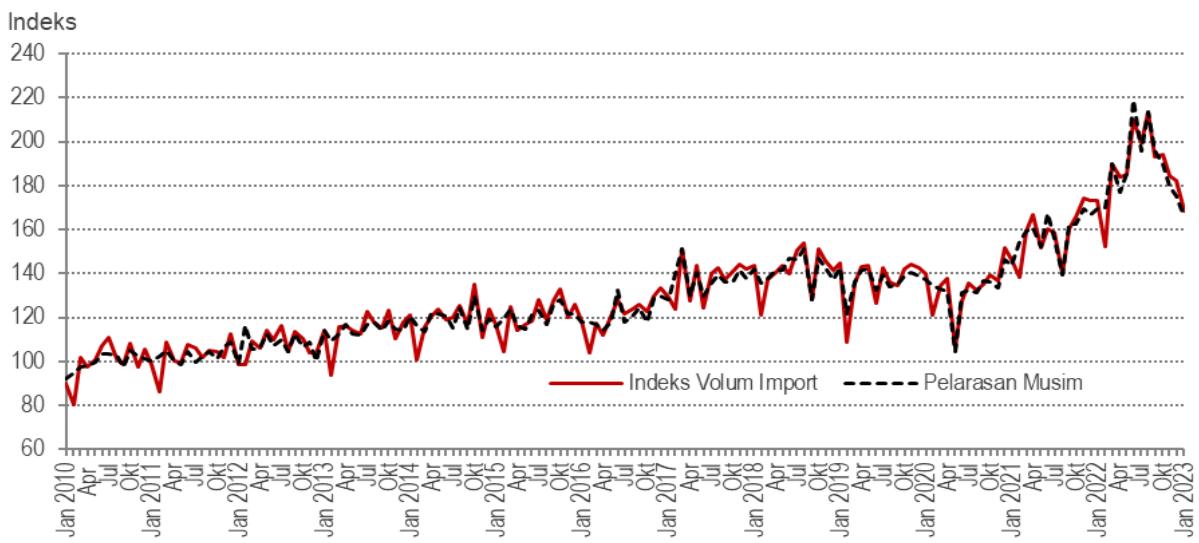
Indeks nilai seunit import menunjukkan prestasi negatif 1.1 peratus pada Januari 2023. Penurunan ini disumbangkan oleh kejatuhan indeks minyak galian (-6.8%), bahan kimia (-0.4%) dan pelbagai barang keluaran kilang (-0.3%).

Indeks volum import juga turut merekodkan penurunan 7.4 peratus pada Januari 2023 berbanding bulan sebelumnya. Ianya disumbangkan oleh kejatuhan indeks pelbagai barang keluaran kilang (-16.8%), alat jentera & kelengkapan pengangkutan (-7.5%) dan minyak galian (-6.3%). **Indeks volum import** pelarasan bermusim pada Januari 2023 mengalami kejatuhan 5.4 peratus daripada 175.4 mata kepada 165.9 mata (Carta 2).



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

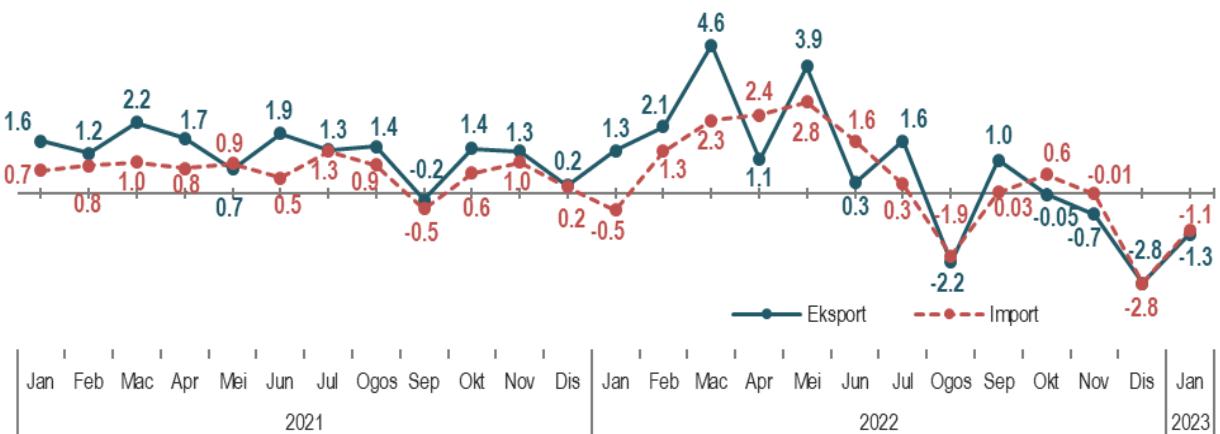
PERBANDINGAN BULAN KE BULAN



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** menyusut pada Januari 2023. Indeks nilai seunit eksport dan import tetap berada dalam trajektori menurun masing-masing sejak Oktober dan November 2022 disebalik prestasi yang tidak menentu bermula separuh tahun kedua 2022.



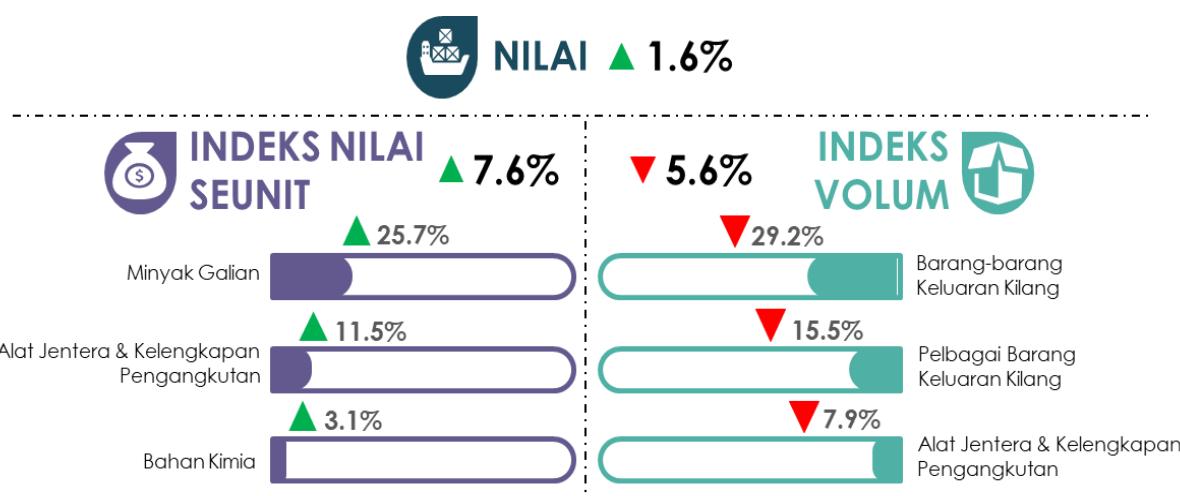
Carta 3: Peratus Perubahan Bulan ke Bulan bagi Indeks Nilai Seunit Eksport & Import Januari 2021 – Januari 2023

PERBANDINGAN TAHUN KE TAHUN

EKSPORT

Indeks nilai seunit eksport terus berkembang pada Januari 2023, dengan peningkatan 7.6 peratus tahun ke tahun. Pengembangan ini selari dengan peningkatan nilai eksport Malaysia berbanding bulan yang sama tahun lalu. Peningkatan **indeks nilai seunit eksport** didorong oleh peningkatan indeks minyak galian (+25.7%), alat jentera & kelengkapan pengangkutan (+11.5%) dan bahan kimia (+3.1%).

Sebaliknya, **indeks volum eksport** merosot 5.6 peratus pada Januari 2023. Penurunan ini disumbangkan oleh indeks barang-barang keluaran kilang (-29.2%), pelbagai barang keluaran kilang (-15.5%) dan alat jentera & kelengkapan pengangkutan (-7.9%).



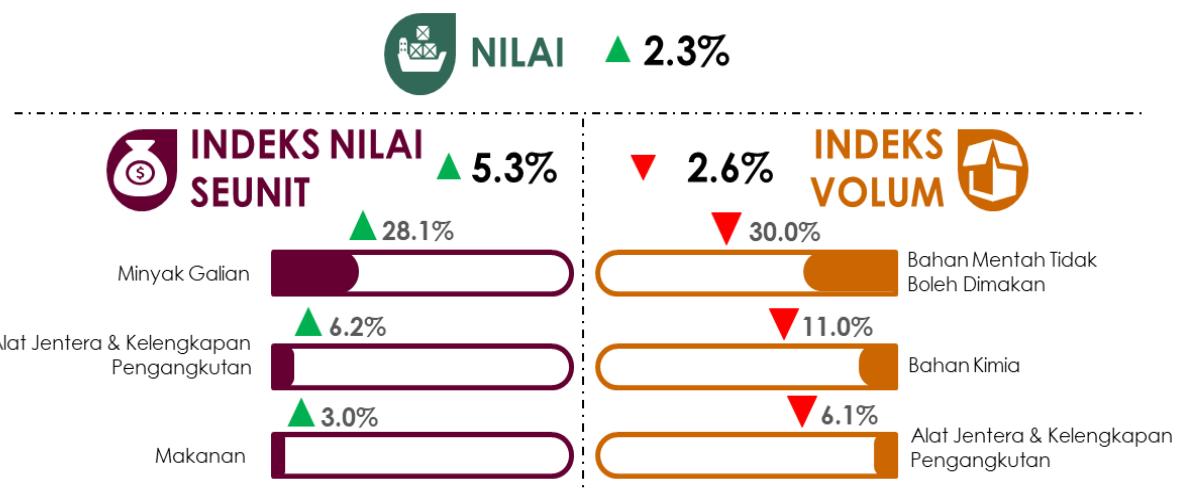
Paparan 3: Prestasi Nilai Eksport, Indeks Nilai Seunit dan Indeks Volum serta Penyumbang Utama Indeks Nilai Seunit dan Indeks Volum Eksport

IMPORT

Indeks volum import menyusut 2.6 peratus pada Januari 2023 berbanding bulan yang sama tahun lalu kepada 168.6 mata, selari dengan pertumbuhan nilai import. Penurunan **indeks volum import** didorong oleh kejatuhan indeks bahan mentah tidak boleh dimakan (-30.0%), bahan kimia (-11.0%) dan alat jentera & kelengkapan pengangkutan (-6.1%) (Paparan 4).

Selain itu, **indeks nilai seunit import** berkembang 5.3 peratus kepada 128.0 mata pada Januari 2023 berbanding bulan yang sama tahun sebelumnya. Peningkatan ini disumbangkan oleh kenaikan indeks minyak galian (+28.1%), alat jentera & kelengkapan pengangkutan (+6.2%) dan makanan (+3.0%).

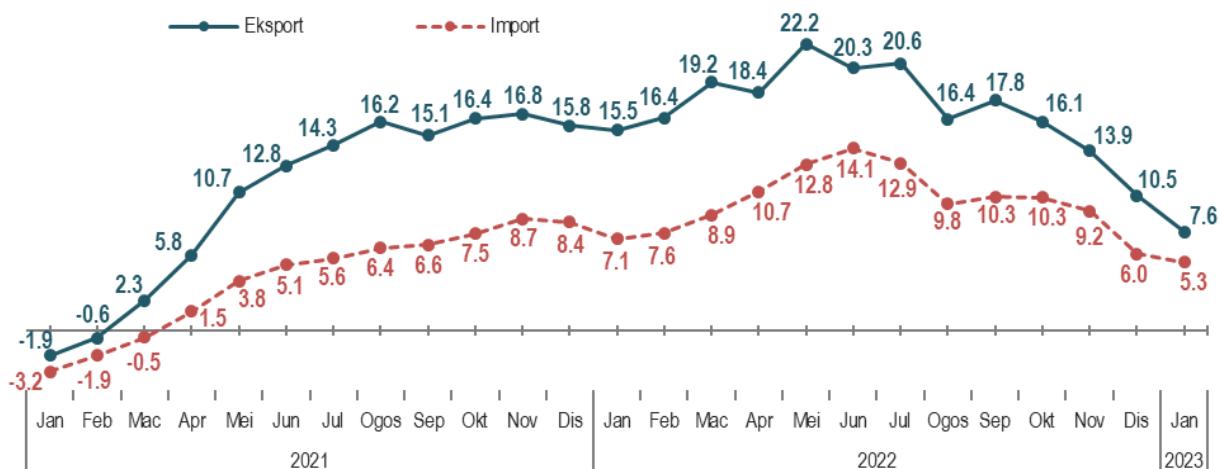
PERBANDINGAN TAHUN KE TAHUN



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

SIRI MASA INDEKS NILAI SEUNIT EKSPORT & IMPORT

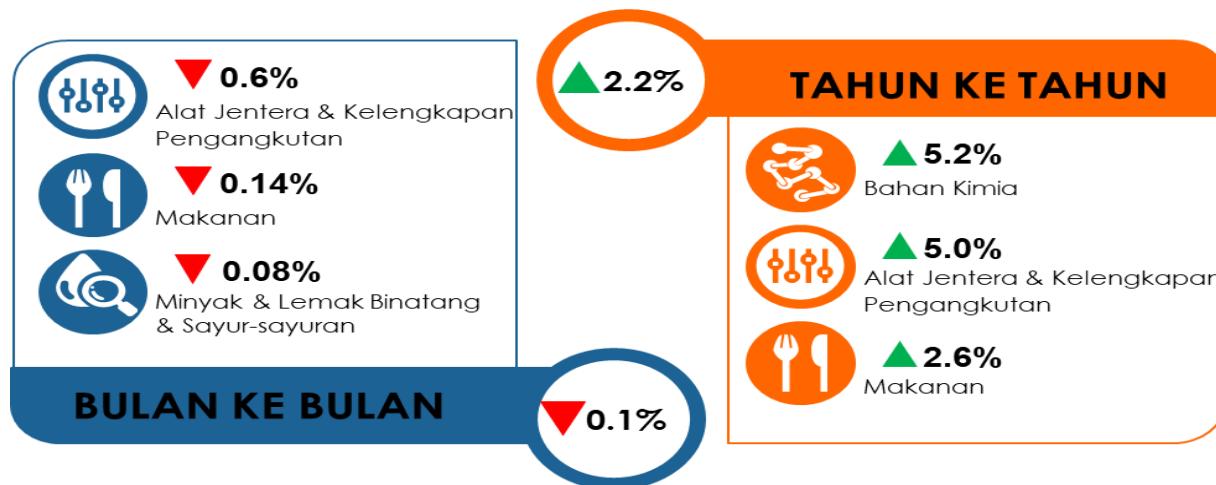
Kedua-dua indeks nilai seunit eksport dan import meningkat tahun ke tahun pada Januari 2023. Indeks nilai seunit eksport dan import kekal positif masing-masing sejak Mac dan April 2021.



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

TERMA PERDAGANGAN

Terma perdagangan Malaysia menyusut 0.1 peratus kepada 111.5 mata pada Januari 2023 berbanding Disember 2022. Penurunan ini didorong oleh kejatuhan indeks alat jentera & kelengkapan pengangkutan (-0.6%), makanan (-0.14%) dan minyak & lemak binatang & sayur-sayuran (-0.08%).

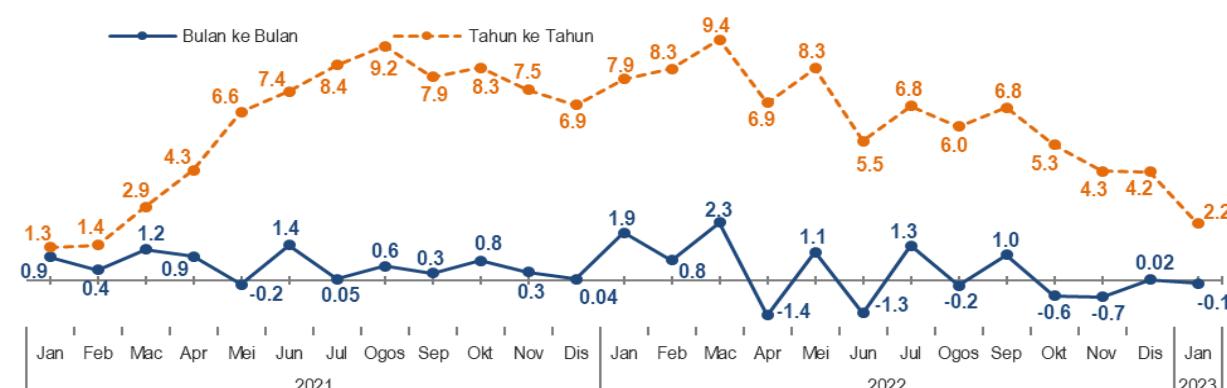


Paparan 5: Penyumbang Utama Terma Perdagangan Mengikut Bulan ke Bulan dan Tahun ke Tahun

Berasaskan tahun ke tahun, prestasi **terma perdagangan** Malaysia kekal positif dengan kenaikan 2.2 peratus daripada 109.1 mata pada Januari tahun lalu. Peningkatan ini disumbangkan oleh kenaikan indeks bahan kimia (+5.2%), diikuti oleh alat jentera & kelengkapan pengangkutan (+5.0%) dan makanan (+2.6%).

SIRI MASA TERMA PERDAGANGAN

Terma perdagangan Malaysia pada Januari 2023 mengekalkan pertumbuhan tahunan positif sejak Januari 2021. Walau bagaimanapun, prestasi bulan ke bulan **terma perdagangan** menunjukkan prestasi negatif pada Januari 2023. Di sebalik prestasi bulanan yang tidak menentu, **terma perdagangan** kekal pada paras melebihi 100.0 mata sejak Januari 2021.



Carta 5: Terma Perdagangan, Januari 2021 – Januari 2023

EXTERNAL TRADE INDICES JANUARY 2023

MALAYSIA'S TRADE PERFORMANCE

Malaysia's export performance remained resilient to maintain a positive growth in January 2023, grew by 1.6 per cent from the corresponding month in 2022 to RM112.8 billion. Consistent with the growth in exports, imports also registered an increase of 2.3 per cent to RM94.7 billion, year-on-year (y-o-y). Total trade expanded by 1.9 per cent from RM203.6 billion in January 2022 to RM207.5 billion. Meanwhile, the trade surplus slowed by 2.1 per cent to RM18.2 billion, it was the 33rd consecutive month of trade surplus since May 2020.

In comparison to December 2022, exports, imports, total trade and trade surplus showed declines of 14.4 per cent, 8.6 per cent, 11.8 per cent and 35.5 per cent, respectively.

MONTH-ON-MONTH COMPARISON

EXPORTS

Month-on-month (m-o-m) comparison showed that **export unit value index** continued to drop by 1.3 per cent in January 2023. The fall was contributed by the index of mineral fuels (-5.8%), chemicals (-0.3%) and miscellaneous manufactured articles (-0.2%).

Similarly, the **export volume index** also descended 13.2 per cent in January 2023, which was supported by the decrements in the index of animal & vegetable oils & fats (-40.4%), miscellaneous manufactured articles (-21.4%) and machinery & transport equipment (-13.8%). Likewise, the seasonally adjusted **export volume index** also dropped 6.9 per cent from 161.1 points to 150.1 points. (Chart 1).

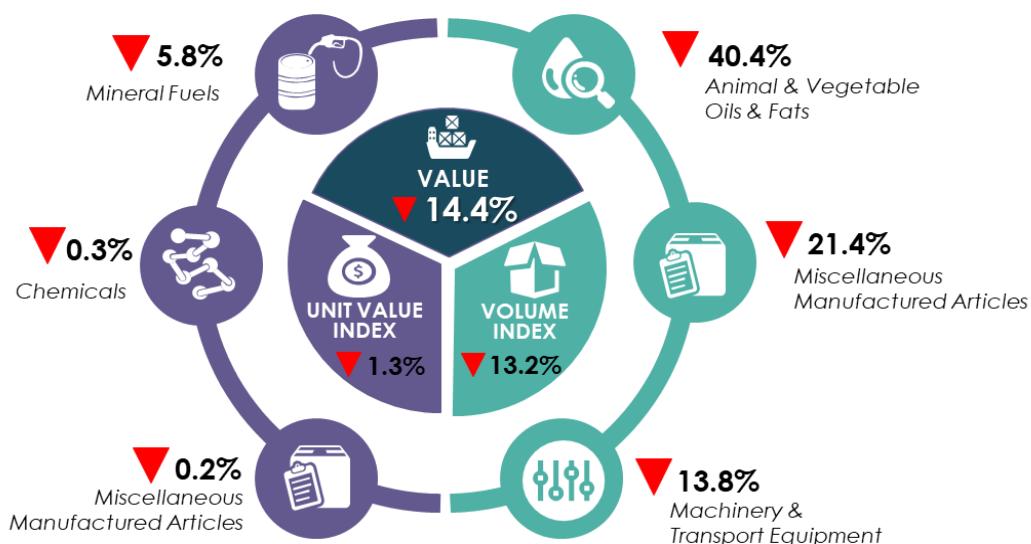


Exhibit 1: Export Value, Unit Value Index and Volume Index Performances and Main Contributors of Export Unit Value and Volume Indices

MONTH-ON-MONTH COMPARISON

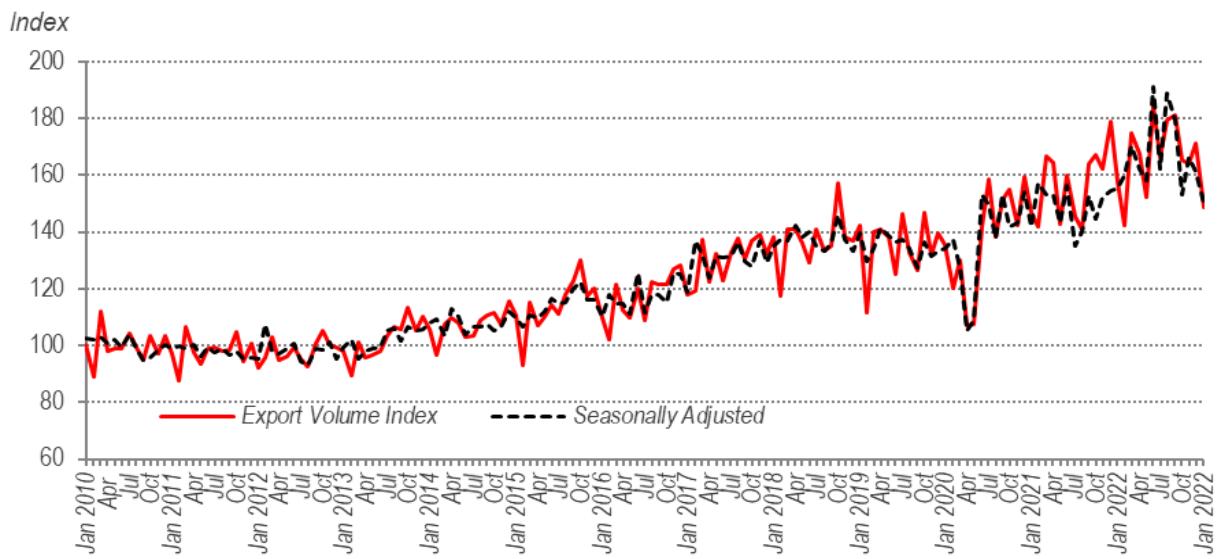


Chart 1: Export Volume Indices - Actual & Seasonally Adjusted

IMPORTS

The **import unit value index** showed a negative performance of 1.1 per cent in January 2023. The drop was supported by the declines in the index of mineral fuels (-6.8%), chemicals (-0.4%) and miscellaneous manufactured articles (-0.3%).

Likewise, the **import volume index** also fell 7.4 per cent in January 2023 as compared to the previous month. The fall was contributed by the decreases in the index of miscellaneous manufactured articles (-16.8%), machinery & transport equipment (-7.5%) and mineral fuels (-6.3%). The seasonally adjusted **import volume index** in January 2023 also descended 5.4 per cent from 175.4 points to 165.9 points. (Chart 2).

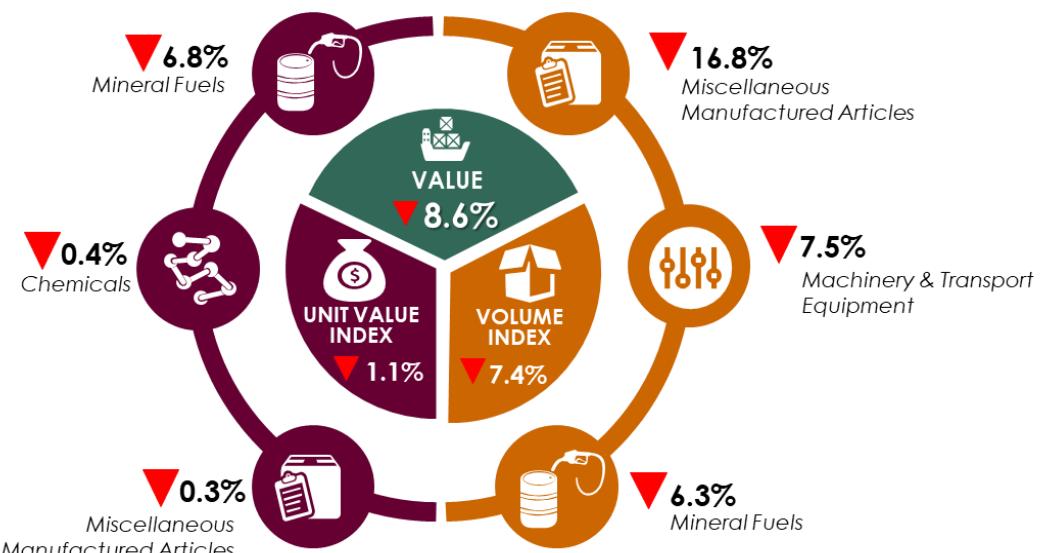


Exhibit 2: Import Value, Unit Value Index and Volume Index Performances and Main Contributors of Import Unit Value and Volume Indices

MONTH-ON-MONTH COMPARISON

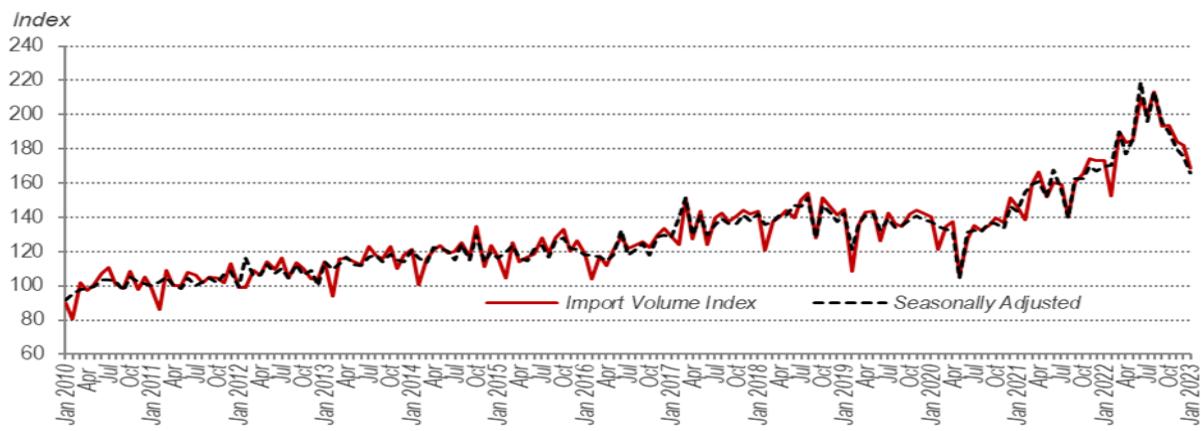
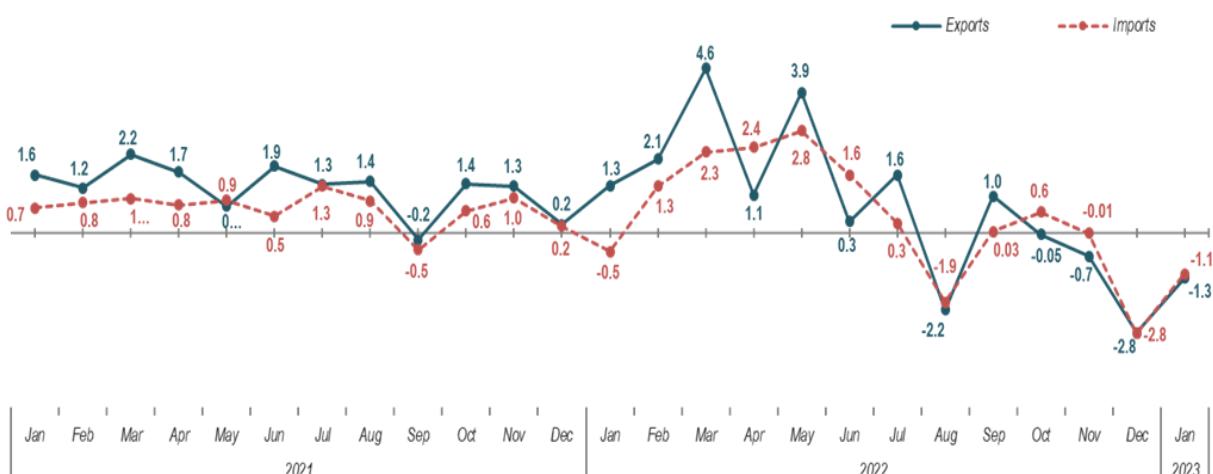


Chart 2: Import Volume Indices - Actual & Seasonally Adjusted

TIME-SERIES OF EXPORT & IMPORT UNIT VALUE INDICES

On a monthly basis, both **export and import unit value index** dropped in January 2023. The export and import value indices remained negative downward trajectory since October and November 2022, respectively amid the up and down performances since the second half of 2022.



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

YEAR-ON-YEAR COMPARISON

EXPORTS

The **export unit value index** continued to expand in January 2023, showing a growth of 7.6 per cent y-o-y. The growth was in line with the increase in Malaysia's export value as compared to the corresponding month of the preceding year. The increase in **export unit value index** was contributed by the growths in the index of mineral fuels (+25.7%), machinery & transport equipment (+11.5%) and chemicals (+3.1%).

On the other hand, the **export volume index** declined by 5.6 per cent in January 2023. The decrease was contributed by the index of manufactured goods (-29.2%), miscellaneous manufactured articles (-15.5%) and machinery & transport equipment (-7.9%).

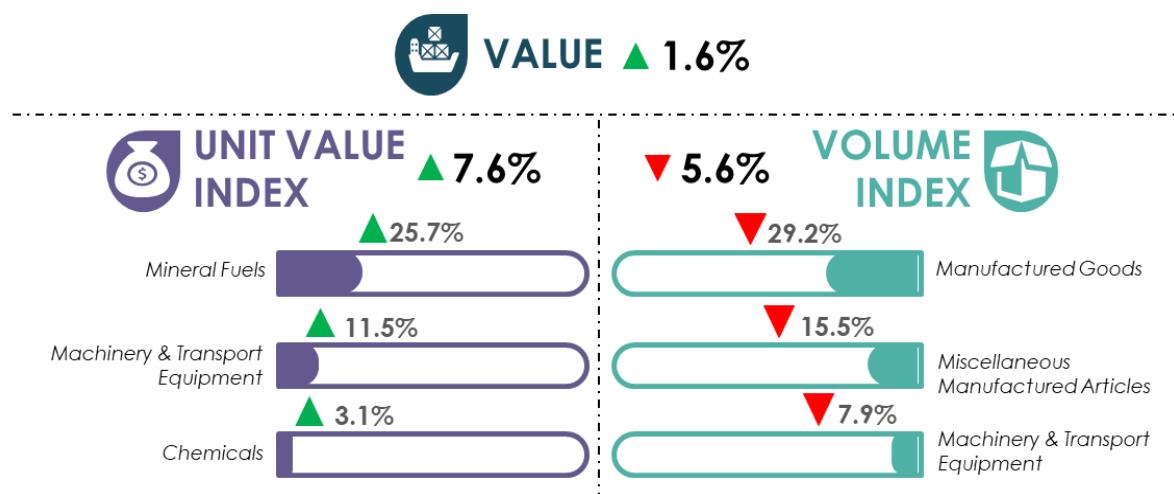


Exhibit 3: Export Value, Unit Value Index and Volume Index Performances and Main Contributors of Export Unit Value and Volume Indices

IMPORTS

The **import volume index** contracted 2.6 per cent in January 2023 as compared to the same month of the previous year to 168.6 points, in accordance with the growth in the import value. The decrease in the **import volume index** was attributed in the index of inedible crude materials (-30.0%), chemicals (-11.0%) and machinery & transport equipment (-6.1%) (Exhibit 4).

Consequently, the **import unit value index** grew 5.3 per cent to 128.0 points in January 2023 as compared to the same month of the previous year. The growth was contributed by the increments in the index of mineral fuels (+28.1%), machinery & transport equipment (+6.2%) and food (+3.0%).

YEAR-ON-YEAR COMPARISON

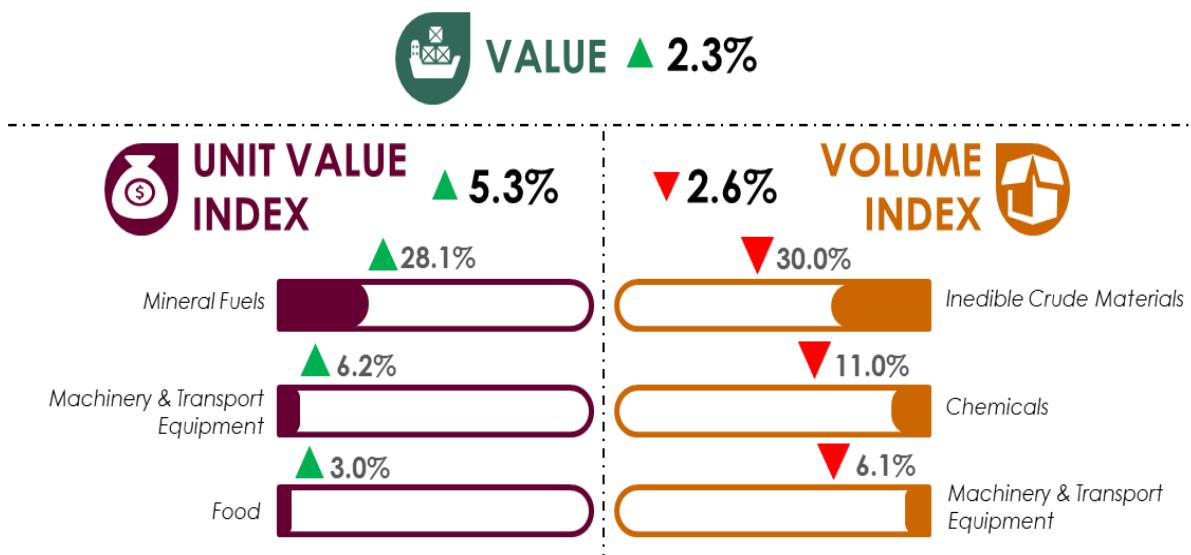


Exhibit 4: Import Value, Unit Value Index and Volume Index Performances and Main Contributors of Import Unit Value and Volume Indices

TIME-SERIES OF EXPORT & IMPORT UNIT VALUE INDICES

Both the **export** and **import unit value indices** increased y-o-y in January 2023. The **export** and **import unit value indices** consistently positive since March and April 2021, respectively.

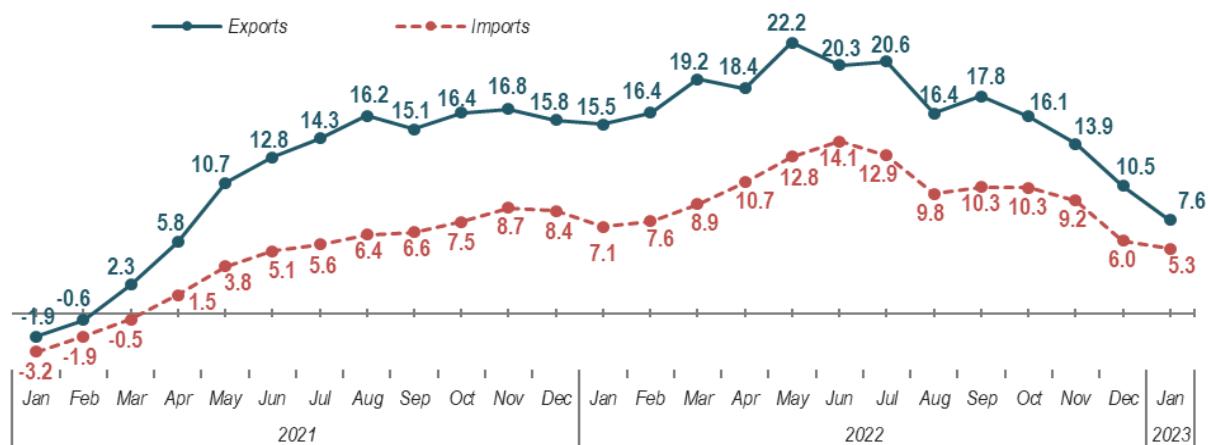


Chart 4: Year-on-Year Percentage Change of Export & Import Unit Value Indices January 2021 – January 2023

TERMS OF TRADE

Malaysia's **terms of trade** fell 0.1 per cent to 111.5 points in January 2023 as compared to December 2022. The decrement was contributed by the decreases in the index of machinery & transport equipment (-0.6%), food (-0.14%) and animal & vegetables oils & fats (-0.08%).

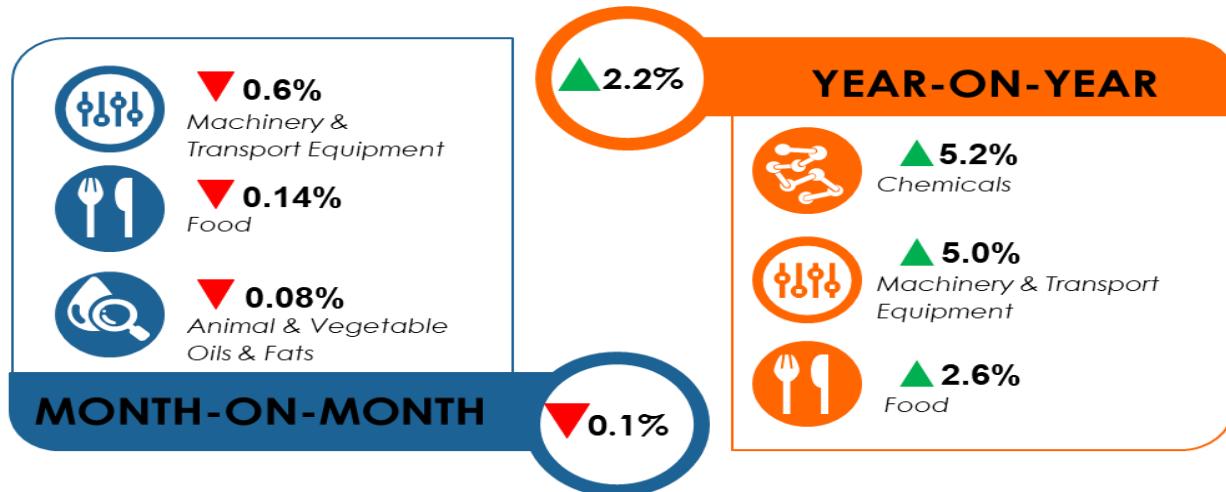


Exhibit 5: Main Contributors of Terms of Trade based Month-on-Month and Year-on-Year

On a y-o-y basis, Malaysia's **terms of trade** performance remained positive at 2.2 per cent from 109.1 points in January of previous year. This was driven by the rises in the index of chemicals (+5.2%), followed by machinery & transport equipment (+5.0%) and food (+2.6%).

TIME-SERIES OF TERMS OF TRADE

Malaysia's **terms of trade** in January 2023 sustained the positive y-o-y growth since January 2021. On the other hand, m-o-m performance of **terms of trade** noted a downward trend in January 2023. Despite the monthly up and down performances, **terms of trade** remained above 100 points since January 2021.



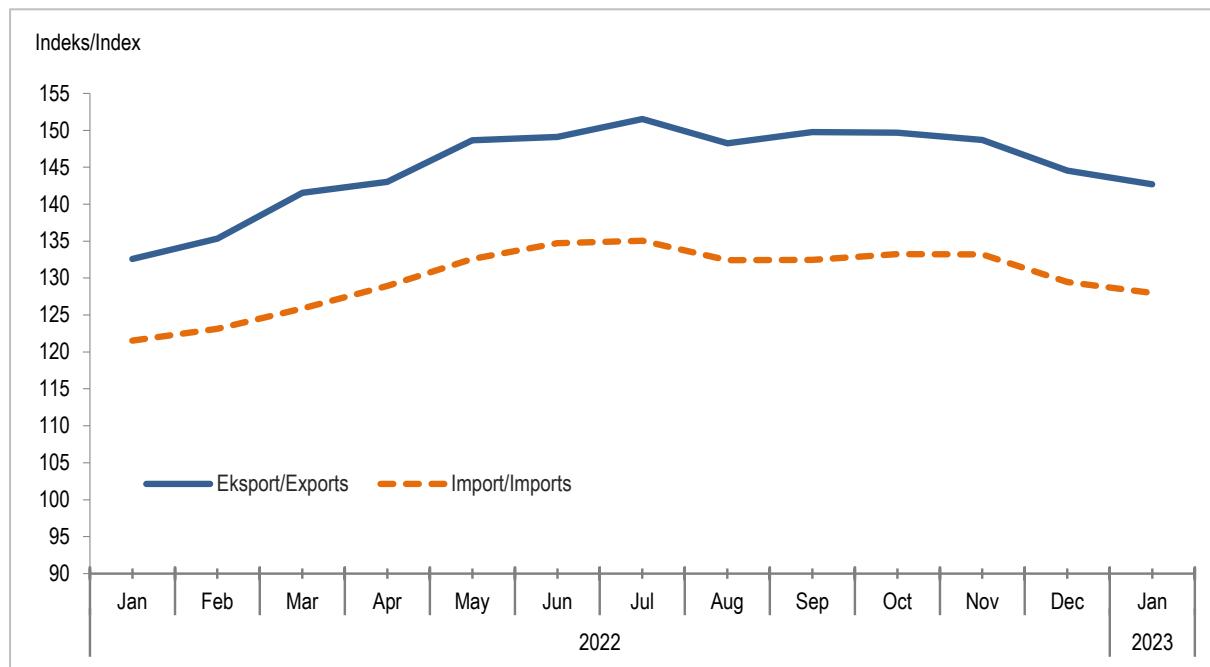
Chart 5: Terms of Trade, January 2021 – January 2023



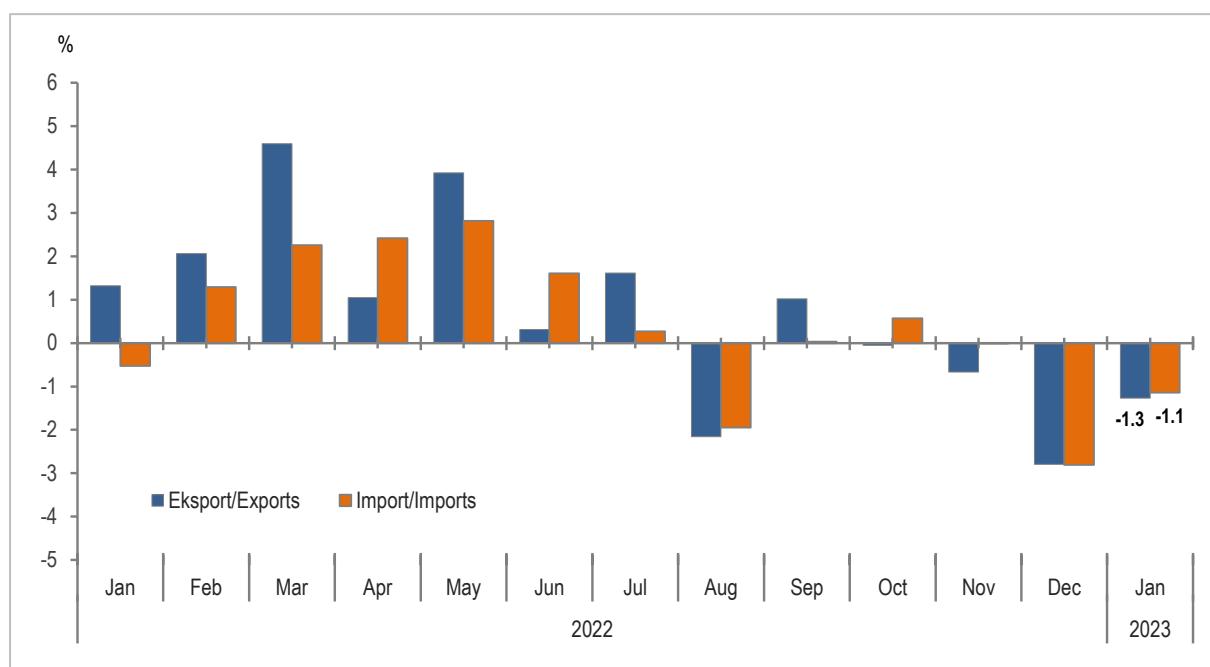
2. CARTA & JADUAL STATISTIK

STATISTICAL TABLES & CHARTS

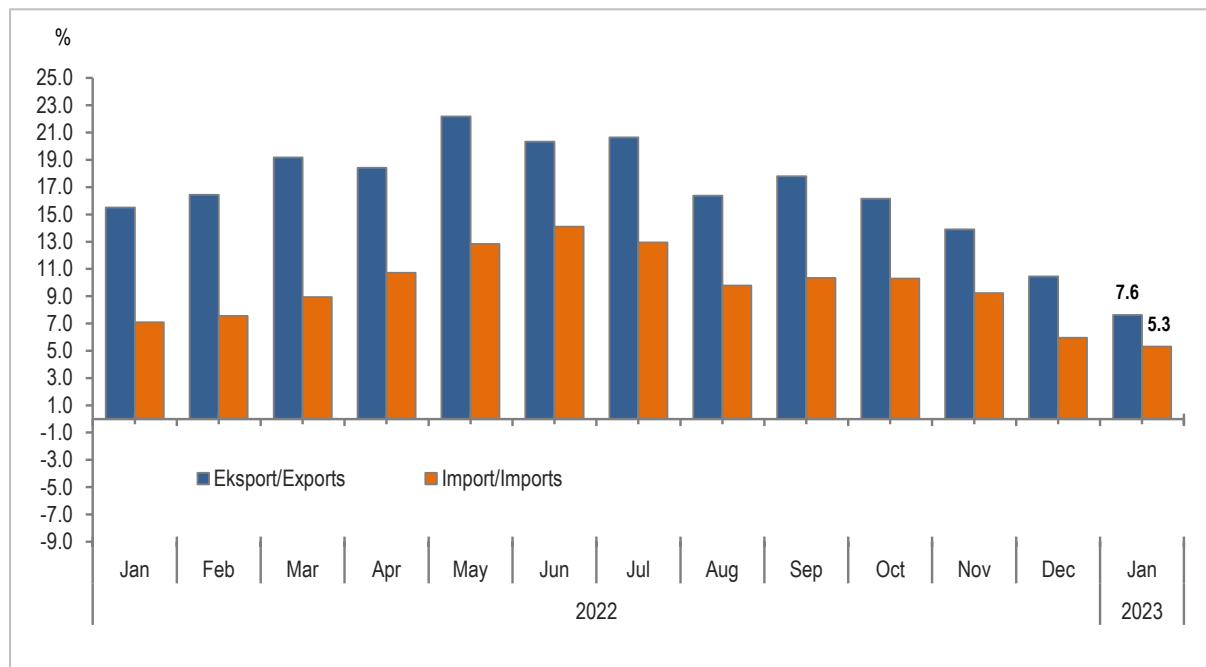
Carta 1.1: Indeks Nilai Seunit Eksport dan Import
 Chart 1.1: Export and Import Unit Value Index



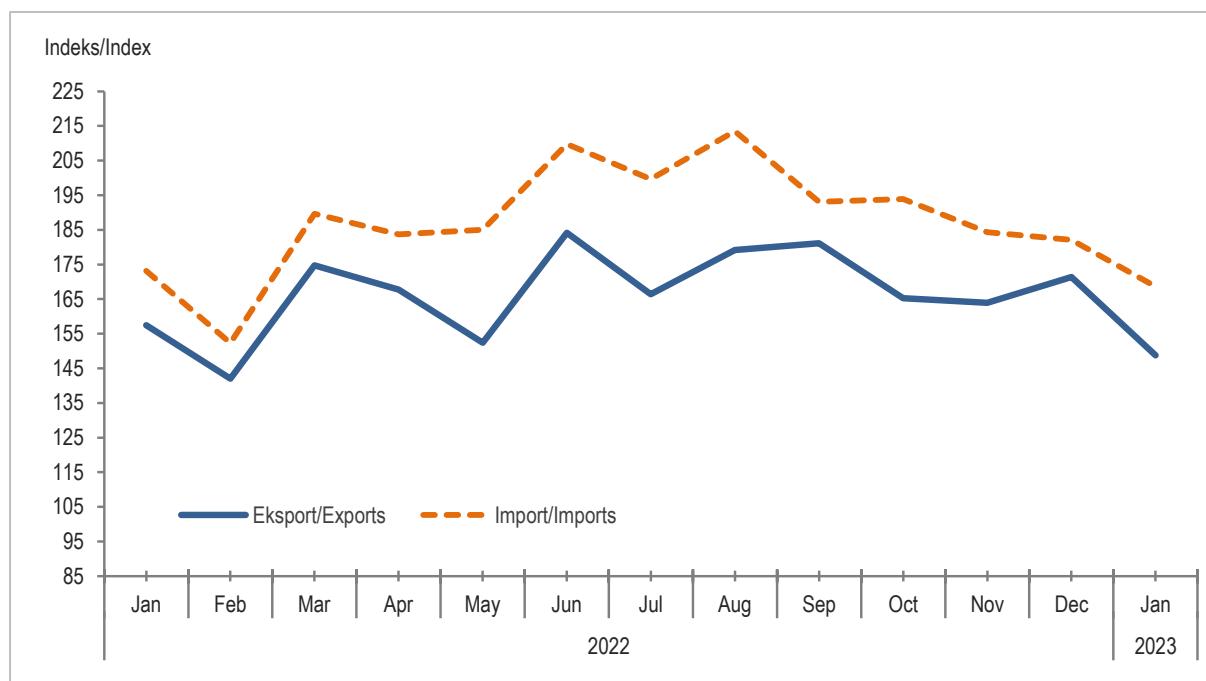
Carta 1.2: Peratus Perubahan Bulan ke Bulan Eksport dan Import Indeks Nilai seunit
 Chart 1.2: Month-on-Month Percentage Change in Export and Import Unit Value Index



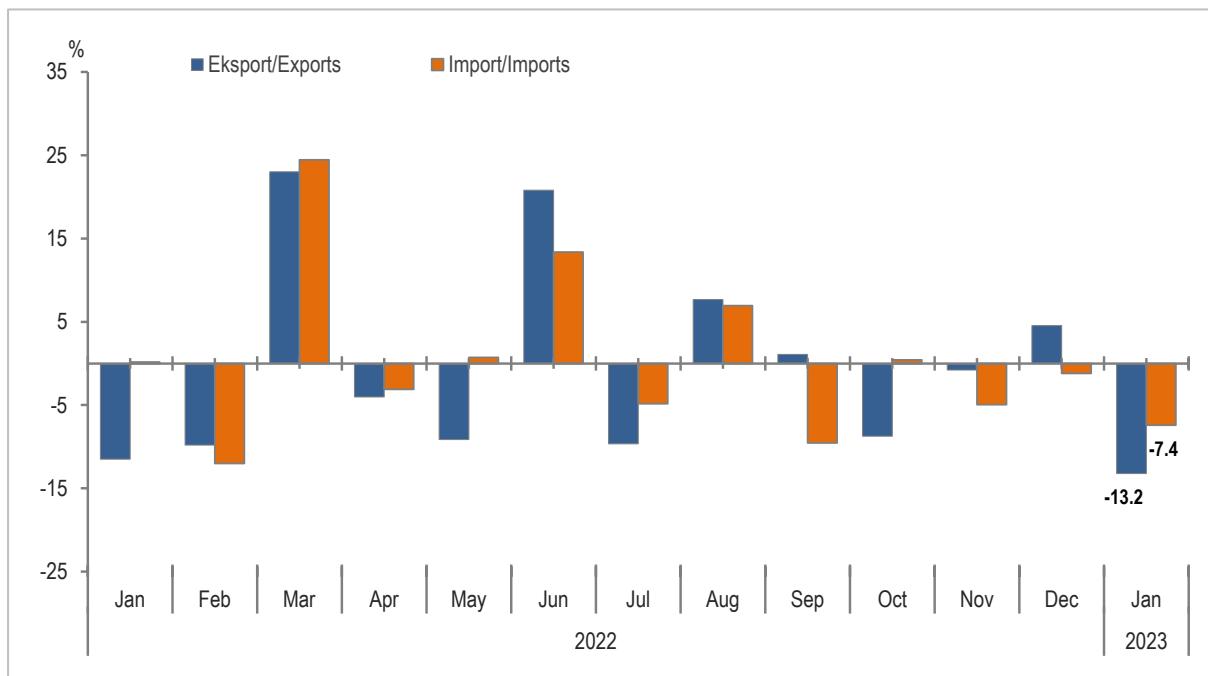
Carta 1.3: Peratus Perubahan Tahun Ke Tahun Indeks Nilai Seunit Eksport dan Import
 Chart 1.3: Year-on-Year Percentage Change in Export and Import Unit Value Index



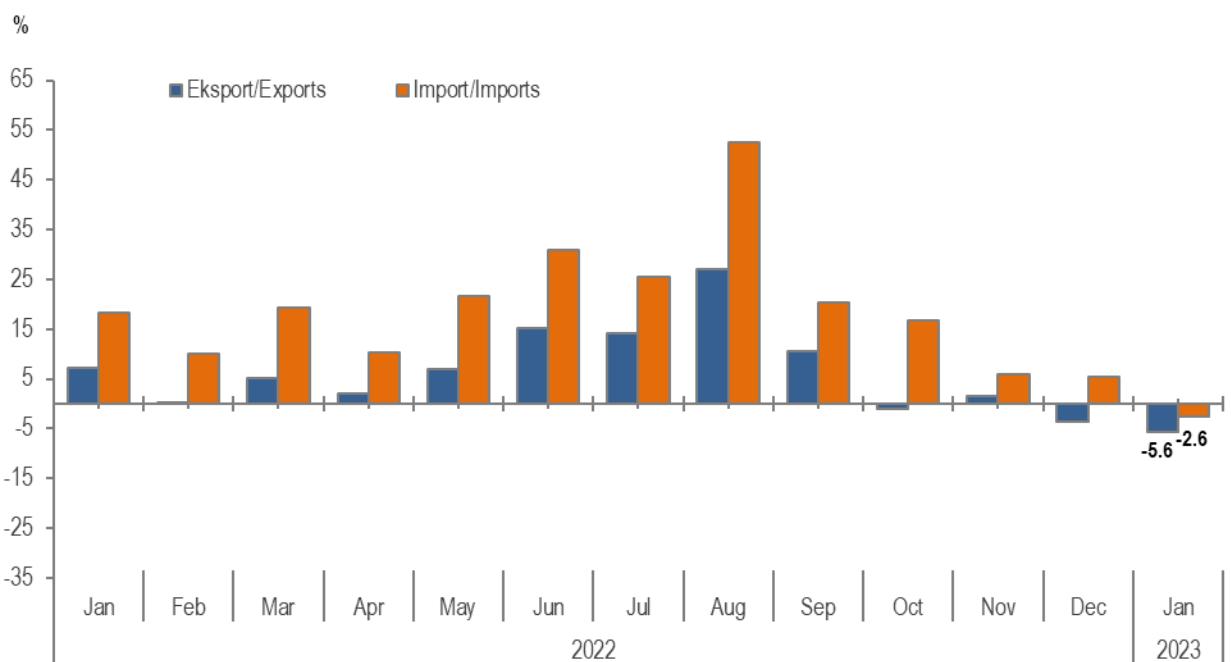
Carta 2.1: Indeks Volum Eksport dan Import
 Chart 2.1: Export and Import Volume Indices



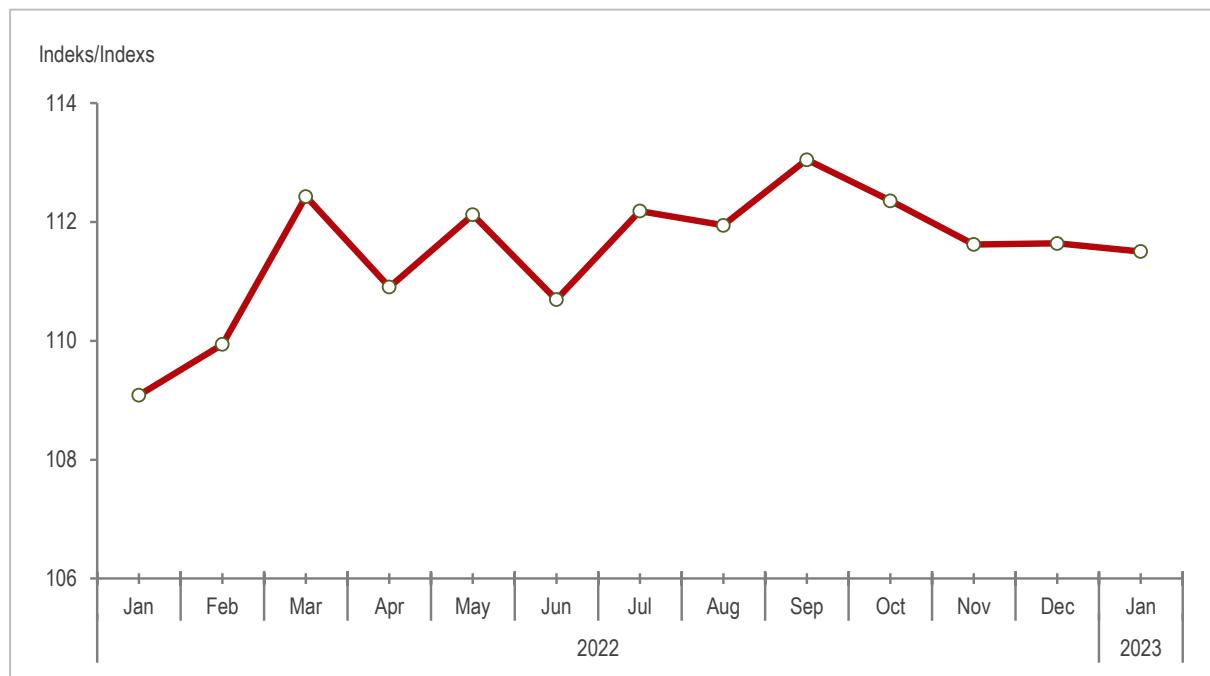
Carta 2.2: Peratus Perubahan Bulan ke Bulan Indeks Volum Eksport dan Import
Chart 2.2: Month-on-Month Percentage Change Export and Import Volume Index



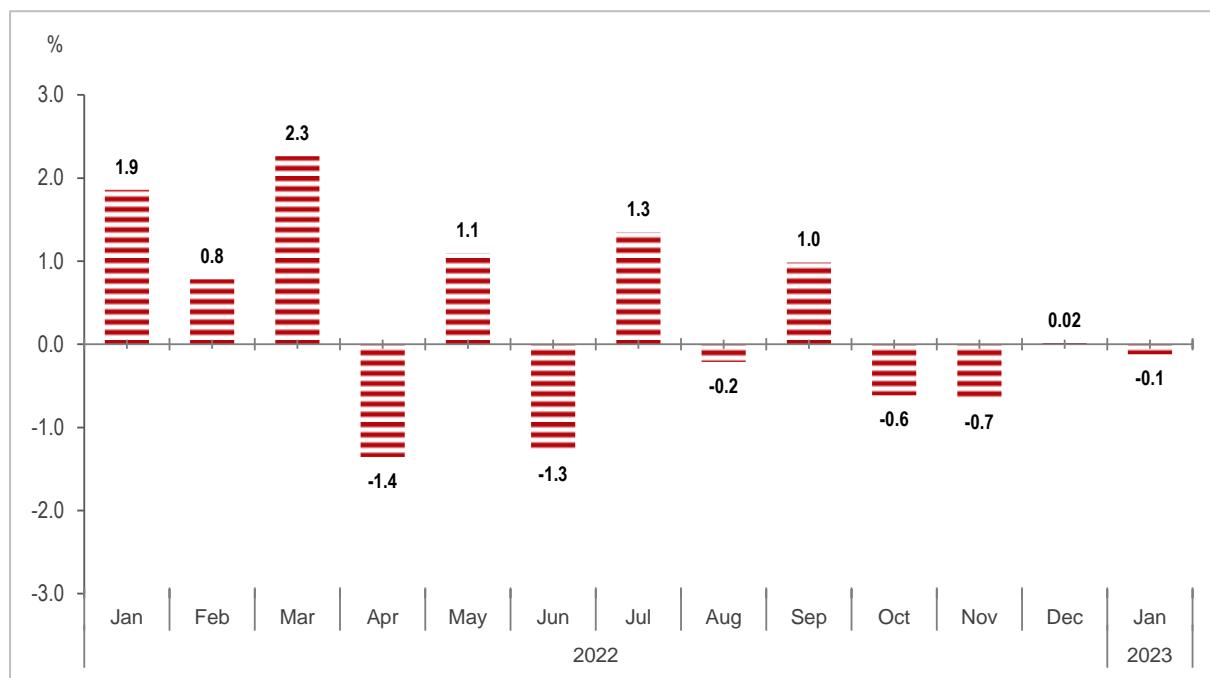
Carta 2.3: Peratus Perubahan Tahun ke Tahun Indeks Volum Eksport dan Import
Chart 2.3: Year-on-Year Percentage Change in Export and Import Volume Index



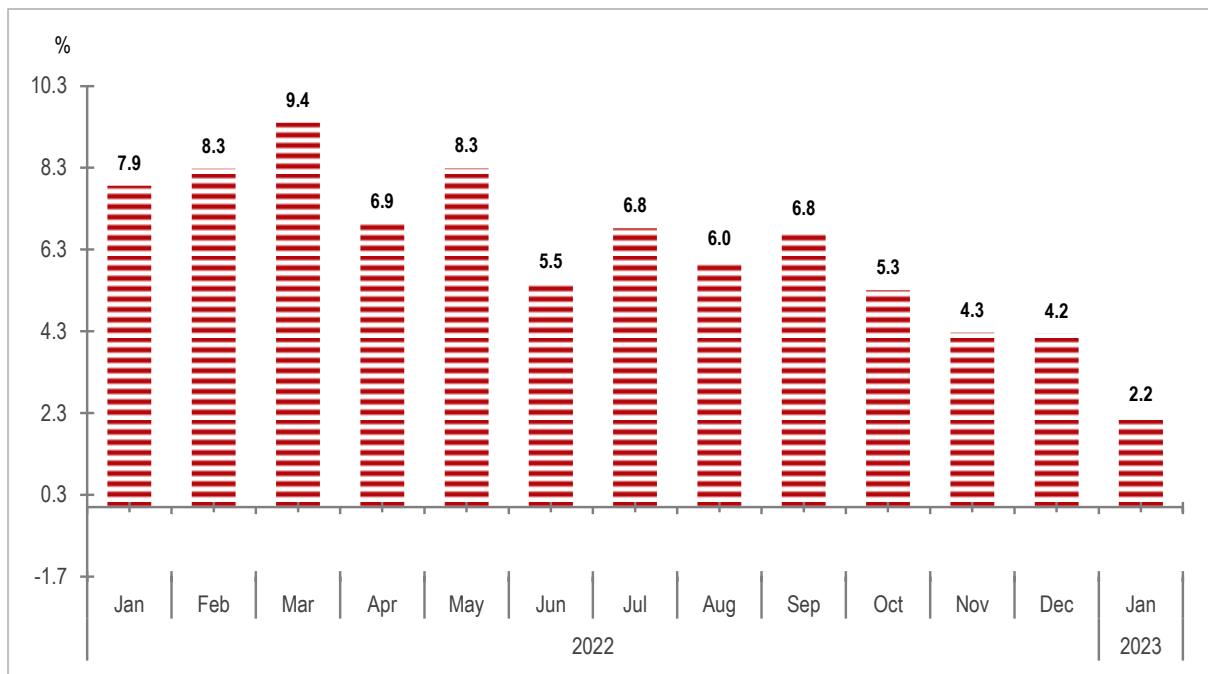
Carta 3.1: Indeks Terma Perdagangan
Chart 3.1: Terms of Trade Index



Carta 3.2: Peratus Perubahan Bulan Ke Bulan Indeks Terma Perdagangan
Chart 3.2: Month-on-Month Percentage Change in Terms of Trade Index



Carta 3.3: Peratus Perubahan Tahun ke Tahun Indeks Terma Perdagangan
Chart 3.3: Year-on-Year Percentage Change in Terms of Trade Index



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	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	
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	JAN	JAN	1.6	0.3	0.3	0.3	8.5	6.4	0.8	0.4	-0.3	0.3	-2.0
	FEB	FEB	1.2	0.4	0.4	1.6	3.6	4.8	0.6	0.6	0.4	0.2	2.4
	MAC	MAR	2.2	0.3	0.3	1.5	8.3	4.0	1.0	0.7	1.0	0.6	3.4
	APR	APR	1.7	0.5	0.5	1.2	4.7	6.1	0.8	0.8	0.6	0.5	1.7
	MEI	MAY	0.7	0.5	0.4	0.3	1.3	3.1	0.4	0.5	0.2	0.4	0.6
	JUN	JUN	1.9	0.3	0.2	0.5	7.3	3.5	0.4	0.8	0.8	-0.1	1.9
	JUL	JUL	1.3	0.2	0.1	0.3	6.7	-2.7	0.3	0.5	1.1	0.1	0.9
	OGOS	AUG	1.4	0.1	0.6	0.5	5.3	1.4	0.9	0.8	0.6	0.3	3.3
	SEP	SEP	-0.2	0.0	0.5	0.1	-1.1	3.2	0.4	-0.2	-0.8	-0.2	-0.2
	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 ^o	JAN ^o	-1.3	0.1	0.5	0.1	-5.8	0.3	-0.3	0.2	0.4	-0.2	-15.3

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 TEMBAKU 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		
∞	2021	JAN	JAN	-1.9	3.4	2.8	2.8	-25.0	25.2	3.4	1.9	0.2	1.4	-8.7
		FEB	FEB	-0.6	3.7	2.9	4.2	-19.1	24.3	3.9	2.6	0.2	1.4	-4.6
		MAC	MAR	2.3	3.6	2.9	5.3	-7.0	30.6	4.6	3.1	0.6	1.5	1.7
		APR	APR	5.8	4.0	2.9	6.7	9.1	46.2	5.4	3.8	0.4	1.7	4.8
		MEI	MAY	10.7	4.2	3.2	7.8	39.0	60.7	6.1	5.0	1.1	2.4	8.0
		JUN	JUN	12.8	4.3	3.3	8.6	49.3	76.5	6.4	6.3	1.0	2.1	11.4
		JUL	JUL	14.3	4.1	3.1	8.8	67.2	63.7	6.6	6.4	1.8	2.2	10.8
		OGOS	AUG	16.2	3.7	3.6	10.0	80.9	57.4	7.0	7.1	3.0	2.2	16.8
		SEP	SEP	15.1	3.7	3.9	9.8	69.9	54.3	7.2	6.8	2.8	2.1	18.5
		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 ^p	JAN ^p	7.6	5.7	4.5	-0.4	25.7	-24.3	3.1	1.4	11.5	0.3	62.1	

MALAYSIA
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- 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
		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	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	167.1	121.2	61.2	176.7	142.3	100.4	175.0	219.2	187.2	198.4	57.8
2021	JAN	JAN	146.8	100.6	62.8	158.2	118.2	60.1	128.8	172.5	158.4
	FEB	FEB	142.0	99.9	50.1	188.8	144.3	67.5	138.8	166.4	137.0
	MAC	MAR	166.6	115.3	79.1	190.2	112.6	88.1	171.8	218.6	171.7
	APR	APR	164.4	103.9	66.6	175.0	171.1	89.5	150.2	205.3	159.3
	MEI	MAY	142.7	96.5	49.5	142.7	132.4	84.8	141.4	199.6	135.8
	JUN	JUN	159.8	106.2	41.5	128.8	148.5	99.6	183.3	194.4	155.5
	JUL	JUL	145.4	106.3	37.7	130.9	153.0	96.6	156.4	170.9	143.5
	OGOS	AUG	140.7	109.7	56.4	180.3	120.3	79.8	157.0	195.8	142.2
	SEP	SEP	164.0	109.7	51.9	193.4	133.7	106.1	163.9	253.1	169.4
	OKT	OCT	167.0	117.4	58.8	181.1	134.1	97.2	175.4	273.6	176.4
	NOV	NOV	162.2	121.6	63.3	173.8	130.4	104.4	173.6	241.1	168.9
	DIS	DEC	178.8	128.3	78.6	175.6	118.9	114.4	189.8	238.6	204.2
2022	JAN	JAN	157.5	111.9	57.4	173.5	105.6	85.0	166.5	234.6	181.2
	FEB	FEB	142.1	102.1	49.8	157.9	105.5	75.8	174.1	199.4	159.1
	MAC	MAR	174.7	125.2	61.3	208.4	127.0	95.6	185.2	230.1	208.4
	APR	APR	167.7	126.9	66.8	217.4	120.1	84.3	197.7	273.9	186.2
	MEI	MAY	152.4	108.7	52.2	138.8	130.9	88.1	168.0	204.0	173.7
	JUN	JUN	184.1	125.3	50.5	172.1	186.0	108.5	182.9	230.1	197.3
	JUL	JUL	166.4	123.4	56.9	200.5	168.2	87.7	174.2	220.2	177.4
	OGOS	AUG	179.2	128.2	65.8	186.2	181.2	104.0	172.3	219.5	192.3
	SEP	SEP	181.1	122.4	58.5	175.3	155.4	118.4	176.1	214.5	209.8
	OKT	OCT	165.3	123.2	62.8	150.1	168.5	99.9	165.8	201.2	178.6
	NOV	NOV	163.9	128.3	77.3	168.0	128.4	110.5	170.8	194.9	189.1
	DIS	DEC	171.4	128.4	75.5	172.6	131.0	147.5	166.3	207.5	193.4
2023	JAN ^p	JAN ^p	148.7	97.7	62.0	164.9	144.1	87.9	141.4	166.0	166.8
										157.1	63.9

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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	KELUARAN KILANG MANUFACTURED ARTICLES	PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES			
2021	JAN	JAN	-7.9	-5.2	-27.1	-6.3	-19.6	-49.7	-6.9	-8.5	0.2	-1.3	-9.0	
	FEB	FEB	-3.3	-0.6	-20.2	19.3	22.2	12.4	7.7	-3.6	-13.5	-0.7	0.9	
	MAC	MAR	17.3	15.4	57.8	0.7	-22.0	30.4	23.8	31.4	25.3	18.3	15.3	
	APR	APR	-1.3	-9.8	-15.8	-8.0	52.0	1.6	-12.5	-6.1	-7.3	-2.2	28.7	
	MEI	MAY	-13.2	-7.2	-25.6	-18.5	-22.6	-5.2	-5.9	-2.8	-14.8	-13.1	-29.2	
	JUN	JUN	11.9	10.0	-16.2	-9.7	12.1	17.5	29.6	-2.6	14.5	8.9	18.0	
	JUL	JUL	-9.0	0.1	-9.0	1.6	3.1	-3.0	-14.7	-12.1	-7.7	-22.8	-14.7	
	OGOS	AUG	-3.2	3.2	49.5	37.8	-21.4	-17.4	0.4	14.6	-0.9	-1.8	-2.8	
	SEP	SEP	16.5	-0.1	-8.1	7.3	11.1	32.9	4.4	29.3	19.2	11.5	0.7	
	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	-11.2	-25.7	-12.2	-1.7	-11.3	-15.3	11.8	
	FEB	FEB	-9.8	-8.7	-13.2	-9.0	-0.2	-10.9	4.6	-15.0	-12.2	-11.0	-16.5	
	MAC	MAR	23.0	22.6	23.2	32.0	20.4	26.1	6.4	15.4	30.9	25.6	72.2	
	APR	APR	-4.0	1.4	9.0	4.3	-5.5	-11.8	6.7	19.0	-10.6	0.1	-30.6	
	MEI	MAY	-9.1	-14.4	-21.9	-36.1	9.0	4.6	-15.1	-25.5	-6.7	-14.4	-16.7	
	JUN	JUN	20.8	15.3	-3.1	23.9	42.1	23.1	8.9	12.8	13.5	32.1	-2.7	
	JUL	JUL	-9.6	-1.5	12.5	16.5	-9.6	-19.2	-4.7	-4.3	-10.1	-15.5	-11.7	
	OGOS	AUG	7.7	3.8	15.8	-7.1	7.7	18.6	-1.1	-0.3	8.4	10.0	12.5	
	SEP	SEP	1.1	-4.5	-11.2	-5.8	-14.2	13.8	2.2	-2.3	9.1	-1.4	-8.5	
	OKT	OCT	-8.7	0.6	7.4	-14.4	8.4	-15.6	-5.8	-6.2	-14.9	-17.8	5.1	
	NOV	NOV	-0.8	4.2	23.0	12.0	-23.8	10.6	3.0	-3.1	5.9	8.0	18.3	
	DIS	DEC	4.6	0.1	-2.4	2.7	2.1	33.5	-2.6	6.5	2.3	4.6	-8.0	
10	2023	JAN ^p	JAN ^p	-13.2	-23.9	-17.9	-4.4	10.0	-40.4	-15.0	-20.0	-13.8	-21.4	17.1

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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
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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		6.7	10.5	5.5	5.0	5.6	10.8	8.8	4.0	16.9	-8.5	-1.7		
=	2021	JAN	JAN	8.5	2.5	-10.6	1.6	-13.1	-26.6	5.4	9.1	44.3	-43.4	
		FEB	FEB	18.4	2.2	-32.5	33.8	31.1	-9.6	10.6	0.3	20.8	34.7	-37.9
		MAC	MAR	28.2	16.2	44.0	1.4	-26.4	17.8	30.2	52.6	36.4	73.8	-3.6
		APR	APR	53.7	17.1	39.5	85.0	41.6	18.1	36.8	80.4	46.3	128.1	626.0
		MEI	MAY	32.9	6.9	4.7	47.4	20.7	-1.5	32.1	54.8	34.2	60.0	24.5
		JUN	JUN	12.7	1.6	-29.4	-17.3	22.7	-14.5	48.4	17.9	9.9	26.2	60.5
		JUL	JUL	-8.3	1.3	-39.5	-28.6	-7.4	-17.0	41.4	5.9	-13.7	-8.3	18.0
		OGOS	AUG	1.7	10.6	-1.0	8.2	-16.5	-14.3	49.8	32.0	4.4	-10.0	19.2
		SEP	SEP	8.4	10.4	-20.8	20.5	15.1	1.4	38.0	62.5	3.6	-2.6	-2.7
		OKT	OCT	7.9	10.6	-8.3	1.0	12.4	-12.6	51.6	71.5	7.8	-13.2	13.2
		NOV	NOV	13.9	24.7	4.6	7.3	3.8	30.1	39.6	51.5	16.1	-3.2	72.5
		DIS	DEC	12.1	21.0	-8.8	4.1	-19.1	-4.4	37.2	26.6	29.2	-1.9	3.3
2022	JAN	JAN	7.2	11.2	-8.7	9.6	-10.6	41.4	29.3	36.0	14.4	-15.9	26.9	
	FEB	FEB	0.0	2.2	-0.6	-16.4	-26.9	12.2	25.5	19.9	16.1	-24.6	5.0	
	MAC	MAR	4.9	8.6	-22.5	9.6	12.8	8.5	7.8	5.2	21.3	-20.0	56.7	
	APR	APR	2.0	22.1	0.4	24.3	-29.8	-5.8	31.6	33.4	16.9	-18.0	-15.5	
	MEI	MAY	6.8	12.6	5.4	-2.7	-1.2	3.9	18.8	2.2	28.0	-19.3	-0.6	
	JUN	JUN	15.3	18.0	21.8	33.6	25.3	8.9	-0.3	18.3	26.9	-2.1	-18.0	
	JUL	JUL	14.4	16.1	50.7	53.2	9.9	-9.3	11.4	28.9	23.7	7.2	-15.1	
	OGOS	AUG	27.3	16.8	16.7	3.3	50.6	30.3	9.7	12.1	35.2	20.1	-1.7	
	SEP	SEP	10.5	11.6	12.8	-9.4	16.2	11.6	7.4	-15.2	23.8	6.2	-10.8	
	OKT	OCT	-1.0	4.9	6.8	-17.1	25.6	2.8	-5.5	-26.5	1.2	-8.8	-21.7	
	NOV	NOV	1.1	5.5	22.2	-3.4	-1.6	5.8	-1.6	-19.2	11.9	-6.4	-8.8	
	DIS	DEC	-4.1	0.1	-3.9	-1.7	10.2	28.9	-12.3	-13.0	-5.3	-8.9	-6.0	
2023	JAN ^p	JAN ^p	-5.6	-12.7	8.0	-4.9	36.4	3.4	-15.1	-29.2	-7.9	-15.5	-1.6	

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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	JAN	JAN	0.7	0.1	0.1	-0.1	7.7	4.2	0.5	0.4	-0.3	0.0	0.1
	FEB	FEB	0.8	0.3	0.3	1.1	6.3	2.6	0.3	0.6	0.3	0.1	-2.2
	MAC	MAR	1.0	0.4	0.1	3.0	4.7	5.3	0.4	0.5	0.7	0.3	-4.3
	APR	APR	0.8	0.6	0.1	2.4	2.8	3.6	0.5	0.7	0.2	-0.1	3.3
	MEI	MAY	0.9	0.4	0.2	-0.4	7.1	2.4	0.2	0.9	-0.3	0.2	3.0
	JUN	JUN	0.5	0.5	0.3	0.9	1.6	4.4	0.2	0.7	0.1	0.1	-0.5
	JUL	JUL	1.3	0.2	0.2	-0.6	8.1	-1.0	0.4	0.4	0.7	0.3	0.7
	OGOS	AUG	0.9	0.1	0.1	-0.2	7.2	1.5	-0.1	0.3	-0.3	0.2	3.1
	SEP	SEP	-0.5	0.0	0.0	0.0	-1.1	2.4	-0.2	0.1	-0.8	0.0	-2.1
	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	0.0	0.0	0.8	0.4	2.6
	APR	APR	2.4	0.5	-0.2	0.6	11.4	5.9	0.3	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 ^p	JAN ^p	-1.1	0.2	-0.1	-0.5	-6.8	0.3	-0.4	-0.2	1.0	-0.3	7.3

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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 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
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	JAN	JAN	-3.2	1.4	1.6	7.8	-28.8	24.8	1.3	1.6	-2.3	-0.4	18.8
	FEB	FEB	-1.9	1.4	1.6	7.8	-19.1	23.2	1.6	2.4	-2.4	-0.5	12.1
	MAC	MAR	-0.5	1.4	1.7	9.7	-9.4	29.3	1.8	3.2	-2.1	-0.5	3.2
	APR	APR	1.5	1.4	1.5	12.7	8.4	43.7	2.1	3.7	-2.5	-0.8	3.6
	MEI	MAY	3.8	1.6	1.5	13.6	32.7	55.6	2.5	4.7	-2.3	-0.5	4.0
	JUN	JUN	5.1	2.3	1.7	15.0	40.1	70.1	3.2	5.6	-1.9	-0.1	4.2
	JUL	JUL	5.6	2.8	1.6	13.2	39.1	59.5	3.5	6.0	-0.9	0.1	0.7
	OGOS	AUG	6.4	3.0	1.8	13.5	47.2	62.0	3.5	5.9	-0.6	0.6	-4.9
	SEP	SEP	6.6	3.0	1.8	12.2	53.5	57.3	3.1	5.7	-0.9	0.8	-2.6
	OKT	OCT	7.5	2.8	1.3	11.0	67.8	53.4	2.8	5.5	-0.7	0.8	-5.0
	NOV	NOV	8.7	2.9	1.4	7.5	78.9	54.4	2.6	5.2	0.0	1.2	-1.1
	DIS	DEC	8.4	3.2	1.3	5.4	63.7	53.5	2.9	5.2	1.2	1.3	4.1
2022	JAN	JAN	7.1	3.2	1.4	5.2	45.0	61.1	2.1	4.9	1.2	1.5	4.1
	FEB	FEB	7.6	2.9	1.3	4.3	48.7	58.9	2.3	4.4	1.0	1.4	7.7
	MAC	MAR	8.9	2.8	1.5	1.0	60.7	56.6	1.9	3.9	1.2	1.5	15.4
	APR	APR	10.7	2.6	1.2	-0.8	74.0	60.0	1.7	3.3	2.1	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	11.9
	JUN	JUN	14.1	2.4	0.8	0.0	90.5	56.6	0.8	1.8	5.5	2.7	10.8
	JUL	JUL	12.9	2.5	0.7	0.7	79.6	51.8	-0.1	1.2	5.4	2.8	2.8
	OGOS	AUG	9.8	2.6	0.9	1.2	50.6	43.3	-0.4	0.9	5.8	2.7	-1.8
	SEP	SEP	10.3	2.7	1.0	1.0	50.9	37.3	-0.3	0.4	7.7	3.0	-3.5
	OKT	OCT	10.3	2.9	1.5	1.3	39.5	34.1	-0.2	0.4	10.4	3.3	-0.1
	NOV	NOV	9.2	3.0	1.5	1.1	37.2	21.2	-0.5	0.2	8.6	3.3	2.8
	DIS	DEC	6.0	2.8	0.4	0.3	31.1	1.9	-1.8	-0.6	4.8	2.8	-4.9
2023	JAN ^p	JAN ^p	5.3	3.0	0.1	0.1	28.1	-6.5	-2.0	-0.9	6.2	2.4	2.0

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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 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	
2021	JAN	JAN	-3.4	-3.6	-26.6	0.0	3.0	-16.4	-7.1	-3.1	-4.0	-10.4	28.1
	FEB	FEB	-5.4	-6.5	-6.1	-5.0	12.1	-32.5	-3.0	-7.3	-7.6	-6.3	-15.4
	MAC	MAR	15.0	20.5	15.0	8.6	-10.2	8.1	23.0	13.7	15.0	16.9	99.5
	APR	APR	4.7	4.9	4.6	-3.9	57.4	-14.7	-3.2	5.1	0.4	6.5	-39.5
	MEI	MAY	-8.8	-12.6	0.6	1.2	-34.5	1.3	-0.2	-3.7	-2.7	-1.9	-41.0
	JUN	JUN	5.5	13.0	14.0	1.0	20.8	43.1	8.2	3.3	2.9	-4.4	-40.8
	JUL	JUL	-0.9	-4.0	-18.7	31.2	-0.6	-19.1	-9.8	-13.6	2.4	-2.7	-18.7
	OGOS	AUG	-11.9	-8.5	3.7	-39.4	-35.7	-10.0	-0.8	-3.2	-6.0	-5.1	40.9
	SEP	SEP	14.6	12.0	-11.4	24.3	36.9	-7.5	5.7	2.4	12.9	6.6	115.0
	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	0.1	10.7	-12.2	-0.2	4.1	8.9	4.3	0.0	-2.7	-3.5	-9.9
	FEB	FEB	-12.0	-27.0	-21.8	-17.1	1.2	52.0	-10.3	-16.9	-12.9	-12.7	-19.2
	MAC	MAR	24.5	26.5	77.1	20.1	51.1	-15.9	17.8	23.7	20.1	30.8	-8.9
	APR	APR	-3.1	-6.0	-32.2	20.2	-14.2	-16.1	-0.8	2.4	-1.4	-9.7	17.9
	MEI	MAY	0.7	9.4	0.7	-24.4	-6.0	-19.7	-6.3	-4.7	6.4	3.8	98.3
	JUN	JUN	13.4	-2.3	19.6	4.8	43.2	12.8	14.9	22.2	3.0	8.1	-5.8
	JUL	JUL	-4.8	-0.7	22.3	-17.3	-4.8	32.4	-7.2	-14.1	-3.6	0.2	-2.8
	OGOS	AUG	6.9	10.0	2.0	13.6	27.3	-6.2	2.1	-5.0	2.1	9.2	-20.3
	SEP	SEP	-9.6	-9.1	-15.7	-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	-0.7	-30.1
	NOV	NOV	4.9	-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	-6.8	-1.2	-19.1
2023	JAN ^p	JAN ^p	-7.4	-2.0	-16.3	-7.7	-6.3	14.2	-4.7	-6.0	-7.5	-16.8	-20.1

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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		19.3	15.6	37.0	-10.0	23.1	-14.1	19.7	16.9	21.9	23.8	-6.5		
↗	2021	JAN	JAN	4.5	2.6	-6.5	14.3	-15.0	23.8	4.3	-6.3	11.1	0.5	116.4
		FEB	FEB	14.3	-0.6	-7.6	45.5	3.7	31.7	12.2	9.2	18.8	12.6	64.0
		MAC	MAR	18.3	-0.5	-11.7	25.7	-29.2	23.0	16.2	11.8	32.7	34.0	411.9
		APR	APR	21.1	22.5	39.7	31.2	58.7	13.8	26.7	22.4	-0.9	68.7	749.6
		MEI	MAY	42.9	13.2	35.0	76.2	47.3	95.7	50.0	54.2	33.5	46.2	402.2
		JUN	JUN	25.8	16.7	35.6	46.0	23.4	65.2	45.9	24.4	21.8	12.3	-24.1
		JUL	JUL	17.4	21.0	-1.1	82.0	6.3	19.0	31.5	-2.6	15.5	8.9	-24.9
		OGOS	AUG	5.8	2.6	-6.1	0.7	-24.6	37.5	27.6	6.7	13.4	-0.9	-37.9
		SEP	SEP	18.7	19.2	-18.6	22.0	20.9	-2.7	29.3	-0.9	21.6	4.3	50.1
		OKT	OCT	18.7	12.4	-32.6	13.6	-5.3	28.9	27.3	1.2	26.8	5.8	118.3
		NOV	NOV	27.2	17.6	-15.5	24.9	16.5	5.6	38.7	19.1	34.6	18.6	-11.7
		DIS	DEC	14.2	20.6	7.5	1.3	-7.2	-57.2	23.5	17.0	25.0	13.2	-11.8
2022	JAN	JAN	18.3	38.4	28.6	1.1	-6.2	-44.2	38.6	20.7	26.8	21.9	-38.0	
	FEB	FEB	10.1	8.1	7.1	-11.7	-15.3	25.6	28.2	8.2	19.5	13.7	-40.8	
	MAC	MAR	19.2	13.5	64.9	-2.4	42.4	-2.2	22.7	17.8	24.8	27.2	-72.9	
	APR	APR	10.3	1.7	6.9	22.0	-22.4	-3.9	25.7	14.8	22.6	7.8	-47.2	
	MEI	MAY	21.7	27.4	7.0	-8.8	11.4	-23.8	18.0	13.6	34.1	14.1	77.3	
	JUN	JUN	30.8	10.2	12.3	-5.5	32.1	-39.9	25.3	34.4	34.2	29.0	182.1	
	JUL	JUL	25.6	13.9	68.9	-40.4	26.4	-1.7	29.0	33.6	26.3	32.9	237.5	
	OGOS	AUG	52.5	36.8	66.2	11.6	150.2	2.4	32.7	31.1	37.3	52.9	90.9	
	SEP	SEP	20.4	11.2	58.0	-16.2	28.3	18.0	17.2	24.7	21.6	22.4	10.0	
	OKT	OCT	17.1	20.2	72.1	-19.9	40.0	-40.7	10.9	6.6	16.8	21.1	-30.4	
	NOV	NOV	5.8	12.5	47.0	-11.7	0.0	-34.2	0.4	3.7	8.7	26.2	1.7	
	DIS	DEC	5.3	0.6	21.6	-24.3	47.4	3.4	-2.6	-0.7	-1.2	18.8	-22.5	
2023	JAN ^p	JAN ^p	-2.6	-11.0	15.9	-30.0	32.7	8.4	-11.0	-6.7	-6.1	2.4	-31.3	

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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 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
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
18	JAN	JAN	101.1	108.6	127.1	76.2	112.3	83.9	142.8	94.5	96.8
	FEB	FEB	101.5	108.7	127.3	76.5	109.4	85.7	143.2	94.6	96.9
	MAC	MAR	102.8	108.7	127.5	75.4	113.2	84.6	144.0	94.8	97.3
	APR	APR	103.7	108.5	127.9	74.5	115.2	86.6	144.5	95.0	97.7
	MEI	MAY	103.5	108.6	128.1	75.0	108.9	87.3	144.8	94.6	98.2
	JUN	JUN	105.0	108.5	127.9	74.6	115.1	86.5	145.1	94.7	98.9
	JUL	JUL	105.0	108.5	127.8	75.3	113.6	85.1	144.9	94.7	99.3
	OGOS	AUG	105.6	108.5	128.5	75.8	111.6	84.9	146.3	95.3	100.1
	SEP	SEP	105.9	108.6	129.1	75.9	111.5	85.6	147.3	95.0	100.1
	OKT	OCT	106.7	108.6	129.9	76.0	113.1	87.2	148.6	95.1	99.9
	NOV	NOV	107.0	108.6	130.6	76.3	114.1	79.9	149.5	94.8	99.9
	DIS	DEC	107.1	108.7	131.3	76.9	113.5	77.2	150.1	94.9	100.2
2022	JAN	JAN	109.1	108.8	131.1	77.1	121.4	73.0	151.5	95.6	101.9
	FEB	FEB	109.9	109.1	131.2	77.1	120.4	73.7	152.0	96.2	102.4
	MAC	MAR	112.4	108.9	131.2	77.5	124.6	76.0	153.2	96.7	102.7
	APR	APR	110.9	108.9	131.7	77.3	109.5	77.2	154.6	97.6	103.0
	MEI	MAY	112.1	109.4	131.5	77.1	108.2	73.3	156.8	97.9	103.6
	JUN	JUN	110.7	109.9	131.7	76.8	100.5	76.3	157.0	97.7	103.8
	JUL	JUL	112.2	110.2	133.0	77.1	105.6	78.4	157.8	97.7	104.0
	OGOS	AUG	111.9	110.9	132.6	77.0	115.6	66.7	157.9	97.2	104.0
	SEP	SEP	113.0	111.0	134.1	77.1	124.3	60.7	158.5	97.3	104.2
	OKT	OCT	112.4	111.3	134.4	76.6	124.0	58.1	158.7	97.7	104.5
	NOV	NOV	111.6	111.8	134.8	75.9	120.0	54.3	159.0	98.0	105.8
	DIS	DEC	111.6	111.8	136.2	76.3	117.9	59.2	159.3	97.5	107.6
2023	JAN ^p	JAN ^p	111.5	111.6	136.9	76.8	119.1	59.1	159.4	97.9	106.9
											114.3
											160.2

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JADUAL 5B : PERATUS PERUBAHAN BULAN KE BULAN TERMA PERDAGANGAN (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)

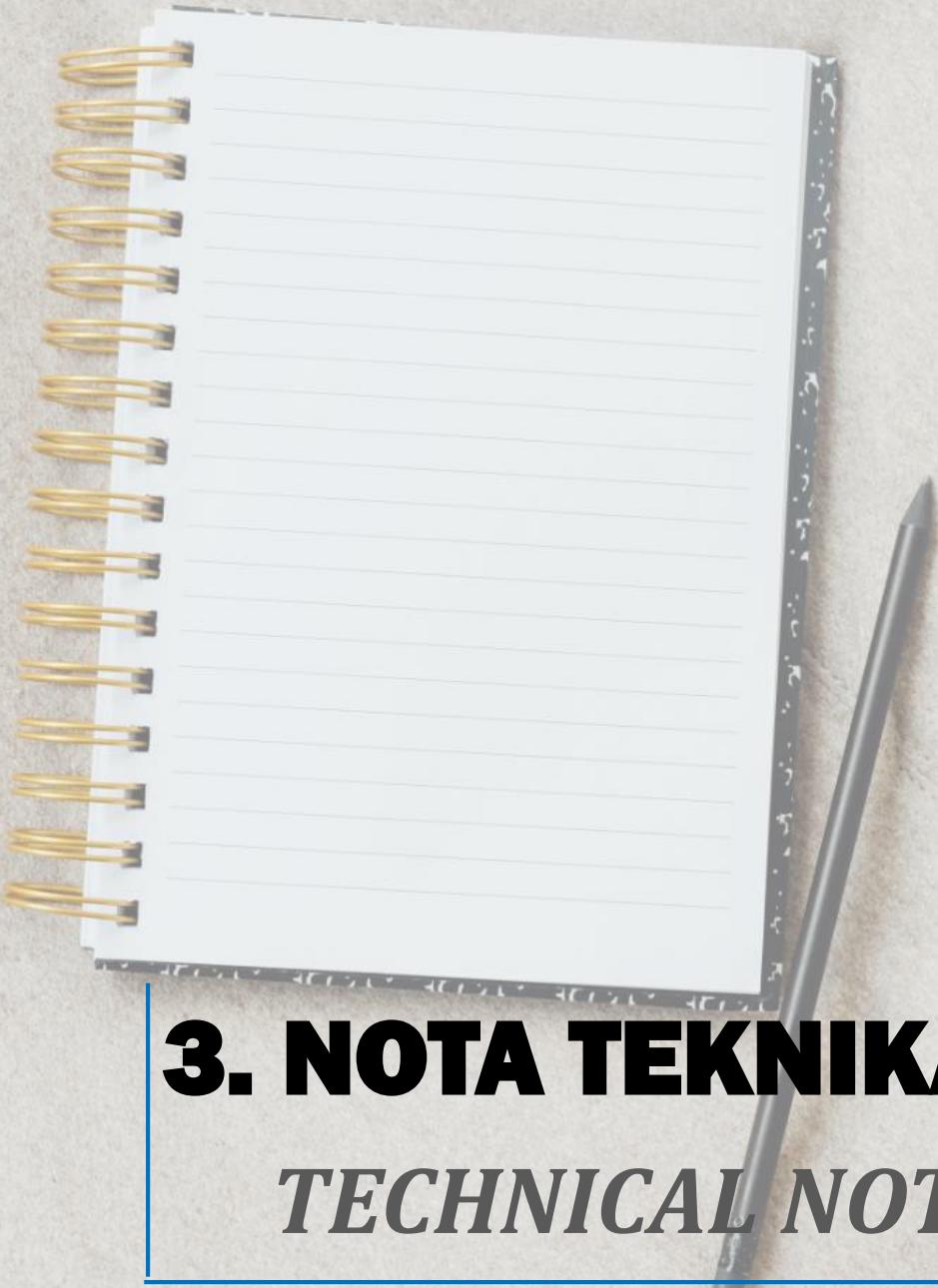
TABLE 5B: MONTH-ON-MONTH PERCENTAGE CHANGE OF TERMS OF TRADE (2010=100) BY COMMODITY SECTION (S.I.T.C.)

TEMPOH PERIOD	JUMLAH TOTAL	0	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	JAN	0.9	0.2	0.3	0.4	0.8	2.1	0.3	0.1	0.1	0.2	-2.1	
	FEB	0.4	0.2	0.1	0.5	-2.6	2.2	0.3	0.0	0.1	0.1	4.7	
	MAC	1.2	-0.1	0.2	-1.5	3.5	-1.3	0.6	0.2	0.4	0.3	8.0	
	APR	0.9	-0.2	0.3	-1.2	1.8	2.4	0.4	0.1	0.4	0.6	-1.5	
	MEI	MAY	-0.2	0.1	0.1	0.7	-5.4	0.7	0.2	-0.4	0.5	0.2	
	JUN	JUN	1.4	-0.1	-0.1	-0.5	5.6	-0.8	0.2	0.1	-0.2	2.4	
	JUL	JUL	0.0	0.0	-0.1	0.9	-1.3	-1.7	-0.1	0.1	0.4	-0.1	
	OGOS	AUG	0.6	0.0	0.5	0.7	-1.8	-0.1	0.9	0.6	0.8	0.1	
	SEP	SEP	0.3	0.1	0.4	0.1	-0.1	0.8	0.7	-0.3	0.0	-0.2	
	OKT	OCT	0.8	0.0	0.7	0.1	1.4	1.9	0.9	0.1	-0.2	4.6	
	NOV	NOV	0.3	0.0	0.5	0.4	0.9	-8.4	0.6	-0.3	0.0	1.1	
	DIS	DEC	0.0	0.1	0.5	0.8	-0.6	-3.4	0.4	0.1	0.3	8.7	
2022	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	0.8	0.3	0.0	-0.1	-0.9	1.0	0.3	0.5	0.6	-0.2	4.3
	MAC	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	-1.3	0.0	0.3	-0.4	-12.1	1.6	0.9	0.9	0.3	0.0	-3.1
	MEI	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	-1.3	0.4	0.1	-0.4	-7.1	4.1	0.1	-0.2	0.2	-0.2	11.3
	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	-0.2	0.6	-0.3	-0.1	9.5	-14.8	0.1	-0.5	-0.1	-0.1	15.2
	SEP	SEP	1.0	0.0	1.2	0.1	7.6	-9.0	0.4	0.1	0.2	-0.1	-0.8
	OKT	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	-0.7	0.5	0.3	-0.9	-3.2	-6.5	0.2	0.4	1.3	0.1	-9.3
	DIS	DEC	0.0	-0.1	1.0	0.6	-1.8	9.0	0.2	-0.5	1.6	-0.7	16.4
2023	JAN ^p	JAN ^p	-0.1	-0.1	0.5	0.6	1.1	-0.1	0.1	0.4	-0.6	0.1	-21.0

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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	0.2	4.4	-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	JAN	JAN	1.3	1.9	1.2	-4.6	5.4	0.3	2.1	0.2	2.6
	FEB	FEB	1.4	2.3	1.3	-3.3	-0.1	0.8	2.2	0.2	2.7
	MAC	MAR	2.9	2.3	1.2	-4.0	2.6	1.0	2.7	-0.1	2.8
	APR	APR	4.3	2.6	1.4	-5.3	0.7	1.8	3.2	0.1	2.9
	MEI	MAY	6.6	2.6	1.6	-5.2	4.8	3.3	3.5	0.3	3.5
	JUN	JUN	7.4	1.9	1.6	-5.6	6.6	3.8	3.1	0.6	3.0
	JUL	JUL	8.4	1.3	1.4	-3.9	20.2	2.7	3.5	0.4	2.8
	OGOS	AUG	9.2	0.7	1.7	-3.1	22.9	-2.8	3.4	1.1	3.7
	SEP	SEP	7.9	0.7	2.0	-2.1	10.7	-1.9	4.0	1.0	3.7
	OKT	OCT	8.3	0.6	2.5	-2.1	10.9	-1.3	5.0	1.0	3.1
	NOV	NOV	7.5	0.4	3.0	-0.4	1.0	-2.6	5.6	0.5	3.2
	DIS	DEC	6.9	0.3	3.6	1.3	1.8	-6.0	5.4	0.5	3.6
2022	JAN	JAN	7.9	0.2	3.2	1.2	8.2	-13.0	6.1	1.2	5.2
	FEB	FEB	8.3	0.3	3.1	0.7	10.0	-14.0	6.2	1.7	5.7
	MAC	MAR	9.4	0.2	2.9	2.8	10.1	-10.2	6.4	2.0	5.5
	APR	APR	7.0	0.4	2.9	3.7	-5.0	-10.9	7.0	2.8	5.4
	MEI	MAY	8.3	0.7	2.7	2.9	-0.7	-16.0	8.3	3.5	5.5
	JUN	JUN	5.5	1.3	2.9	2.9	-12.6	-11.9	8.2	3.2	4.9
	JUL	JUL	6.8	1.6	4.0	2.4	-7.1	-7.8	8.9	3.2	4.8
	OGOS	AUG	6.0	2.3	3.2	1.6	3.6	-21.4	7.9	2.1	3.8
	SEP	SEP	6.8	2.2	3.9	1.6	11.5	-29.1	7.7	2.4	4.0
	OKT	OCT	5.3	2.5	3.4	0.7	9.6	-33.4	6.8	2.7	4.6
	NOV	NOV	4.3	2.9	3.2	-0.5	5.1	-32.1	6.3	3.4	5.9
	DIS	DEC	4.2	2.8	3.7	-0.8	3.9	-23.4	6.1	2.7	7.3
2023	JAN ^p	JAN ^p	2.2	2.6	4.4	-0.5	-1.9	-19.0	5.2	2.4	5.0
										-2.0	58.9



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 2021 telah digunakan bermula penerbitan Jun 2022 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 2021 has been used starting from the June 2022 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

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