



JABATAN PERDANA MENTERI
JABATAN PERANGKAAN MALAYSIA

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INDEKS PERDAGANGAN LUAR NEGERI

EXTERNAL TRADE INDICES
[2010=100]

OGOS 2022
AUGUST

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA



JABATAN PERDANA MENTERI
JABATAN PERANGKAAN MALAYSIA

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

**OGOS 2022
AUGUST 2022**

Pemakluman

Jabatan Perangkaan Malaysia (DOSM) sedang menjalankan Survei Pendapatan, Perbelanjaan Isi Rumah dan Kemudahan Asas (HIES/BA) 2022 bermula dari 1 Januari 2022 sehingga 31 Disember 2022 dan Survei Ekonomi Tahunan (AES) 2022 bermula dari 15 April 2022 sehingga 30 September 2022. DOSM amat menghargai kerjasama daripada responden yang terpilih untuk memberikan maklumat kepada DOSM serta menjayakan survei ini. Sila layari www.dosm.gov.my untuk maklumat lanjut.

Penerbitan statistik ekonomi dan sosial iaitu PocketStats yang mengandungi statistik suku tahunan dan tahunan boleh diperolehi dari portal DOSM atau melalui pautan https://bit.ly/PocketStatsS1_2022.

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) is conducting the Household Income, Expenditure and Basic Amenities Survey (HIES/BA) 2022 from 1st January 2022 until 31st December 2022 and the Annual Economic Survey (AES) 2022 from 15th April 2022 until 30th September 2022. DOSM greatly appreciates the cooperation given by selected respondents by sharing their information with DOSM and making the survey a success. Please visit www.dosm.gov.my for more information.

Economic and social statistics publication namely PocketStats which contain quarterly and annual statistics can be obtained from the DOSM portal or via the link https://bit.ly/PocketStatsQ1_2022.

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".

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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 barangan 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 pasaran". Bermula bulan rujukan Januari 2019, IPLN dikemaskini sekali lagi menggunakan tahun 2015 sebagai "tempoh rujukan pasaran" 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

Oktober 2022

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
October 2022



RINGKASAN

SUMMARY



JABATAN PERDANA MENTERI
JABATAN PERANGKAIAN MALAYSIA



INDEKS PERDAGANGAN LUAR NEGERI, OGOS 2022

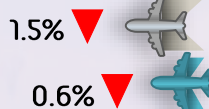
External Trade Indices, August 2022

Indeks nilai seunit eksport dan import perlahan pada Ogos 2022, masing-masing menyusut 2.2 peratus dan 1.9 peratus, berbanding bulan sebelum

Export and import unit value indices eased in August 2022, decreased by 2.2 per cent and 1.9 per cent respectively, compared to the previous month

EKSPORT Exports

Indeks Nilai Seunit
Unit Value Index ▼ 2.2%



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

Minyak Galian
Mineral Fuels

Barang-barang Keluaran Kilang
Manufactured Goods

Nilai
Value ▲ 5.4%

Jul' 22
Jul' 22
Ogos' 22^P
Aug' 22^P

RM Billion
RM Billion
134.1
141.3

Pelbagai Barang Keluaran Kilang
Miscellaneous Manufactured Articles ▲ 11.9%

Alat Jentera & Kelengkapan
Pengangkutan
Machinery & Transport Equipment ▲ 7.9%

Minyak Galian
Mineral Fuels ▲ 7.8%

Indeks Volum
Volume Index ▲ 7.7%

RM Billion
RM Billion

118.5

124.4

Jul' 22
Jul' 22

Ogos' 22^P
Aug' 22^P

5.0% ▲ Nilai
Value

IMPORT Imports

1.9% ▼ Indeks Nilai Seunit
Unit Value Index



▲ 27.3%
Minyak Galian
Mineral Fuels

▲ 9.4%
Pelbagai Barang Keluaran Kilang
Miscellaneous Manufactured Articles

▲ 2.4%
Alat Jentera & Kelengkapan
Pengangkutan
Machinery & Transport Equipment

Minyak Galian
Mineral Fuels

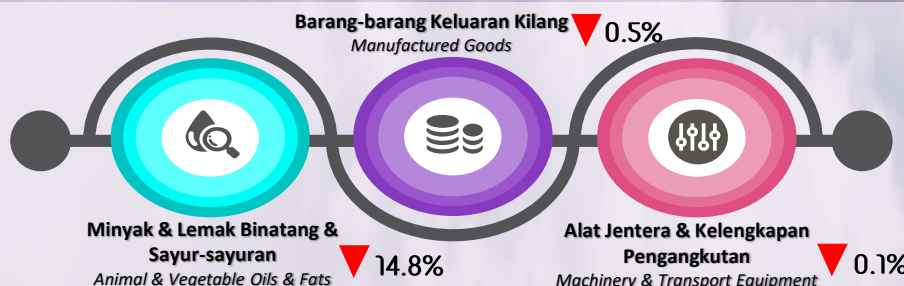
Minyak & Lemak Binatang & Sayur-sayuran
Animals & Vegetable Oils & Fats

Bahan Kimia
Chemicals

Indeks Volum
Volume Index
7.1% ▲

TERMA PERDAGANGAN Terms of Trade

▼ 0.2%



PRESTASI PERDAGANGAN MALAYSIA

Jumlah perdagangan Malaysia terus mencatatkan pertumbuhan ketara pada Ogos 2022, meningkat 56.7 peratus kepada RM265.7 bilion berbanding RM169.6 bilion pada tahun sebelumnya. Eksport berkembang 48.2 peratus kepada RM141.3 bilion pada Ogos 2022. Import bernilai RM124.4 bilion meningkat 67.6 peratus, tahun ke tahun. Imbangan perdagangan terus mencatat lebihan, dengan nilai RM16.9 bilion, walau bagaimanapun, merosot 19.9 peratus tahun ke tahun.

Berbanding Julai 2022, jumlah dagangan, eksport, import dan imbangan dagangan masing-masing meningkat 5.2 peratus, 5.4 peratus, 5.0 peratus dan 8.6 peratus.

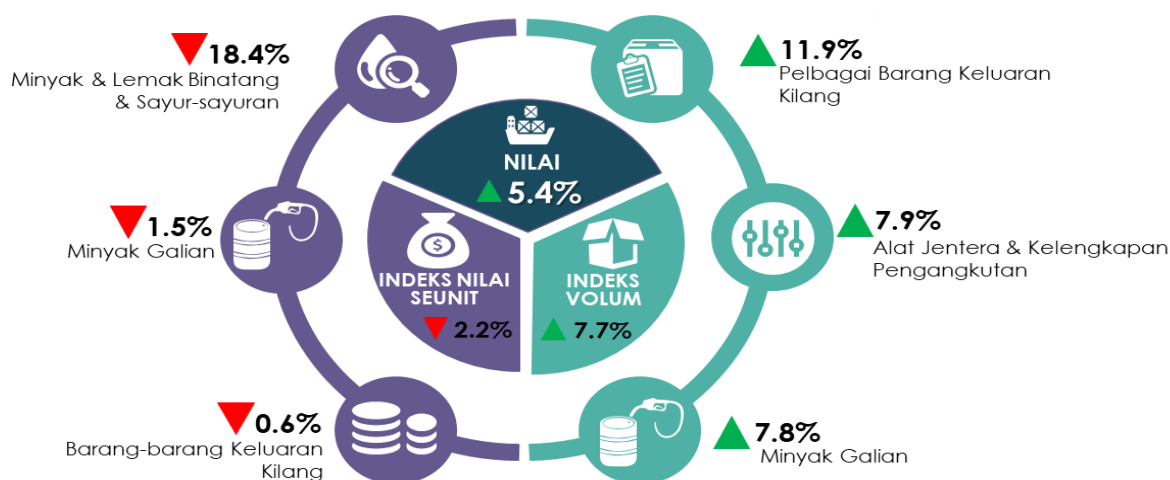
Bagi tempoh Januari hingga Ogos 2022, jumlah dagangan meningkat 33.1 peratus, disokong oleh peningkatan eksport (+30.3%) begitu juga import (+36.7%), manakala lebihan dagangan meningkat 3.7 peratus.

PERBANDINGAN BULAN KE BULAN

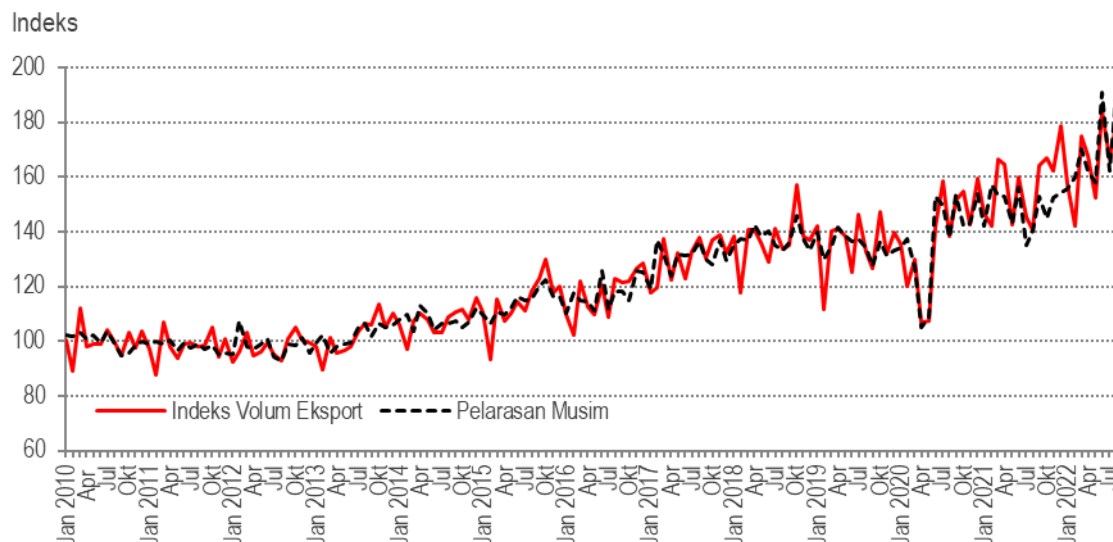
EKSPORT

Perbandingan bulan ke bulan menunjukkan **indeks nilai seunit eksport** menurun 2.2 peratus pada Ogos 2022. Penurunan ini disumbangkan oleh kejatuhan indeks minyak & lemak binatang & sayur-sayuran (-18.4%), minyak galian (-1.5%) dan barang-barang keluaran kilang (-0.6%).

Sementara itu, **indeks volum eksport** pula meningkat 7.7 peratus pada Ogos 2022, disumbangkan oleh kenaikan indeks pelbagai barang keluaran kilang (+11.9%), alat jentera & kelengkapan pengangkutan (+7.9%) dan minyak galian (+7.8%). **Indeks volum eksport** pelarasan bermusim turut meningkat 16.5 peratus daripada 162.1 mata kepada 188.8 mata (Carta 1).



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

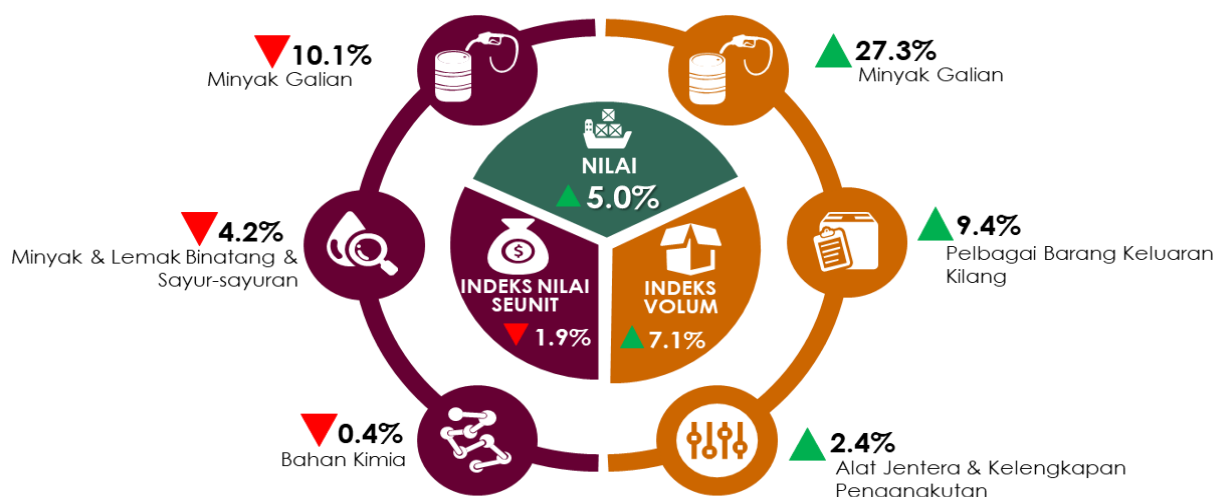


Carta 1: Indeks Volum Eksport - Asal & Pelarasan Musim

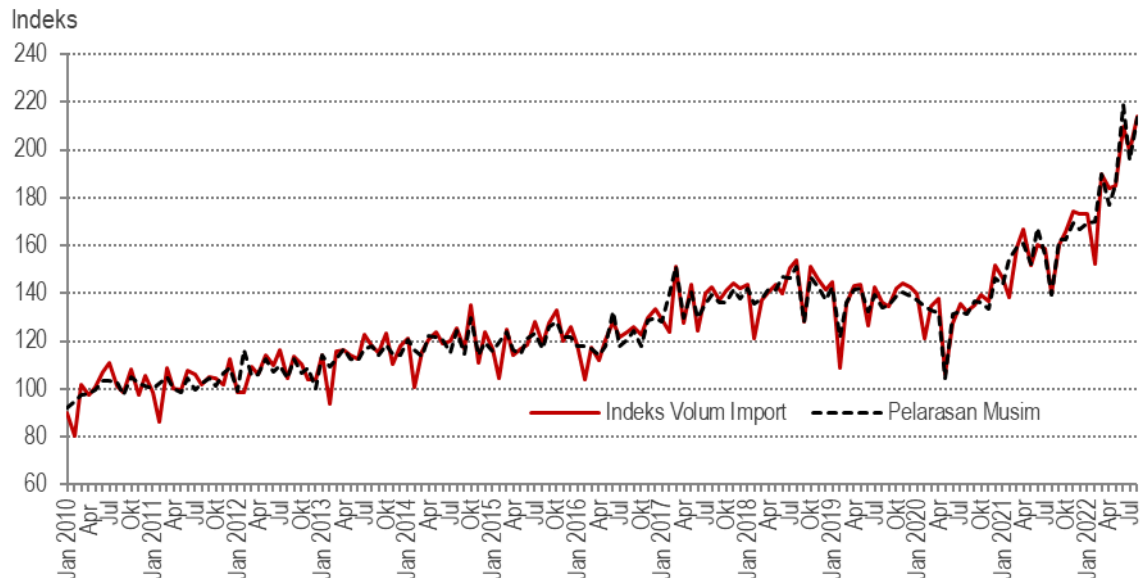
IMPORT

Indeks nilai seunit import menunjukkan prestasi negatif dengan penurunan 1.9 peratus pada Ogos 2022. Trend penurunan ini disumbangkan oleh kejatuhan indeks minyak galian (-10.1%), minyak & lemak binatang & sayur-sayuran (-4.2%) dan bahan kimia (-0.4%).

Manakala, **indeks volum import** pula meningkat 7.1 peratus pada Ogos 2022 berbanding bulan sebelum. Peningkatan ini disumbangkan oleh kenaikan indeks minyak galian (+27.3%), pelbagai barang keluaran kilang (+9.4%) dan alat jentera & kelengkapan pengangkutan (+2.4%). **Indeks volum import** pelarasan bermusim pada Ogos 2022 turut meningkat 9.1 peratus daripada 195.8 mata kepada 213.7 mata (Carta 2).



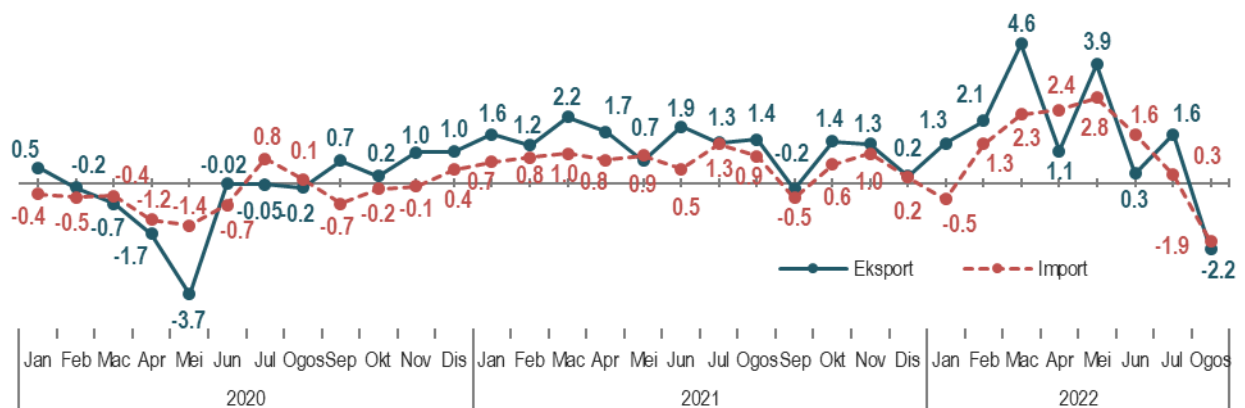
Paparan 2: Prestasi Nilai Import, Indeks Nilai Seunit dan Indeks Volum serta Penyumbang Utama Indeks Nilai Seunit dan Indeks Volum Import



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** menunjukkan prestasi negatif pada Ogos 2022. **Indeks nilai seunit eksport** dan **import** mencatatkan prestasi negatif setelah masing-masing mengekalkan pertumbuhan positif bagi sepuluh bulan berturut-turut sejak Oktober 2021 dan enam bulan berturut-turut sejak bulan Februari 2022.



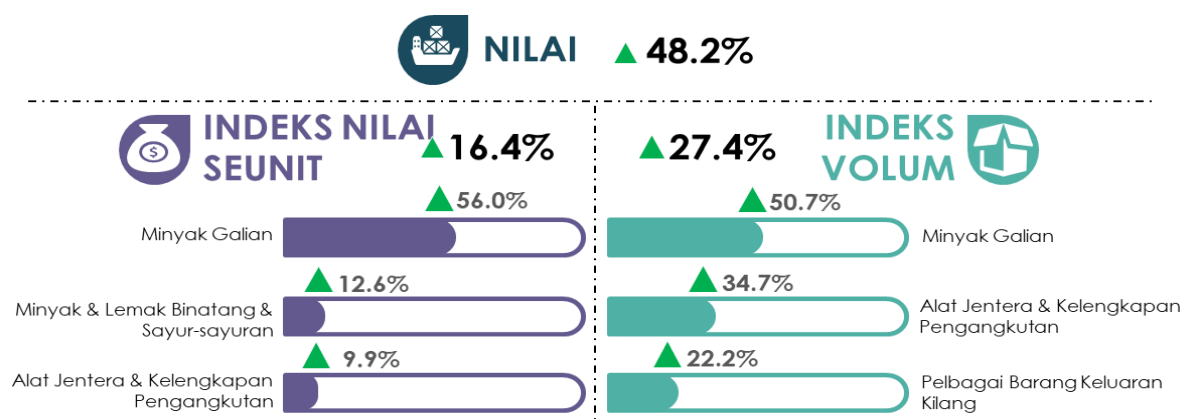
Carta 3: Peratus Perubahan Bulan ke Bulan bagi Indeks Nilai Seunit Eksport & Import Januari 2020 – Ogos 2022

PERBANDINGAN TAHUN KE TAHUN

EKSPORT

Indeks nilai seunit eksport terus berkembang pada Ogos 2022, dengan peningkatan 16.4 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 (+56.0%), minyak & lemak binatang & sayur-sayuran (+12.6%) dan alat jentera & kelengkapan pengangkutan (+9.9%).

Di samping itu, **indeks volum eksport** turut meningkat 27.4 peratus pada Ogos 2022. Peningkatan ini disumbangkan oleh pertumbuhan indeks minyak galian (+50.7%), alat jentera & kelengkapan pengangkutan (+34.7%) dan pelbagai barang keluaran kilang (+22.2%).



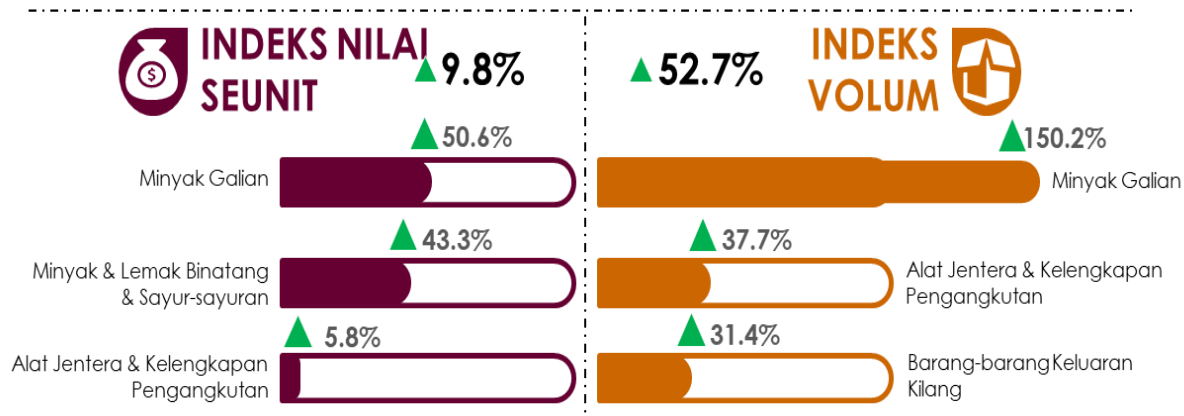
Paparan 3: Prestasi Nilai Eksport, Indeks Nilai Seunit dan Indeks Volum serta Penyumbang Utama Indeks Nilai Seunit dan Indeks Volum Eksport

IMPORT

Indeks volum import meningkat 52.7 peratus pada Ogos 2022 berbanding bulan yang sama tahun lalu mencapai 213.8 mata, selari dengan pertumbuhan nilai import. Pertumbuhan **indeks volum import** didorong oleh kenaikan indeks minyak galian (+150.2%), alat jentera & kelengkapan pengangkutan (+37.7%) dan barang-barang keluaran kilang (+31.4%).

Selain itu, **indeks nilai seunit import** turut berkembang 9.8 peratus kepada 132.4 mata pada Ogos 2022 berbanding bulan yang sama tahun sebelumnya. Peningkatan ini disumbangkan oleh kenaikan indeks minyak galian (+50.6%), minyak & lemak binatang & sayur-sayuran (+43.3%) dan alat jentera & kelengkapan pengangkutan (+5.8%).

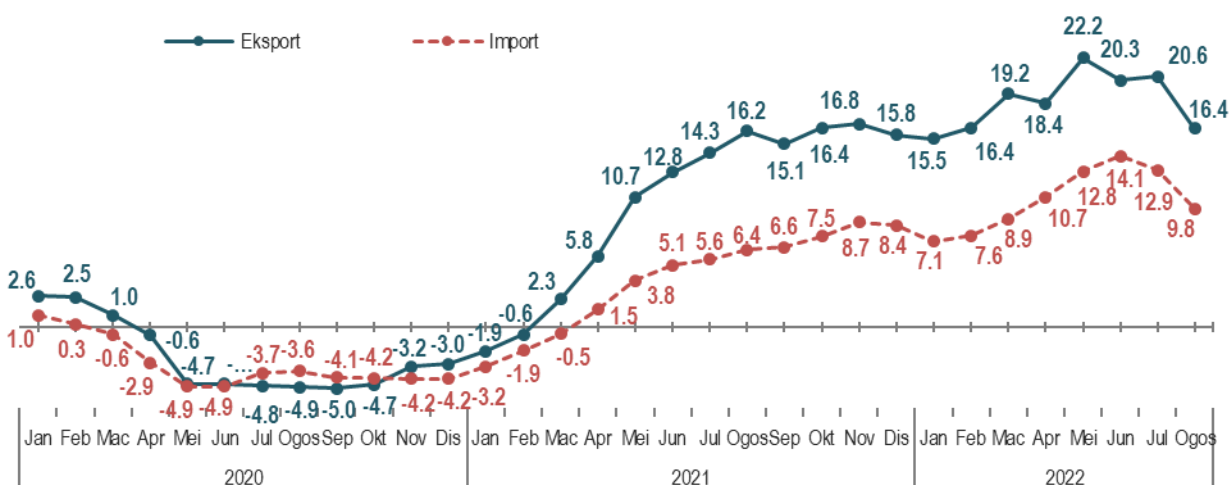
NILAI ▲ 67.6%



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

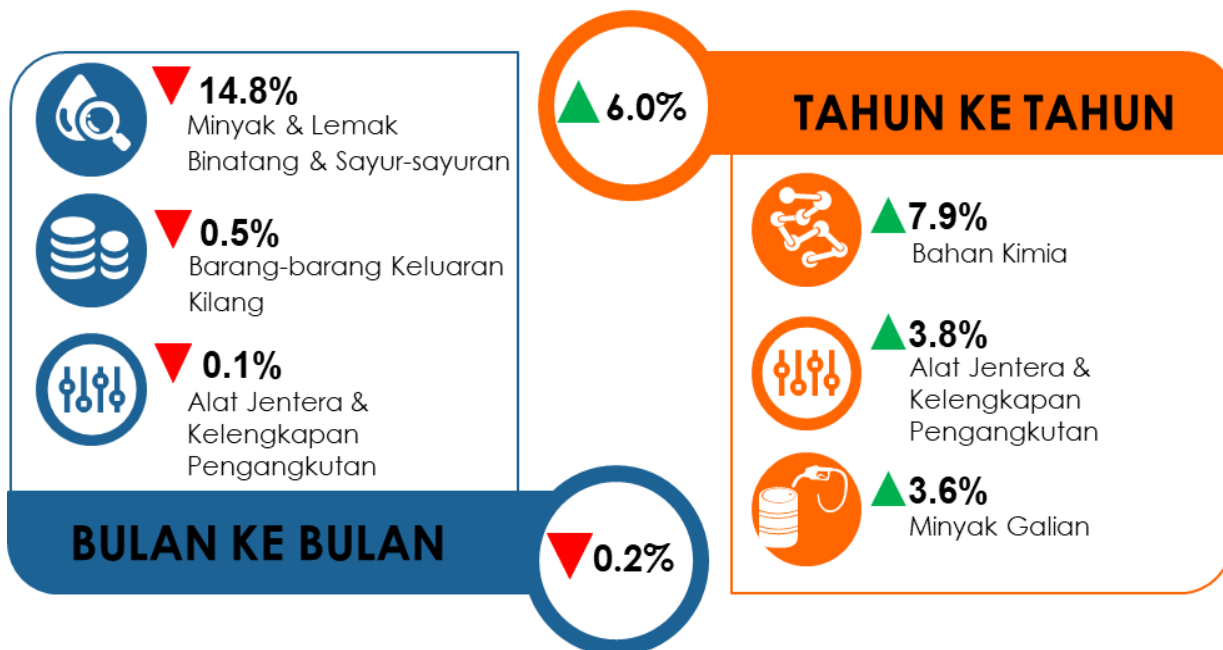
Kedua-dua **indeks nilai seunit eksport** dan **import** meningkat tahun ke tahun pada Ogos 2022. **Indeks nilai seunit eksport** dan **import** kekal dalam trend menaik masing-masing sejak Mac dan April 2021, berbanding penurunan yang direkodkan pada kebanyakan bulan pada 2020.



Carta 4: Peratus Perubahan Tahun ke Tahun bagi Indeks Nilai Seunit Eksport & Import Januari 2020 – Ogos 2022

TERMA PERDAGANGAN

Terma perdagangan Malaysia menunjukkan prestasi negatif dengan penurunan 0.2 peratus kepada 111.9 mata pada Ogos 2022. Penurunan ini didorong oleh kejatuhan indeks minyak & lemak binatang & sayur-sayuran (-14.8%), barang-barang keluaran kilang (-0.5%) dan alat jentera & kelengkapan pengangkutan (-0.1%).

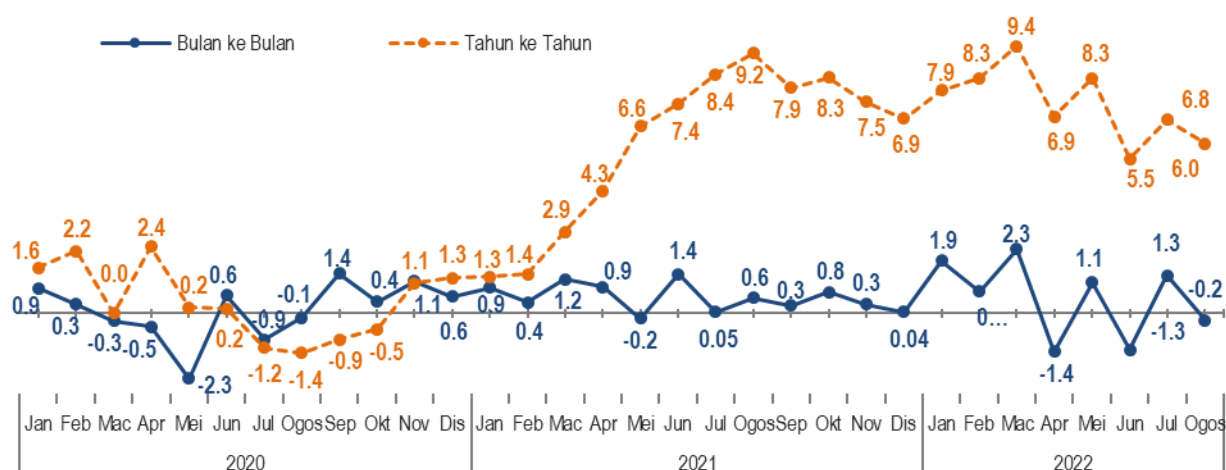


Paparan 5: Penyumbang Utama Terma Perdagangan Mengikut Bulan ke Bulan dan Tahun ke Tahun

Berasaskan tahun ke tahun, prestasi **terma perdagangan** Malaysia kekal positif dengan kenaikan 6.0 peratus daripada 105.6 mata pada Ogos tahun lalu. Peningkatan ini disumbangkan oleh kenaikan indeks bahan kimia (+7.9%), diikuti oleh alat jentera & kelengkapan pengangkutan (+3.8%) dan minyak galian (+3.6%).

SIRI MASA TERMA PERDAGANGAN

Pertumbuhan **terma perdagangan** Malaysia pada Ogos 2022 kekal menunjukkan pertumbuhan positif sejak November 2020, berasaskan prestasi tahun ke tahun. Prestasi bulan ke bulan **terma perdagangan** kembali menunjukkan pertumbuhan negatif pada Ogos 2022. Di sebalik prestasi bulanan yang tidak menentu, **terma perdagangan** kekal pada paras melebihi 100.0 mata sejak Disember 2020.



Carta 5: Terma Perdagangan, Januari 2020 – Ogos 2022

MALAYSIA'S TRADE PERFORMANCE

Malaysia's total trade continued to record substantial growth in August 2022, increased by 56.7 per cent to reach RM265.7 billion as compared to RM169.6 billion in the preceding year. Exports expanded by 48.2 per cent to RM141.3 billion in August 2022. Imports amounted to RM124.4 billion rose by 67.6 per cent year-on-year (y-o-y). Trade balance continued to record a surplus, with a value of RM16.9 billion, however, declined by 19.9 per cent y-o-y.

Comparing to July 2022, total trade, exports, imports and trade balance increased by 5.2 per cent, 5.4 per cent, 5.0 per cent and 8.6 per cent, respectively.

For the period of January to August 2022, total trade grew by 33.1 per cent, supported by the expansion in exports (+30.3%) as well as imports (+36.7%) while trade surplus grew by 3.7 per cent.

MONTH-ON-MONTH COMPARISON

EXPORTS

Month-on-month (m-o-m) comparison showed that **export unit value index** fell 2.2 per cent in August 2022. The drop was contributed by the decreases in the index of animal & vegetable oils & fats (-18.4%), mineral fuels (-1.5%) and manufactured goods (-0.6%).

On the other hand, the **export volume index** increased 7.7 per cent in August 2022, which was supported by the rises in the index of miscellaneous manufactured articles (+11.9%), machinery & transport equipment (+7.9%) and mineral fuels (+7.8%). The seasonally adjusted **export volume index** also rose 16.5 per cent from 162.1 points to 188.8 points (Chart 1).

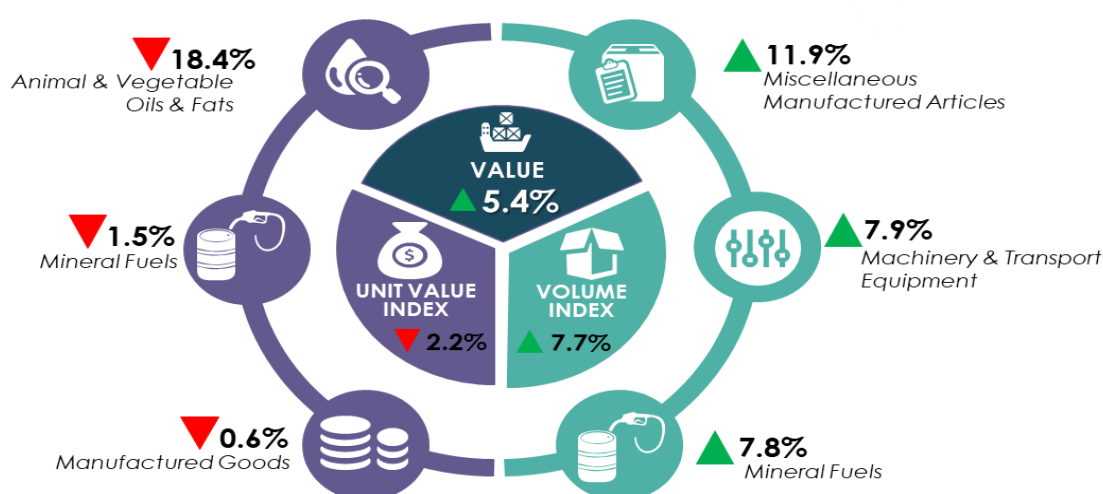


Exhibit 1: Export Value, Unit Value Index and Volume Index Performances and Main Contributors of Export Unit Value and Volume Indices

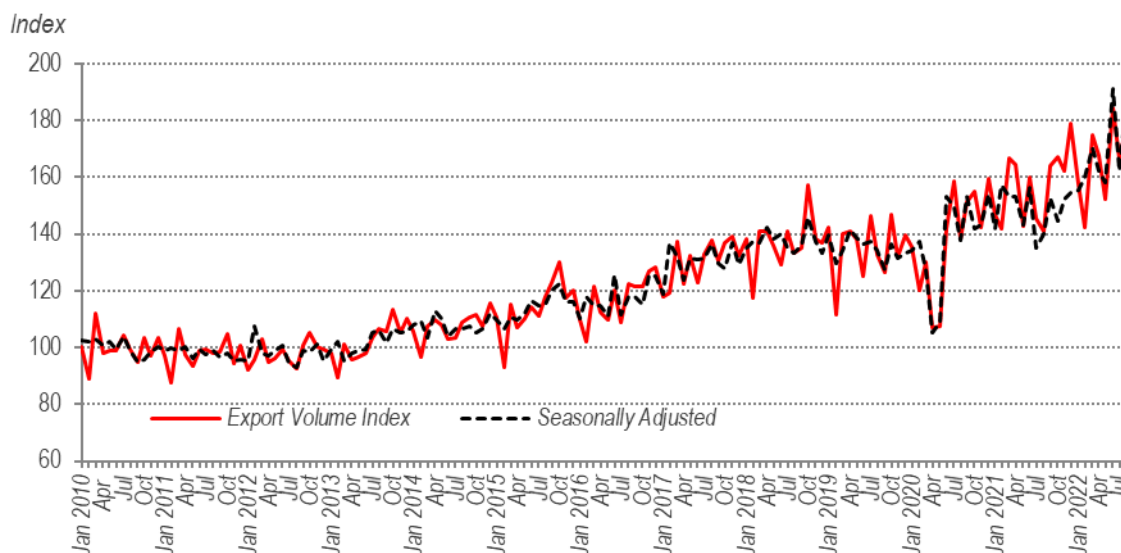


Chart 1: Export Volume Indices - Actual & Seasonally Adjusted

IMPORTS

The **import unit value index** showed a negative performance of 1.9 per cent in August 2022. The negative performance was contributed by the drops in the index of mineral fuels (-10.1%), animal & vegetable oils & fats (-4.2%) and chemicals (-0.4%).

On the contrary, the **import volume index** increased by 7.1 per cent in August 2022 as compared to the previous month. The rise was contributed by the increases in the index of mineral fuels (+27.3%), miscellaneous manufactured articles (+9.4%) and machinery & transport equipment (+2.4%). The seasonally adjusted **import volume index** in August 2022 rose 9.1 per cent from 195.8 points to 213.7 points (Chart 2).

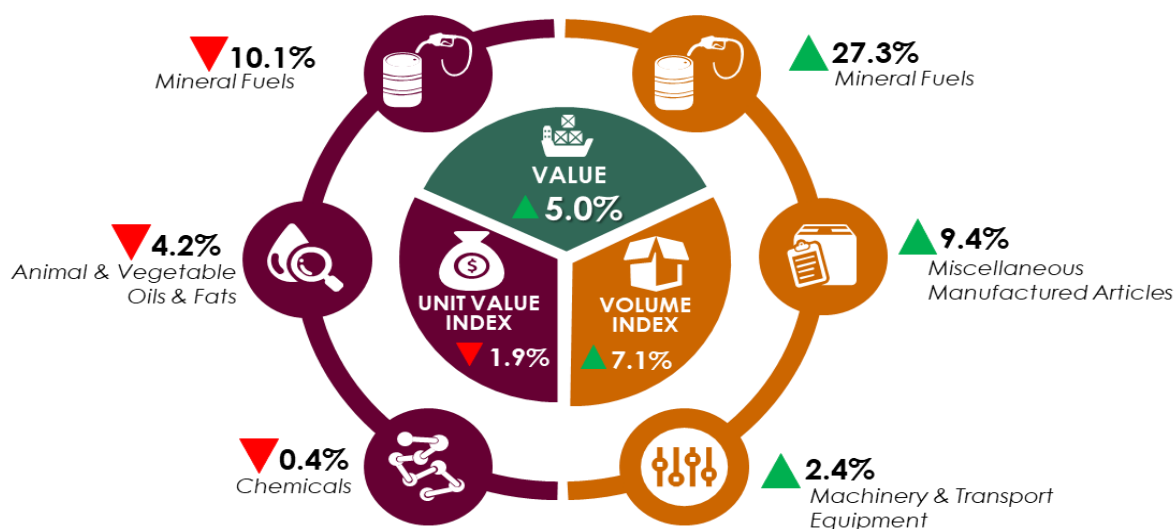


Exhibit 2: Import Value, Unit Value Index and Volume Index Performances and Main Contributors of Import Unit Value and Volume Indices

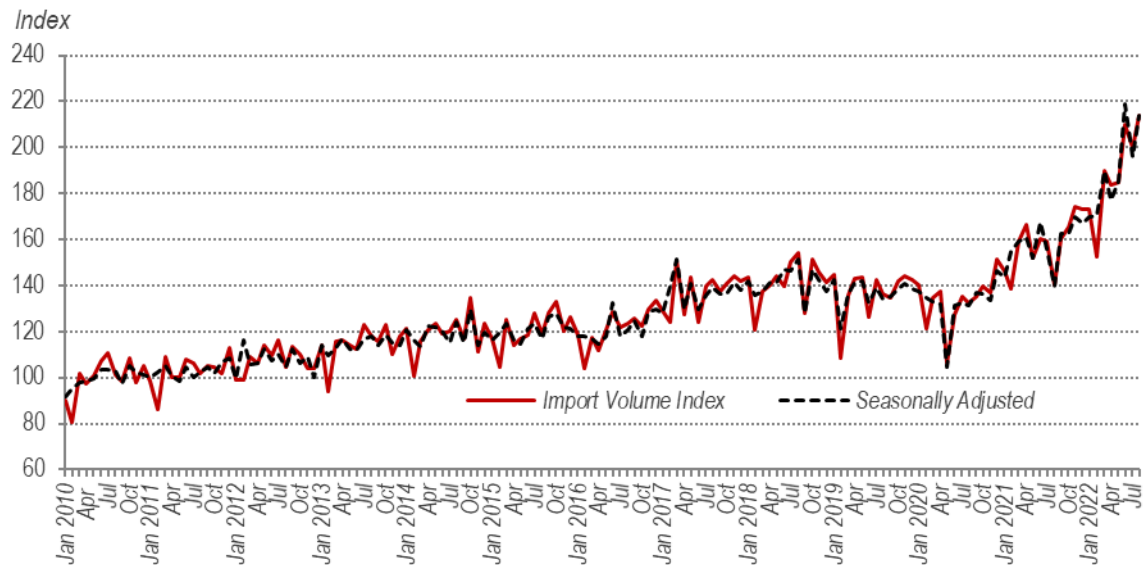
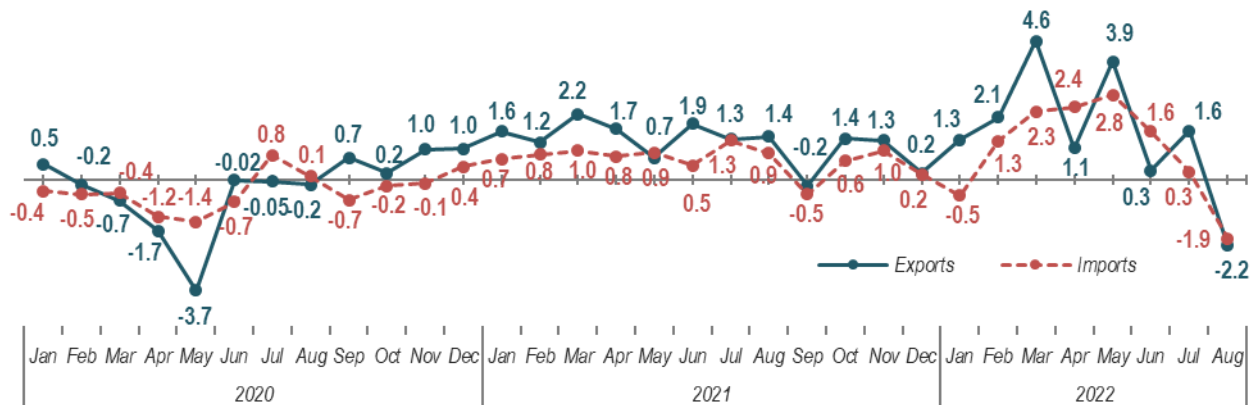


Chart 2: Import Volume Indices - Actual & Seasonally Adjusted

TIME-SERIES OF EXPORT & IMPORT UNIT VALUE INDICES

On a monthly basis, **export and import unit value indices** showed negative performance for August 2022. **Export and import unit value indices** recorded negative performance after maintaining positive trend for ten consecutive months since October 2021 and six consecutive months since February 2022, respectively.



**Chart 3: Month-on-Month Percentage Change of Export & Import Unit Value Indices
January 2020 – August 2022**

YEAR-ON-YEAR COMPARISON

EXPORTS

The **export unit value index** continued to expand in August 2022, showing a growth of 16.4 per cent y-o-y. The growth was in line with the increase of 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 (+56.0%), animal & vegetable oils & fats (+12.6%) and machinery & transport equipment (+9.9%).

Similarly, the **export volume index** grew by 27.4 per cent in August 2022. The increment was contributed by the rises in the index of mineral fuels (+50.7%), machinery & transport equipment (+34.7%) and miscellaneous manufactured articles (+22.2%).

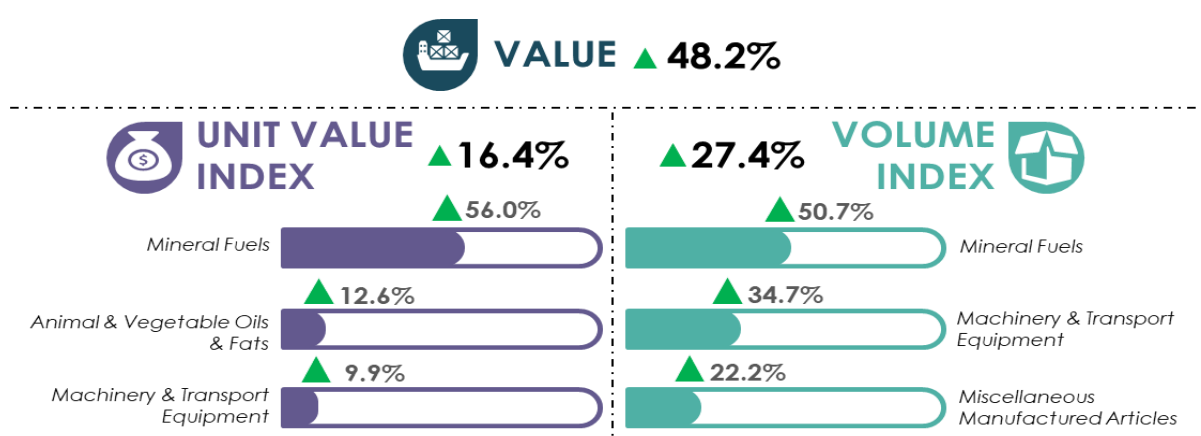


Exhibit 3: Export Value, Unit Value Index and Volume Index Performances and Main Contributors of Export Unit Value and Volume Indices

IMPORTS

The **import volume index** expanded by 52.7 per cent in August 2022 as compared to the same month of the previous year reaching 213.8 points, in accordance with the growth in the import value. The increase in the **import volume index** was attributed to the rises in the index of mineral fuels (+150.2%), machinery & transport equipment (+37.7%) and manufactured goods (+31.4%).

Likewise, the **import unit value index** also grew 9.8 per cent to 132.4 points in August 2022 as compared to the same month of the previous year. The growth was contributed by the increments in the index of mineral fuels (+50.6%), animal & vegetable oils & fats (+43.3%) and machinery & transport equipment (+5.8%).

 **VALUE ▲ 67.6%**

 **UNIT VALUE INDEX**

▲ 9.8%

▲ 50.6%

Mineral Fuels

▲ 43.3%

Animal & Vegetable Oils & Fats

▲ 5.8%

Machinery & Transport Equipment

VOLUME INDEX

▲ 52.7%

▲ 150.2%

Mineral Fuels

▲ 37.7%

Machinery & Transport Equipment

▲ 31.4%

Manufactured Goods

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 August 2022. The **export** and **import unit value indices** maintained the upward trend since March and April 2021, respectively, as compared to the downward trends in most of the months of 2020.

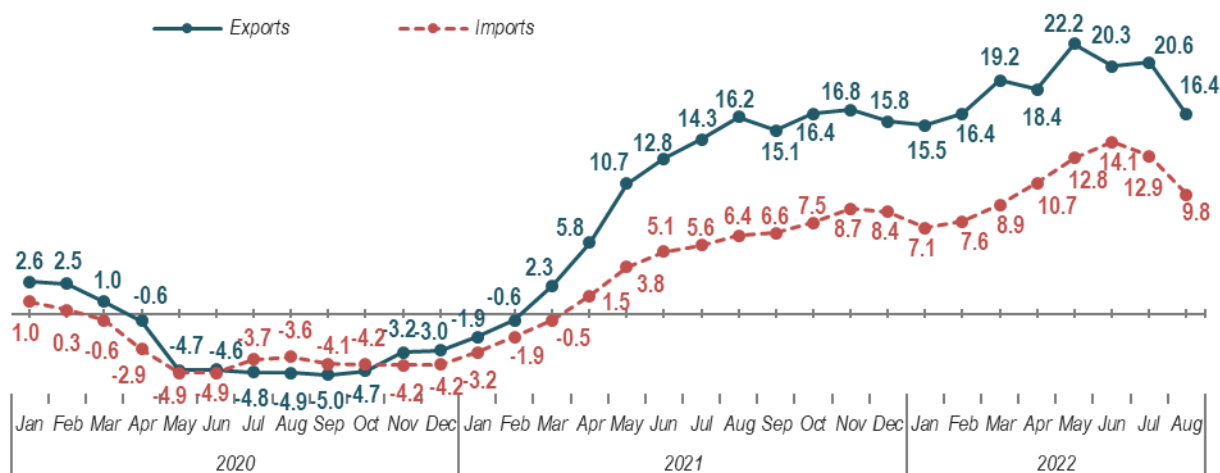


Chart 4: Year-on-Year Percentage Change of Export & Import Unit Value Indices January 2020 – August 2022

TERMS OF TRADE

Malaysia's **terms of trade** dropped 0.2 per cent to 111.9 points in August 2022. The deterioration was contributed by the decreases in the index of animal & vegetable oils & fats (-14.8%), manufactured goods (-0.5%) and machinery & transport equipment (-0.1%).

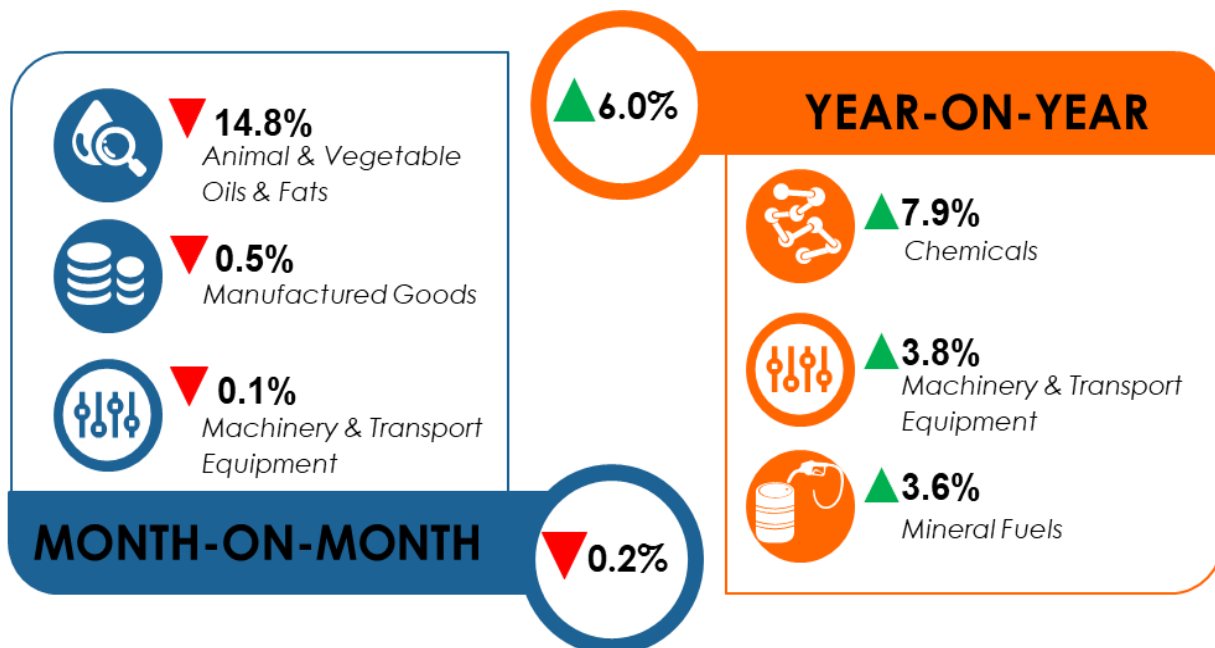


Exhibit 5: Main Contributors of Terms of Trade based Month-on-Month and Year-on-Year

On a y-o-y basis, Malaysia's **terms of trade** performance remained positive at 6.0 per cent from 105.6 points in August of previous year. This was driven by the rises in the index of chemicals (+7.9%), followed by machinery & transport equipment (+3.8%) and mineral fuels (+3.6%).

TIME-SERIES OF TERMS OF TRADE

Malaysia's growth of **terms of trade** in August 2022 sustained the positive growth since November 2020, based on y-o-y performance. On the other hand, m-o-m performance of **terms of trade** returned to a negative performance in August 2022. Despite the monthly up and down performances, **terms of trade** remained above 100 points since December 2020.

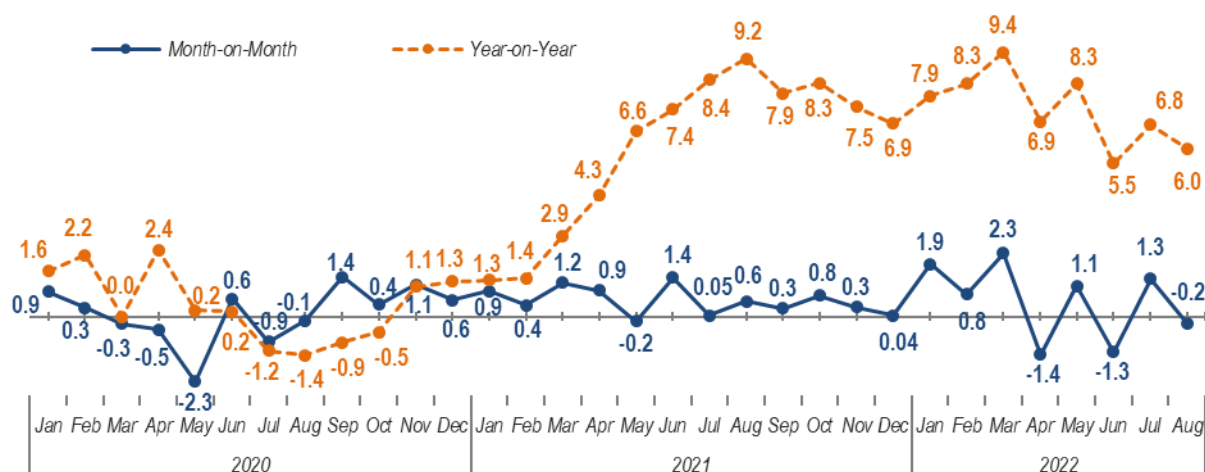
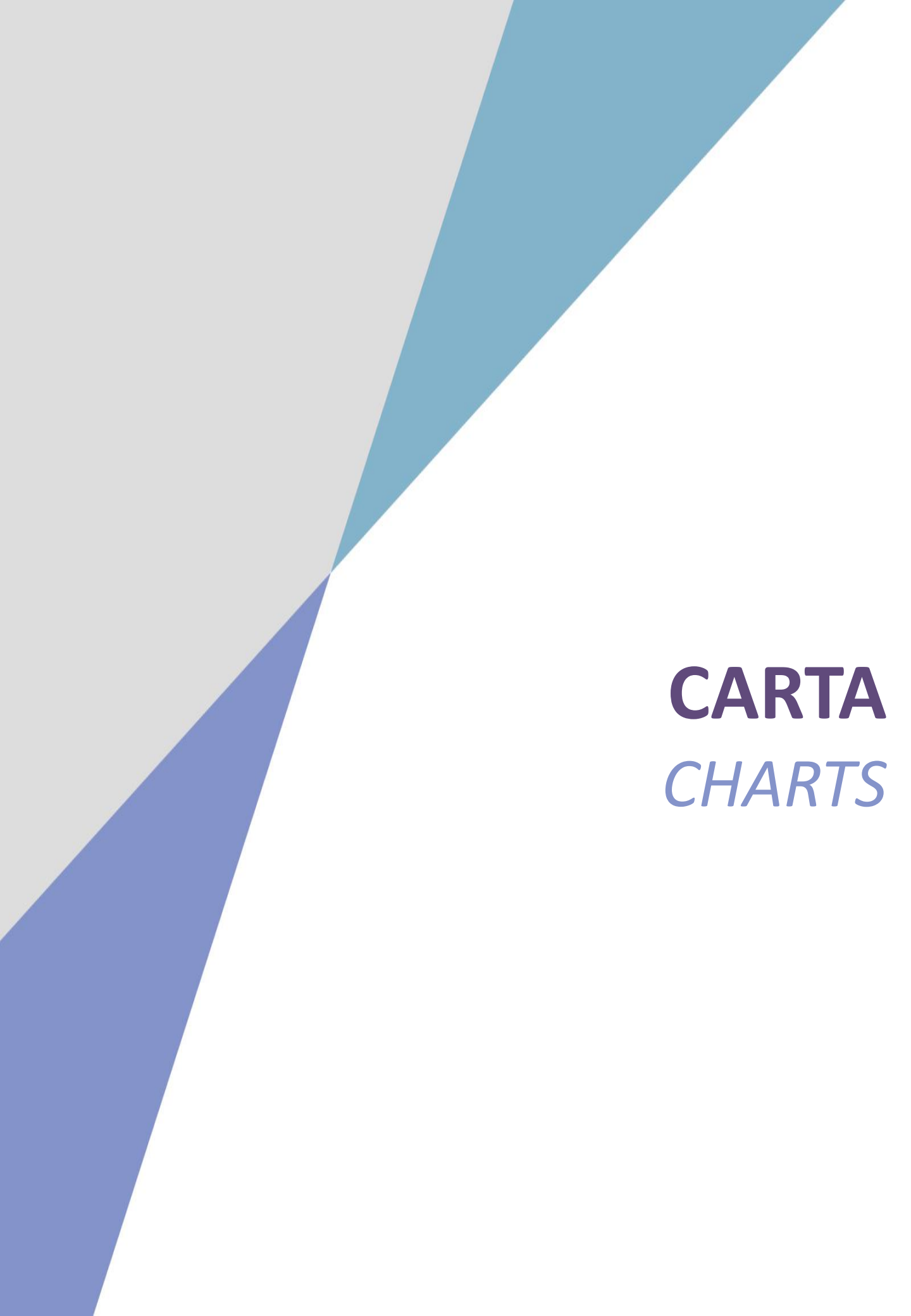
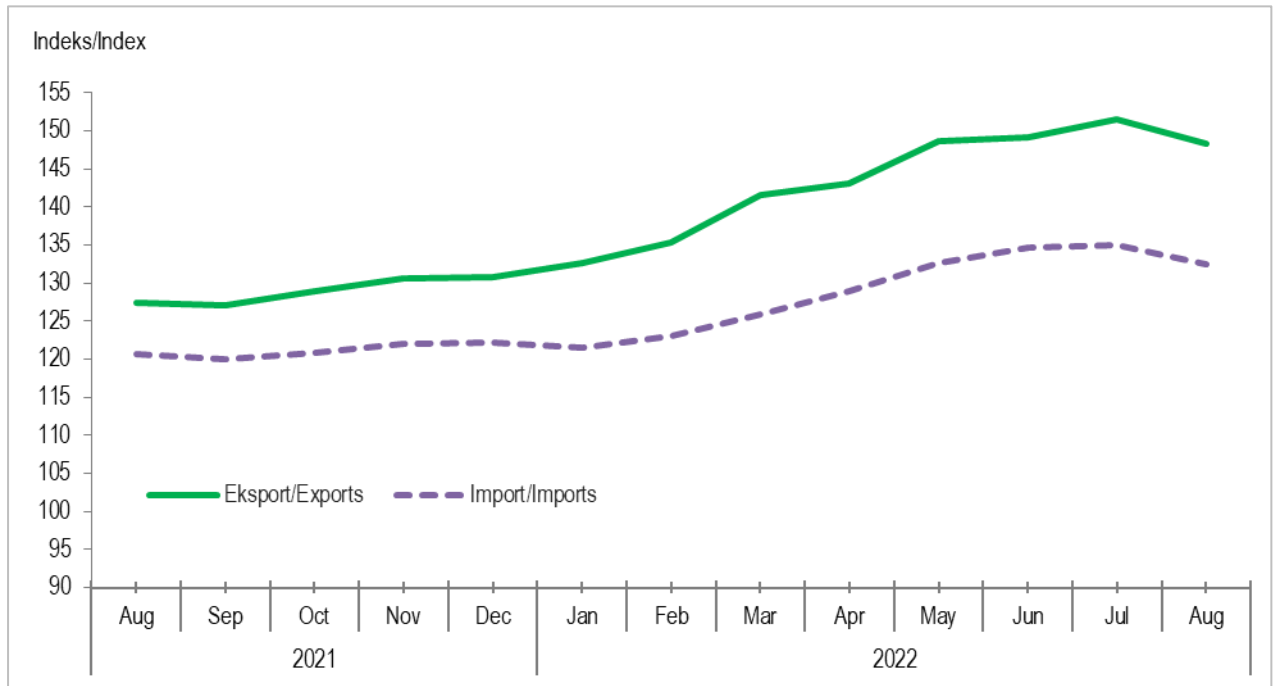


Chart 5: Terms of Trade, January 2020 – August 2022

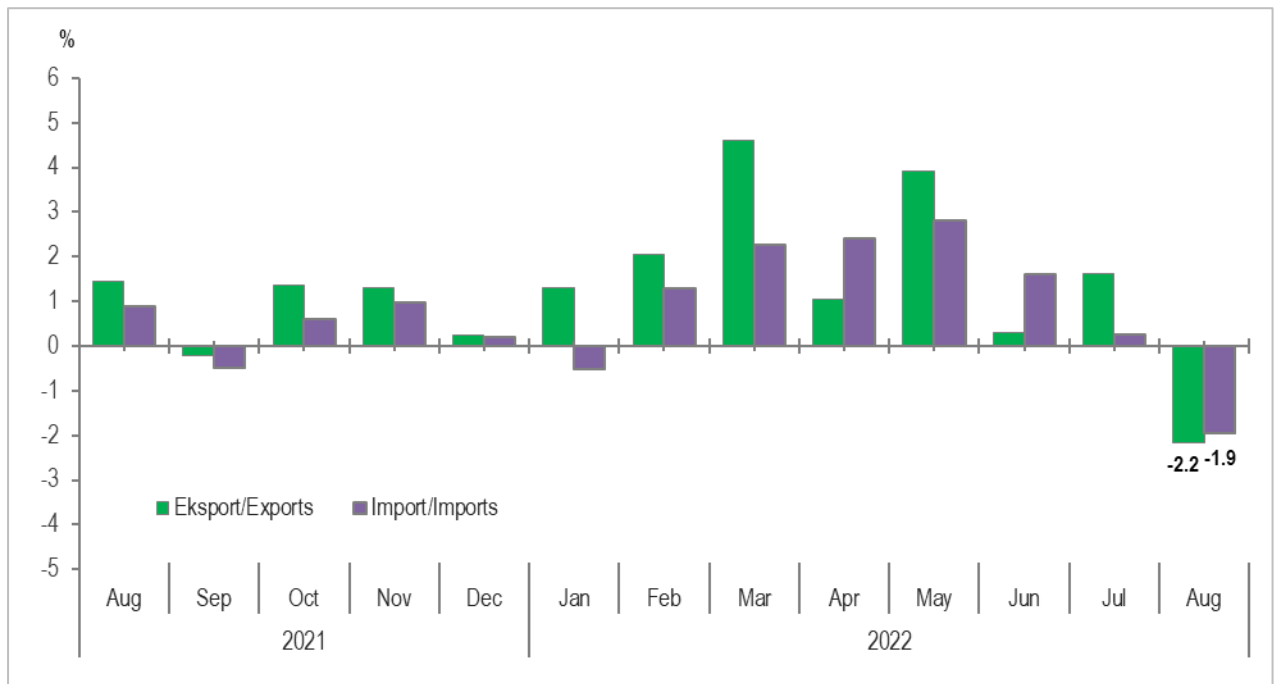


CARTA *CHARTS*

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



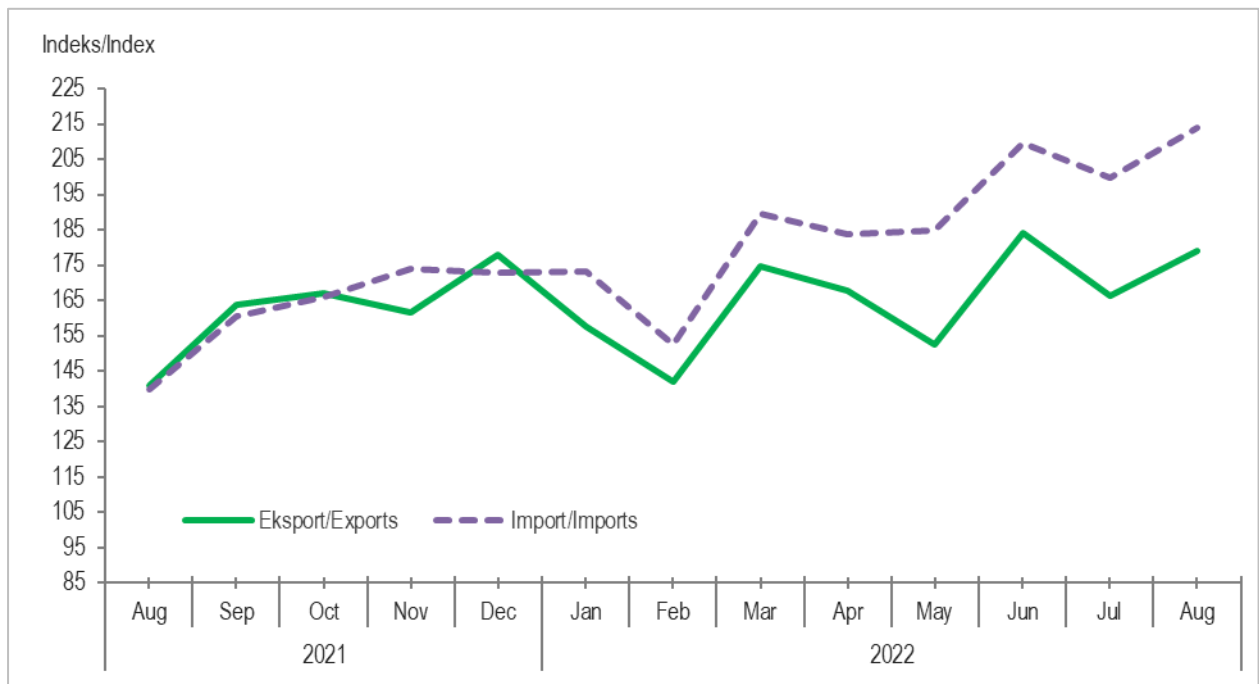
Carta 1.2: Peratus Perubahan Bulan ke Bulan Eksport dan Import Indeks Nilai seunit
 Chart 1.2: Month-on-Month Percentage Change in Export and Import Unit Value Index



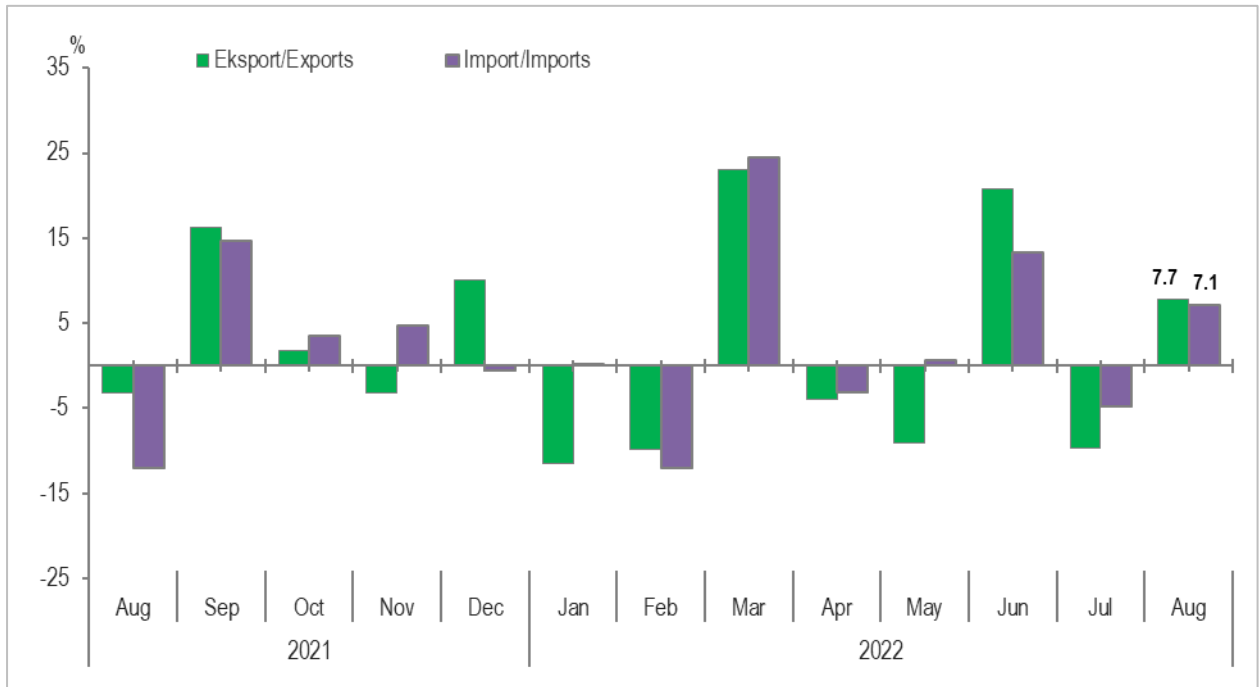
Carta 1.3: Peratus Perubahan Tahun Ke Tahun Indeks Nilai Seunit Eksport dan Import
 Chart 1.3: Year-on-Year Percentage Change in Export and Import Unit Value Index



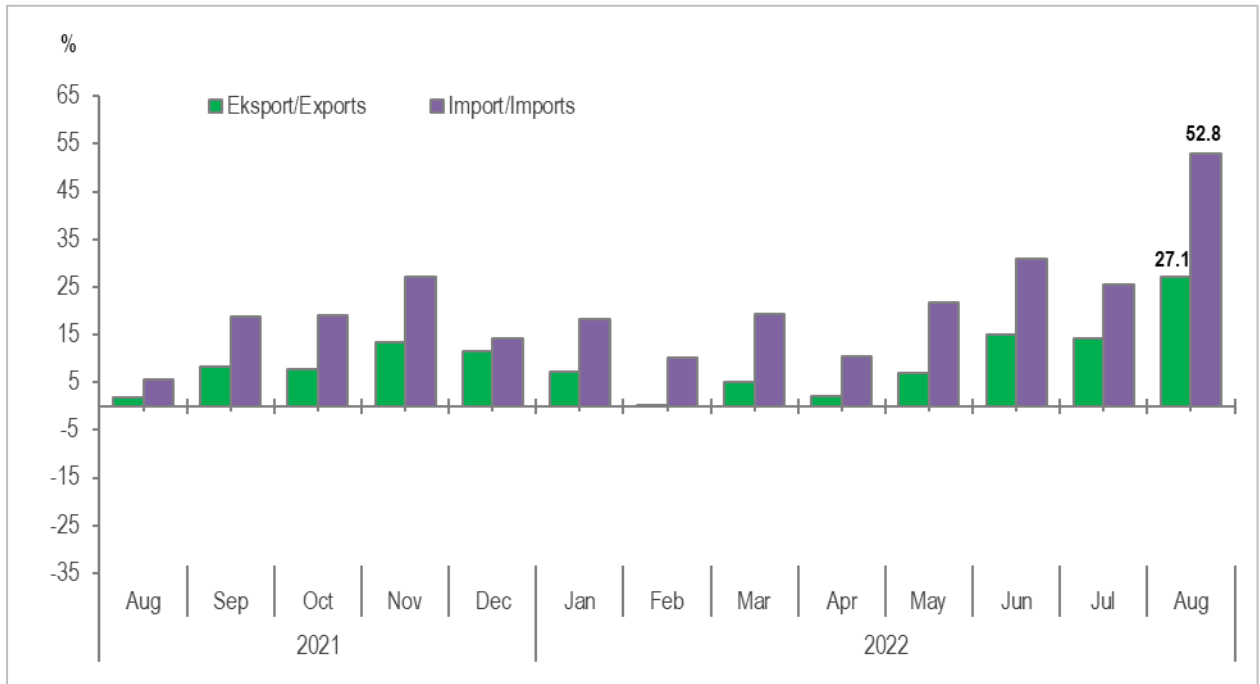
Carta 2.1: Indeks Volum Eksport dan Import
 Chart 2.1: Export and Import Volume Indices



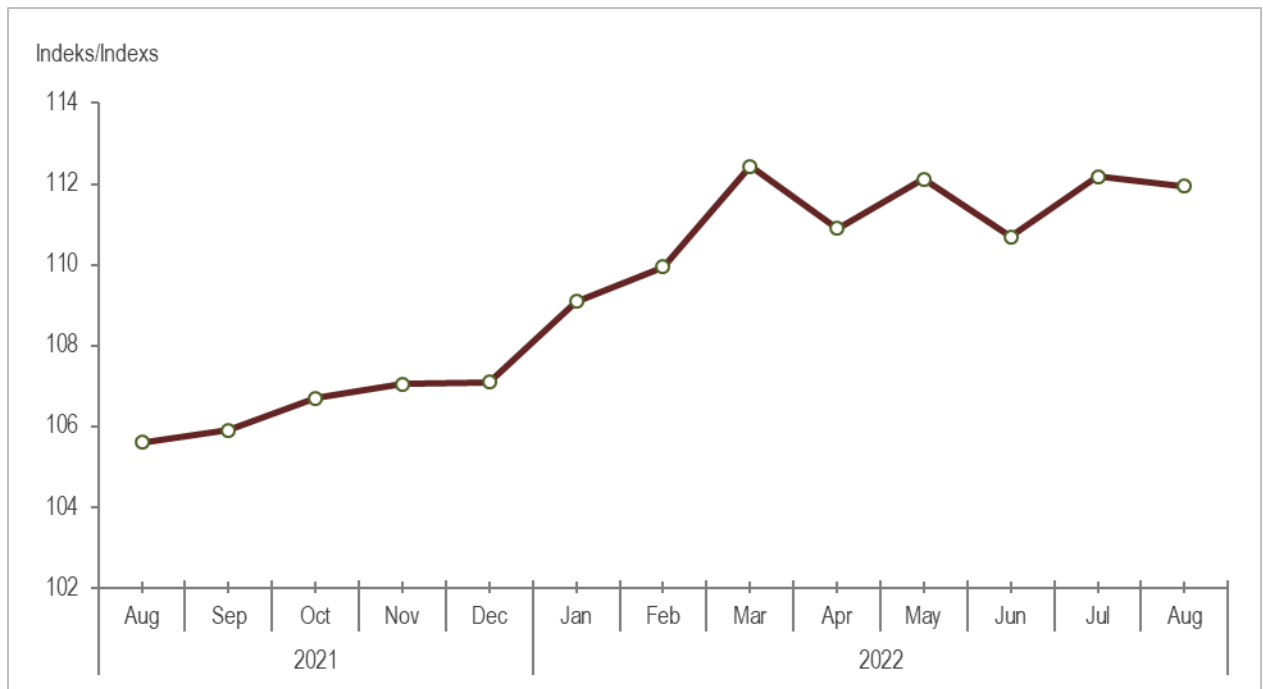
Carta 2.2: Peratus Perubahan Bulan ke Bulan Indeks Volum Eksport dan Import
 Chart 2.2: Month-on-Month Percentage Change Export and Import Volume Index



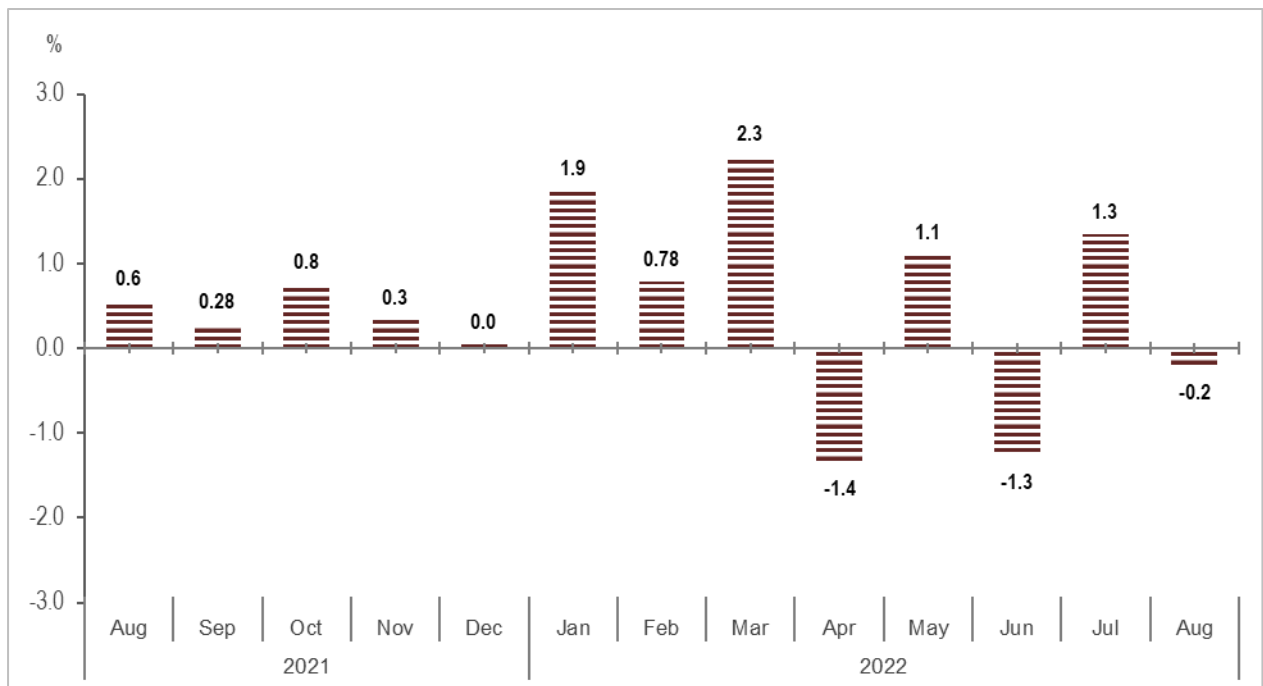
Carta 2.3: Peratus Perubahan Tahun ke Tahun Indeks Volum Eksport dan Import
 Chart 2.3: Year-on-Year Percentage Change in Export and Import Volume Index



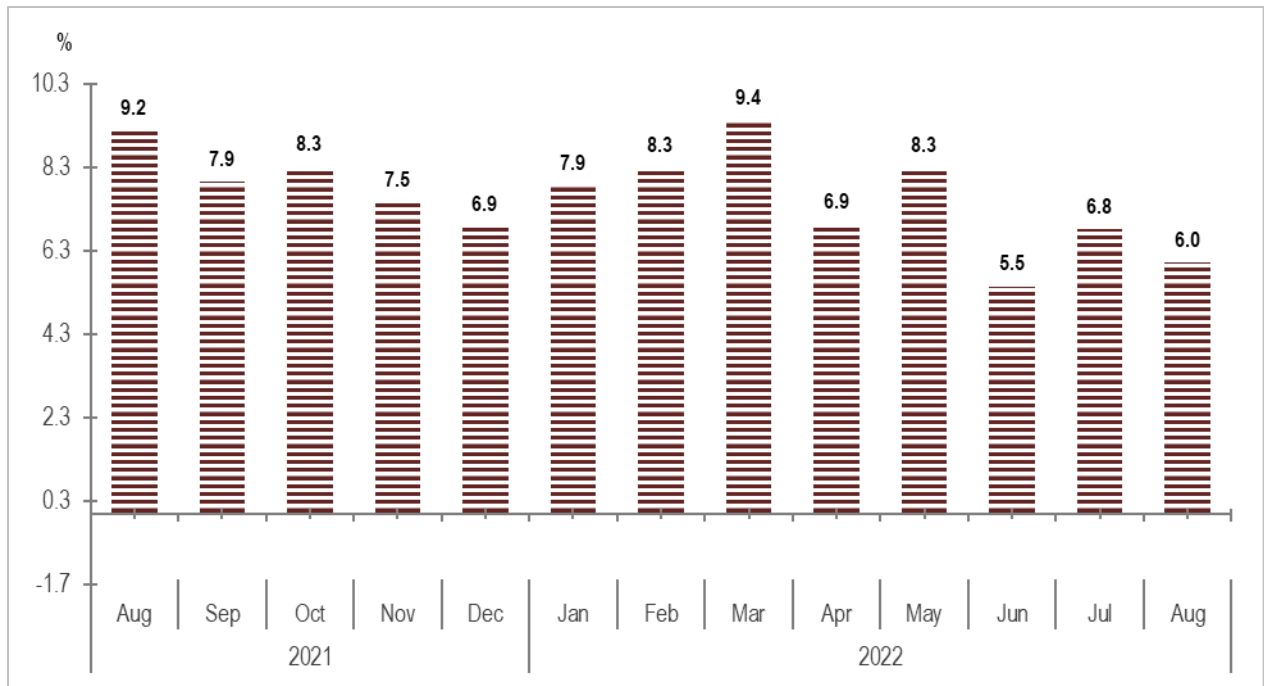
Carta 3.1: Indeks Terma Perdagangan
 Chart 3.1: Terms of Trade Index

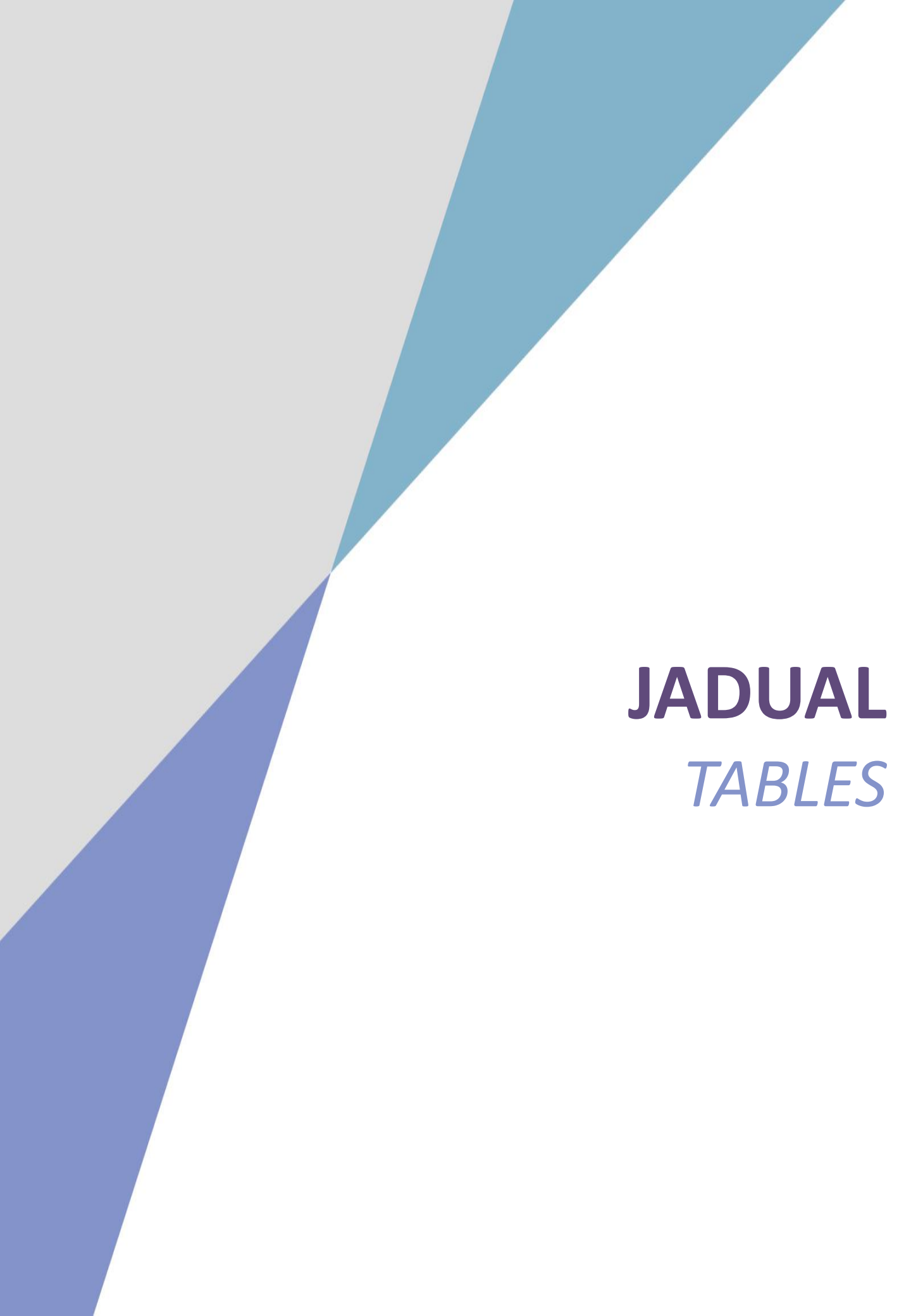


Carta 3.2: Peratus Perubahan Bulan Ke Bulan Indeks Terma Perdagangan
 Chart 3.2: Month-on-Month Percentage Change in Terms of Trade Index



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





JADUAL *TABLES*

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 TEBBAKAU 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
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
9	2020	OGOS	AUG	109.7	152.5	148.2	82.8	68.6	102.8	154.7	101.6	114.7	130.3	167.5
		SEP	SEP	110.5	152.7	148.5	83.0	72.2	108.3	155.1	101.7	114.1	130.2	164.8
		OKT	OCT	110.7	153.1	148.9	83.8	70.0	114.0	155.4	102.1	114.4	130.4	163.9
		NOV	NOV	111.8	153.6	149.1	85.0	76.0	116.0	156.1	102.6	113.8	130.3	167.9
		DIS	DEC	113.0	153.9	149.3	85.8	79.8	125.0	157.2	103.2	113.0	130.1	173.3
	2021	JAN	JAN	114.8	154.4	149.8	86.0	86.6	133.0	158.4	103.7	112.7	130.5	169.9
		FEB	FEB	116.2	155.1	150.4	87.3	89.7	139.4	159.3	104.3	113.2	130.7	174.0
		MAC	MAR	118.8	155.6	150.8	88.7	97.1	144.9	161.0	105.1	114.4	131.5	179.9
		APR	APR	120.8	156.4	151.5	89.7	101.7	153.7	162.3	106.0	115.0	132.2	183.0
		MEI	MAY	121.7	157.2	152.1	89.9	103.0	158.5	163.0	106.5	115.3	132.8	184.1
		JUN	JUN	123.9	157.7	152.4	90.4	110.5	164.1	163.6	107.4	116.2	132.7	187.6
		JUL	JUL	125.6	158.1	152.5	90.6	117.9	159.6	164.1	107.9	117.5	132.8	189.4
		OGOS	AUG	127.4	158.2	153.5	91.0	124.1	161.8	165.5	108.8	118.2	133.2	195.7
		SEP	SEP	127.1	158.3	154.2	91.1	122.7	167.1	166.2	108.6	117.3	132.9	195.3
		OKT	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 ^P	AUG ^P	148.3	166.0	159.8	93.6	193.7	182.2	178.0	112.0	129.9	134.7	378.9

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 TEBKAU 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
2020	OGOS	AUG	-0.2	0.5	0.1	-0.6	-2.7	5.5	0.5	0.2	-0.6	0.2	-1.9
	SEP	SEP	0.7	0.1	0.2	0.3	5.3	5.3	0.3	0.1	-0.5	-0.1	-1.6
	OKT	OCT	0.2	0.3	0.3	0.9	-3.0	5.3	0.2	0.4	0.2	0.1	-0.5
	NOV	NOV	1.0	0.3	0.2	1.5	8.5	1.8	0.4	0.5	-0.5	-0.1	2.4
	DIS	DEC	1.0	0.2	0.2	0.9	5.0	7.7	0.7	0.6	-0.7	-0.1	3.2
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 ^p	AUG ^p	-2.2	0.8	0.02	0.2	-1.5	-18.4	-0.3	-0.6	0.1	-0.03	13.6

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
2020	OGOS	AUG	-4.9	3.9	2.3	-2.5	-38.7	23.2	0.9	-0.7	1.1	0.6	-7.7
	SEP	SEP	-5.0	3.5	2.5	-1.6	-36.8	21.9	1.1	-0.8	0.3	0.4	-10.7
	OKT	OCT	-4.7	3.5	2.6	-0.2	-37.9	27.8	1.2	-0.2	0.3	0.6	-11.6
	NOV	NOV	-3.2	3.3	2.7	2.1	-30.8	27.7	1.8	0.3	0.1	0.9	-8.9
	DIS	DEC	-3.0	3.4	2.8	2.7	-29.2	24.2	2.8	1.2	-0.1	0.9	-7.2
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 ^B	AUG ^P	16.4	4.9	4.1	2.8	56.0	12.6	7.5	3.0	9.9	1.1	93.6

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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 TEBAKAU 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				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
6	2020	OGOS	AUG	138.4	99.2	57.0	166.6	144.1	93.2	104.8	148.3	136.2	202.1	44.5
		SEP	SEP	151.3	99.3	65.4	160.6	116.2	104.6	118.8	155.8	163.5	208.4	55.0
		OKT	OCT	154.8	106.1	64.1	179.3	119.4	111.1	115.7	159.6	163.6	223.8	56.6
		NOV	NOV	142.4	97.5	60.5	161.9	125.6	80.3	124.3	159.2	145.4	210.9	37.7
		DIS	DEC	159.5	106.1	86.2	168.8	147.0	119.6	138.3	188.5	158.1	223.8	56.3
	2021	JAN	JAN	146.8	100.6	62.8	158.2	118.2	60.1	128.8	172.5	158.4	221.0	51.2
		FEB	FEB	142.0	99.9	50.1	188.8	144.3	67.5	138.8	166.4	137.0	219.4	51.7
		MAC	MAR	166.6	115.3	79.1	190.2	112.6	88.1	171.8	218.6	171.7	259.5	59.6
		APR	APR	164.4	103.9	66.6	175.0	171.1	89.5	150.2	205.3	159.3	253.8	76.7
		MEI	MAY	142.7	96.5	49.5	142.7	132.4	84.8	141.4	199.6	135.8	220.5	54.3
		JUN	JUN	159.8	106.2	41.5	128.8	148.5	99.6	183.3	194.4	155.5	240.2	64.1
		JUL	JUL	145.4	106.3	37.7	130.9	153.0	96.6	156.4	170.9	143.5	185.3	54.6
		OGOS	AUG	140.7	109.7	56.4	180.3	120.3	79.8	157.0	195.8	142.2	181.9	53.1
		SEP	SEP	164.0	109.7	51.9	193.4	133.7	106.1	163.9	253.1	169.4	202.9	53.5
		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	105.6	85.0	166.5	234.6	181.2	185.8	64.9
		FEB	FEB	142.1	102.1	49.8	157.9	105.5	75.8	174.1	199.4	159.1	165.4	54.2
		MAC	MAR	174.7	125.2	61.3	208.4	127.0	95.6	185.2	230.1	208.4	207.7	93.4
		APR	APR	167.7	126.9	66.8	217.4	120.1	84.3	197.7	273.9	186.2	208.0	64.8
		MEI	MAY	152.4	108.7	52.2	138.8	130.9	88.1	168.0	204.0	173.7	178.0	54.0
		JUN	JUN	184.1	125.3	50.5	172.1	186.0	108.5	182.9	230.1	197.3	235.0	52.5
		JUL	JUL	166.4	123.4	56.9	200.5	168.2	87.7	174.2	220.2	177.4	198.6	46.4
		OGOS^P	AUG ^P	179.2	128.6	64.3	186.4	181.3	104.1	172.4	219.5	191.4	222.3	53.2

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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 MAKANAN FOOD	1 MINUMAN DAN TEBBAKAU 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
2020	OGOS	AUG	-12.7	-5.5	-8.6	-9.1	-12.8	-19.9	-5.3	-8.1	-18.1	0.0	-3.8
	SEP	SEP	9.3	0.1	14.8	-3.6	-19.4	12.3	13.3	5.0	20.1	3.1	23.4
	OKT	OCT	2.4	6.9	-2.0	11.6	2.8	6.2	-2.6	2.4	0.1	7.4	2.9
	NOV	NOV	-8.0	-8.1	-5.7	-9.7	5.2	-27.8	7.4	-0.3	-11.1	-5.8	-33.4
	DIS	DEC	12.0	8.8	42.5	4.2	17.0	49.0	11.2	18.4	8.7	6.1	49.3
	2021	JAN	JAN	-7.9	-5.2	-27.1	-6.3	-19.6	-6.9	-8.5	0.2	-1.3	-9.0
		FEB	FEB	-3.3	-0.6	-20.2	19.3	22.2	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	25.3	18.3	15.3
		APR	APR	-1.3	-9.8	-15.8	-8.0	52.0	1.6	-12.5	-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	-29.2
		JUN	JUN	11.9	10.0	-16.2	-9.7	12.1	17.5	29.6	-2.6	14.5	18.0
		JUL	JUL	-9.0	0.1	-9.0	1.6	3.1	-3.0	-14.7	-12.1	-7.7	-14.7
		OGOS	AUG	-3.2	3.2	49.5	37.8	-21.4	-17.4	0.4	14.6	-0.9	-2.8
		SEP	SEP	16.5	-0.1	-8.1	7.3	11.1	32.9	4.4	29.3	11.5	0.7
		OKT	OCT	1.9	7.1	13.4	-6.4	0.3	-8.4	7.0	8.1	4.1	19.8
		NOV	NOV	-2.9	3.6	7.6	-4.0	-2.7	7.5	-1.0	-11.9	5.1	1.5
		DIS	DEC	10.2	5.5	24.2	1.0	-8.8	9.5	9.3	-1.0	20.9	-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 ^p	AUG ^p	7.7	4.1	13.1	-7.0	7.8	18.7	-1.0	-0.3	7.9	11.9	14.8

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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 TEBAKAU 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
11	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
	2020	OGOS	AUG	4.2	-8.8	-30.1	-2.5	26.2	-17.5	-22.3	-16.7	3.8	36.6	-66.4
		SEP	SEP	19.6	-1.7	-18.9	-0.9	11.0	14.3	-3.7	0.6	26.0	33.2	-31.5
		OKT	OCT	5.3	-5.1	-25.2	0.1	-2.8	14.8	-16.2	-2.0	2.0	32.1	-24.3
		NOV	NOV	8.1	-13.3	-39.8	3.9	-2.0	-12.7	-6.9	-12.2	17.9	29.0	-55.3
		DIS	DEC	14.3	-3.0	8.9	0.4	3.6	32.7	0.1	15.2	14.2	33.1	-38.4
	2021	JAN	JAN	8.5	2.5	-10.6	1.6	-13.1	-26.6	5.4	9.1	11.1	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 ^P	AUG ^P	27.4	17.2	14.0	3.4	50.7	30.4	9.8	12.1	34.7	22.2	0.2	

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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
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
12	2020	OGOS	AUG	113.4	141.6	117.3	105.8	75.6	117.6	109.3	107.8	118.8	112.5	237.3
		SEP	SEP	112.6	141.6	117.4	107.0	71.7	124.0	109.5	108.2	118.2	112.2	226.8
		OKT	OCT	112.4	141.9	117.5	107.9	68.7	129.0	109.8	108.4	118.0	112.3	231.4
		NOV	NOV	112.2	142.0	117.5	111.0	67.3	141.4	110.2	108.7	117.5	112.1	224.9
		DIS	DEC	112.7	142.1	117.8	113.0	71.7	152.2	110.4	109.2	116.9	111.9	218.7
	2021	JAN	JAN	113.5	142.2	117.9	112.9	77.2	158.5	111.0	109.7	116.5	112.0	218.9
		FEB	FEB	114.5	142.6	118.2	114.1	82.0	162.7	111.3	110.3	116.8	112.0	214.1
		MAC	MAR	115.6	143.2	118.3	117.6	85.8	171.2	111.8	110.8	117.6	112.4	205.0
		APR	APR	116.4	144.1	118.4	120.4	88.3	177.4	112.3	111.6	117.8	112.2	211.8
		MEI	MAY	117.5	144.7	118.7	119.9	94.6	181.6	112.5	112.6	117.4	112.5	218.1
		JUN	JUN	118.1	145.4	119.1	121.0	96.0	189.6	112.8	113.4	117.5	112.6	217.1
		JUL	JUL	119.6	145.7	119.3	120.3	103.8	187.7	113.2	113.9	118.4	112.9	218.7
		OGOS	AUG	120.6	145.8	119.4	120.0	111.3	190.5	113.1	114.2	118.1	113.1	225.6
		SEP	SEP	120.1	145.8	119.5	120.0	110.1	195.1	112.9	114.3	117.1	113.1	220.8
		OKT	OCT	120.8	145.8	119.0	119.8	115.3	197.9	112.9	114.3	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 ^p	AUG ^p	132.4	149.7	120.5	121.5	167.6	273.0	112.7	115.2	124.9	116.2	221.6

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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 TEBAKAU 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
2020	OGOS	AUG	0.1	-0.1	-0.1	-0.4	1.3	0.0	-0.1	0.3	-0.6	-0.2	9.2
	SEP	SEP	-0.7	0.0	0.1	1.1	-5.1	5.4	0.2	0.3	-0.5	-0.2	-4.4
	OKT	OCT	-0.2	0.2	0.1	0.8	-4.2	4.0	0.3	0.2	-0.2	0.1	2.0
	NOV	NOV	-0.1	0.0	0.0	2.9	-2.0	9.6	0.4	0.3	-0.4	-0.2	-2.8
	DIS	DEC	0.4	0.1	0.2	1.8	6.5	7.7	0.2	0.5	-0.6	-0.1	-2.8
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 ^p	AUG ^p	-1.9	0.2	0.3	0.3	-10.1	-4.2	-0.4	-0.1	0.1	0.1	-1.4

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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 TEBKAU 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
2020	OGOS	AUG		-3.6	1.8	1.7	-2.2	-30.0	12.7	-0.8	-0.4	-1.3	-0.5	32.1
	SEP	SEP		-4.1	1.7	1.7	-0.1	-31.8	13.1	-0.8	0.1	-2.1	-0.9	21.5
	OKT	OCT		-4.2	1.8	1.7	1.3	-35.3	16.0	-0.5	0.4	-1.9	-0.5	27.6
	NOV	NOV		-4.2	1.8	1.5	4.6	-37.0	25.1	0.1	0.8	-2.0	-0.5	25.4
	DIS	DEC		-4.2	1.6	1.6	7.5	-35.3	25.6	0.5	1.4	-2.4	-0.5	20.9
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 ^p	AUG ^p		9.8	2.6	0.9	1.2	50.6	43.3	-0.4	0.9	5.8	2.7	-1.8

MALAYSIA
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 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				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
15	2020													
	OGOS	AUG		132.3	131.4	99.1	201.8	223.5	73.9	156.0	120.6	111.4	168.0	113.2
	SEP	SEP		135.2	126.5	101.3	207.1	190.9	96.6	162.9	132.8	117.3	170.0	100.6
	OKT	OCT		139.4	130.0	114.8	210.5	263.6	76.7	163.0	135.0	117.9	168.4	76.5
	NOV	NOV		136.9	130.0	117.8	206.7	214.0	101.3	168.1	129.5	116.0	167.4	126.5
	DIS	DEC		151.5	136.2	115.9	251.9	204.3	185.0	192.1	143.9	128.2	184.1	134.3
	2021													
	JAN	JAN		146.3	131.3	85.1	251.9	210.4	154.7	178.4	139.5	123.0	164.9	172.1
	FEB	FEB		138.4	122.8	80.0	239.3	235.8	104.4	173.1	129.3	113.6	154.5	145.5
	MAC	MAR		159.1	147.9	92.0	259.8	211.8	112.9	212.9	147.0	130.7	180.6	290.3
	APR	APR		166.6	155.2	96.2	249.8	333.4	96.3	206.1	154.6	131.2	192.3	175.5
	MEI	MAY		152.0	135.7	96.8	252.9	218.4	97.5	205.8	148.9	127.6	188.6	103.6
	JUN	JUN		160.3	153.3	110.4	255.5	263.8	139.5	222.6	153.8	131.3	180.4	61.4
	JUL	JUL		159.0	147.2	89.7	335.2	262.3	112.9	200.8	132.9	134.5	175.5	49.9
	OGOS	AUG		140.0	134.7	93.1	203.2	168.6	101.6	199.1	128.6	126.4	166.4	70.3
	SEP	SEP		160.4	150.9	82.4	252.7	230.9	94.1	210.6	131.7	142.6	177.4	151.1
	OKT	OCT		165.5	146.1	77.4	239.2	249.6	98.8	207.5	136.5	149.5	178.2	166.9
	NOV	NOV		174.2	152.8	99.6	258.1	249.2	106.9	233.2	154.3	156.2	198.6	111.7
	DIS	DEC		173.0	164.3	124.7	255.2	189.6	79.2	237.2	168.4	160.2	208.5	118.5
	2022													
	JAN	JAN		173.1	181.8	109.5	254.7	197.3	86.3	247.3	168.4	155.9	201.1	106.8
	FEB	FEB		152.3	132.7	85.6	211.2	199.7	131.2	221.9	140.0	135.8	175.6	86.2
	MAC	MAR		189.6	167.9	151.7	253.6	301.7	110.3	261.3	173.3	163.1	229.7	78.6
	APR	APR		183.8	157.9	102.9	304.7	258.8	92.5	259.2	177.4	160.9	207.4	92.6
	MEI	MAY		185.0	172.8	103.6	230.5	243.3	74.3	242.8	169.2	171.1	215.3	183.7
	JUN	JUN		209.8	168.9	123.9	241.4	348.4	83.9	279.0	206.7	176.2	232.7	173.1
	JUL	JUL		199.6	167.7	151.6	199.7	331.6	111.0	258.9	177.6	169.9	233.1	168.3
	OGOS ^p	AUG ^p		213.8	184.4	154.6	226.7	422.0	104.1	264.2	169.0	174.0	255.0	134.3

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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 TEBAKAU 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
2020	OGOS	AUG	-2.3	8.0	9.2	9.6	-9.4	-22.1	2.2	-11.7	-4.3	4.3	70.4
	SEP	SEP	2.2	-3.7	2.2	2.6	-14.6	30.8	4.4	10.2	5.3	1.2	-11.1
	OKT	OCT	3.2	2.7	13.4	1.6	38.0	-20.7	0.0	1.6	0.5	-1.0	-24.0
	NOV	NOV	-1.8	0.0	2.7	-1.8	-18.8	32.1	3.1	-4.0	-1.6	-0.6	65.4
	DIS	DEC	10.6	4.8	-1.6	21.9	-4.5	82.7	14.3	11.1	10.5	10.0	6.2
	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
2021	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
	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
2022	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 ^p	AUG ^p	7.1	10.0	2.0	13.5	27.3	-6.2	2.0	-4.8	2.4	9.4	-20.2

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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 TEBBAKAU 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
17	2020	OGOS	AUG	-2.9	6.0	-41.9	-1.2	19.2	3.8	-19.2	-12.7	-3.0	0.3	64.5
		SEP	SEP	0.6	13.1	-26.3	-0.8	-16.1	32.7	-5.1	-2.1	5.8	5.7	46.4
		OKT	OCT	-1.8	4.6	-18.8	-3.7	26.5	-33.8	-3.9	-18.8	0.1	0.5	-11.0
		NOV	NOV	-4.9	8.5	-20.8	-8.7	-8.6	29.3	-4.6	-11.3	-2.3	-8.7	19.5
		DIS	DEC	6.1	0.7	-32.8	14.1	-10.3	59.0	11.2	0.2	11.2	-0.1	27.8
	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 ^p	AUG ^p	52.7	36.9	66.1	11.6	150.2	2.4	32.7	31.4	37.7	53.2	91.1

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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
18	2020	OGOS	AUG	96.7	107.7	126.3	78.2	90.8	87.4	141.5	94.3	96.6	115.8	70.6
		SEP	SEP	98.1	107.9	126.5	77.6	100.8	87.3	141.6	94.0	96.6	116.0	72.7
		OKT	OCT	98.5	107.9	126.7	77.6	101.9	88.4	141.6	94.2	96.9	116.1	70.8
		NOV	NOV	99.6	108.2	126.9	76.6	112.9	82.1	141.6	94.3	96.8	116.3	74.6
		DIS	DEC	100.2	108.4	126.8	75.9	111.4	82.1	142.4	94.5	96.7	116.3	79.2
	2021	JAN	JAN	101.1	108.6	127.1	76.2	112.3	83.9	142.8	94.5	96.8	116.5	77.6
		FEB	FEB	101.5	108.7	127.3	76.5	109.4	85.7	143.2	94.6	96.9	116.7	81.3
		MAC	MAR	102.8	108.7	127.5	75.4	113.2	84.6	144.0	94.8	97.3	117.1	87.7
		APR	APR	103.7	108.5	127.9	74.5	115.2	86.6	144.5	95.0	97.7	117.8	86.4
		MEI	MAY	103.5	108.6	128.1	75.0	108.9	87.3	144.8	94.6	98.2	118.0	84.4
		JUN	JUN	105.0	108.5	127.9	74.6	115.1	86.5	145.1	94.7	98.9	117.9	86.4
		JUL	JUL	105.0	108.5	127.8	75.3	113.6	85.1	144.9	94.7	99.3	117.7	86.6
		OGOS	AUG	105.6	108.5	128.5	75.8	111.6	84.9	146.3	95.3	100.1	117.7	86.8
		SEP	SEP	105.9	108.6	129.1	75.9	111.5	85.6	147.3	95.0	100.1	117.5	88.5
		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 ^p	AUG ^p	111.9	110.9	132.6	77.0	115.6	66.7	157.9	97.2	104.0	115.9	171.0

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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 MAKANAN FOOD	1 MINUMAN DAN TEBKAU 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
2020	OGOS	AUG	-0.1	0.6	0.2	-0.2	-4.0	5.5	1.1	-0.1	0.0	0.4	-10.2
	SEP	SEP	1.4	0.1	0.1	-0.9	11.0	-0.1	0.1	-0.2	0.0	0.1	2.9
	OKT	OCT	0.4	0.1	0.2	0.1	1.2	1.2	0.0	0.2	0.4	0.1	-2.5
	NOV	NOV	1.1	0.2	0.1	-1.3	10.8	-7.1	0.0	0.2	-0.1	0.1	5.4
	DIS	DEC	0.6	0.2	-0.1	-0.9	-1.4	0.1	0.6	0.2	-0.1	0.0	6.2
	JAN	JAN	0.9	0.2	0.3	0.4	0.8	2.1	0.3	0.1	0.1	0.2	-2.1
	FEB	FEB	0.4	0.2	0.1	0.5	-2.6	2.2	0.3	0.0	0.1	0.1	4.7
	MAC	MAR	1.2	-0.1	0.2	-1.5	3.5	-1.3	0.6	0.2	0.4	0.3	8.0
	APR	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	-2.3
	JUN	JUN	1.4	-0.1	-0.1	-0.5	5.6	-0.8	0.2	0.1	0.7	-0.2	2.4
2021	JUL	JUL	0.0	0.0	-0.1	0.9	-1.3	-1.7	-0.1	0.1	0.4	-0.1	0.2
	OGOS	AUG	0.6	0.0	0.5	0.7	-1.8	-0.1	0.9	0.6	0.8	0.1	0.2
	SEP	SEP	0.3	0.1	0.4	0.1	-0.1	0.8	0.7	-0.3	0.0	-0.2	2.0
	OKT	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	0.3	0.0	0.5	0.4	0.9	-8.4	0.6	-0.3	0.0	0.0	1.1
	DIS	DEC	0.0	0.1	0.5	0.8	-0.6	-3.4	0.4	0.1	0.3	0.1	8.7
	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
2022	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 ^p	AUG ^p	-0.2	0.6	-0.3	-0.1	9.5	-14.8	0.1	-0.5	-0.1	-0.1	15.2

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 TEBBAKAU BEVERAGES AND TOBACCO	2 BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	3 BAHAN API GALIAN, DLL. 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
2020	OGOS	AUG	-1.4	2.0	0.6	-0.3	-13.0	9.3	1.7	-0.3	2.4	1.1	-30.1
	SEP	SEP	-0.9	1.8	0.8	-1.5	-7.3	7.8	1.9	-0.9	2.4	1.3	-26.5
	OKT	OCT	-0.5	1.6	0.9	-1.5	-4.0	10.1	1.7	-0.7	2.2	1.1	-30.8
	NOV	NOV	1.1	1.6	1.1	-2.4	9.9	2.0	1.7	-0.5	2.2	1.4	-27.3
	DIS	DEC	1.3	1.8	1.2	-4.5	9.5	-1.2	2.3	-0.2	2.3	1.3	-23.2
2021	JAN	JAN	1.3	1.9	1.2	-4.6	5.4	0.3	2.1	0.2	2.6	1.7	-23.1
	FEB	FEB	1.4	2.3	1.3	-3.3	-0.1	0.8	2.2	0.2	2.7	1.8	-14.9
	MAC	MAR	2.9	2.3	1.2	-4.0	2.6	1.0	2.7	-0.1	2.8	2.0	-1.5
	APR	APR	4.3	2.6	1.4	-5.3	0.7	1.8	3.2	0.1	2.9	2.5	1.2
	MEI	MAY	6.6	2.6	1.6	-5.2	4.8	3.3	3.5	0.3	3.5	3.0	3.9
	JUN	JUN	7.4	1.9	1.6	-5.6	6.6	3.8	3.1	0.6	3.0	3.1	6.8
	JUL	JUL	8.4	1.3	1.4	-3.9	20.2	2.7	3.5	0.4	2.8	2.0	10.1
	OGOS	AUG	9.2	0.7	1.7	-3.1	22.9	-2.8	3.4	1.1	3.7	1.6	22.9
	SEP	SEP	7.9	0.7	2.0	-2.1	10.7	-1.9	4.0	1.0	3.7	1.3	21.7
	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	29.9
	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 ^P	AUG ^P	6.0	2.3	3.2	1.6	3.6	-21.4	7.9	2.1	3.8	-1.6	97.1

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 % CHANGE MONTH-ON-MONTH	PELARASAN MUSIM SEASONALLY ADJUSTED	% PERUBAHAN BULAN KE BULAN % CHANGE MONTH-ON-MONTH
2019	OGOS	AUG		132.9	-9.2	134.2	-2.7
	SEP	SEP		126.5	-4.8	127.4	-5.1
	OKT	OCT		147.0	16.2	136.1	6.8
	NOV	NOV		131.7	-10.4	131.4	-3.5
	DIS	DEC		139.5	5.9	133.0	1.2
2020	JAN	JAN		135.3	-3.0	134.2	0.7
	FEB	FEB		120.0	-11.4	137.4	2.4
	MAC	MAR		129.9	8.3	127.2	-7.4
	APR	APR		106.9	-17.7	105.0	-17.4
	MEI	MAY		107.4	0.4	108.8	3.6
	JUN	JUN		141.8	32.0	152.9	40.6
	JUL	JUL		158.6	11.9	149.7	-2.1
	OGOS	AUG		138.4	-12.7	138.0	-7.8
	SEP	SEP		151.3	9.3	153.2	11.0
	OKT	OCT		154.8	2.4	141.9	-7.3
	NOV	NOV		142.4	-8.0	143.1	0.9
	DIS	DEC		159.5	12.0	153.8	7.5
2021	JAN	JAN		146.8	-7.9	142.0	-7.7
	FEB	FEB		142.0	-3.3	157.2	10.7
	MAC	MAR		166.6	17.3	153.2	-2.6
	APR	APR		164.4	-1.3	152.9	-0.2
	MEI	MAY		142.7	-13.2	143.1	-6.4
	JUN	JUN		159.8	11.9	156.2	9.2
	JUL	JUL		145.4	-9.0	134.9	-13.6
	OGOS	AUG		140.7	-3.2	139.9	3.7
	SEP	SEP		164.0	16.5	152.9	9.2
	OKT	OCT		167.0	1.9	144.7	-5.3
	NOV	NOV		162.2	-2.9	152.2	5.2
	DIS	DEC		178.8	10.2	154.4	1.4
2022	JAN	JAN		157.5	-11.9	155.6	0.8
	FEB	FEB		142.1	-9.8	160.0	2.8
	MAC	MAR		174.7	23.0	170.1	6.4
	APR	APR		167.7	-4.0	162.2	-4.7
	MEI	MAY		152.4	-9.1	158.0	-2.6
	JUN	JUN		184.1	20.8	190.9	20.8
	JUL	JUL		166.4	-9.6	162.1	-15.1
	OGOS ^p	AUG ^p		179.2	7.7	188.8	16.5

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 % CHANGE MONTH-ON-MONTH	PELARASAN MUSIM SEASONALLY ADJUSTED	% PERUBAHAN BULAN KE BULAN % CHANGE MONTH-ON-MONTH
2019	OGOS	AUG	136.2	-4.5	133.3	-3.7
	SEP	SEP	134.4	-1.3	134.3	0.7
	OKT	OCT	142.1	5.7	137.0	2.0
	NOV	NOV	144.0	1.4	139.6	1.9
	DIS	DEC	142.7	-0.9	137.8	-1.2
2020	JAN	JAN	140.1	-1.8	137.4	-0.9
	FEB	FEB	121.1	-13.6	134.6	-2.1
	MAC	MAR	134.5	11.1	132.9	-1.3
	APR	APR	137.5	2.2	132.1	-0.6
	MEI	MAY	106.4	-22.7	104.7	-20.8
	JUN	JUN	127.5	19.9	131.1	25.2
	JUL	JUL	135.4	6.2	132.5	1.1
	OGOS	AUG	132.3	-2.3	131.2	-1.0
	SEP	SEP	135.2	2.2	136.7	4.2
	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	173.1	0.1	169.7	1.7
	FEB	FEB	152.3	-12.0	170.2	0.3
	MAC	MAR	189.6	24.5	189.9	11.6
	APR	APR	183.8	-3.1	177.0	-6.8
	MEI	MAY	185.0	0.7	185.6	4.9
	JUN	JUN	209.8	13.4	219.0	18.0
	JUL	JUL	199.6	-4.8	195.8	-10.6
	OGOS ^p	AUG ^p	213.8	7.1	213.7	9.1

JADUAL 8 : JADUAL TARIKH PENGELUARAN INDEKS PERDAGANGAN LUAR NEGERI (2010=100), JANUARI - DISEMBER 2022

TABLE 8 : SCHEDULE OF RELEASE DATES FOR EXTERNAL TRADE INDICES (2010=100), JANUARY - DECEMBER 2022

BULAN RUJUKAN REFERENCE MONTH		TARIKH PENGELUARAN PENERBITAN RELEASE DATES OF PUBLICATION	
JANUARI JANUARY	4	MAC MARCH	2022
FEBRUARI FEBRUARY	4	APRIL APRIL	2022
MAC MARCH	29	APRIL APRIL	2022
APRIL APRIL	3	JUN JUNE	2022
MEI MAY	4	JULAI JULY	2022
JUN JUNE	4	OGOS AUGUST	2022
JULAI JULY	2	SEPTEMBER SEPTEMBER	2022
OGOS AUGUST	4	OKTOBER OCTOBER	2022
SEPTEMBER SEPTEMBER	4	NOVEMBER NOVEMBER	2022
OKTOBER OCTOBER	4	DISEMBER DECEMBER	2022
NOVEMBER NOVEMBER	4	JANUARI JANUARY	2023
DISEMBER DECEMBER	3	FEBRUARI FEBRUARY	2023

PENERBITAN INI AKAN DITERBITKAN DI LAMAN WEB JABATAN PERANGKAAAN MALAYSIA
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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 barangan Malaysia.
- 1.2 Nombor indeks ini mencerminkan peratusan kenaikan atau penurunan dalam paras nilai seunit dan volum. 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" barangan tahun 2013 dengan mengekalkan tahun asas yang sama, 2010=100. Seterusnya, IPLN (2010=100) dikemaskini sekali lagi menggunakan "bakul" barangan 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 barangan (yang mana lebih dikenali sebagai terma perdagangan).
 - 2.2.3 Ia boleh digunakan untuk membuat unjuran untuk memastikan perubahan harga, output 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 barangan pada tempoh tertentu;
p_o	=	Nilai seunit barangan 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 disebarikan di peringkat SITC-1-digit dan Malaysia.

5. LIPUTAN

Sebanyak 786 barangan eksport yang mewakili kira-kira 84.4 peratus daripada jumlah nilai eksport yang dicatatkan pada tahun 2015 dan 1,583 barangan 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 Perubahan harga dalam perdagangan barangan luar negeri ditunjukkan oleh perubahan indeks nilai seunit perdagangan barangan 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 barangan tertentu.

7.2 Indeks volum eksport dan import

Perubahan volum perdagangan barangan luar negeri diperoleh daripada perubahan nilai perdagangan barangan 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 Indeks 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 pepadanan kod dilaksanakan bagi menyelaraskan kod *Harmonization System* (HS)/ *Asean Harmonised Tariff Nomenclature* (AHTN) 2012 dengan HS2017 yang digunakan bermula April 2017.
- 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 melaraskan musim data siri masa ekonomi Malaysia, pakej pelarasan bermusim standard, X-12 ARIMA telah digunakan oleh Jabatan Perangkaan, Malaysia.

Data siri masa ekonomi Malaysia kerap dipengaruhi oleh perayaan agama utama seperti Aidil Fitri bagi umat Islam, Tahun Baru Cina untuk kaum Cina dan Deepavali untuk kaum India. Tarikh perayaan-perayaan ini tetap mengikut tahun lunar tetapi berbeza-beza mengikut kalendar 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. Perangkaan muktamad Perangkaan Perdagangan Luar Negeri 2021 telah digunakan bermula penerbitan June 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.*
- 1.2 *The index numbers, which reflect the percentage rise or fall of unit value and volume levels 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 Export and import 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 Export and import 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 indices

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) / ASEAN Harmonized Tariff Nomenclature (AHTN) 2012 to HS 2017 which was in use from April 2017.

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.

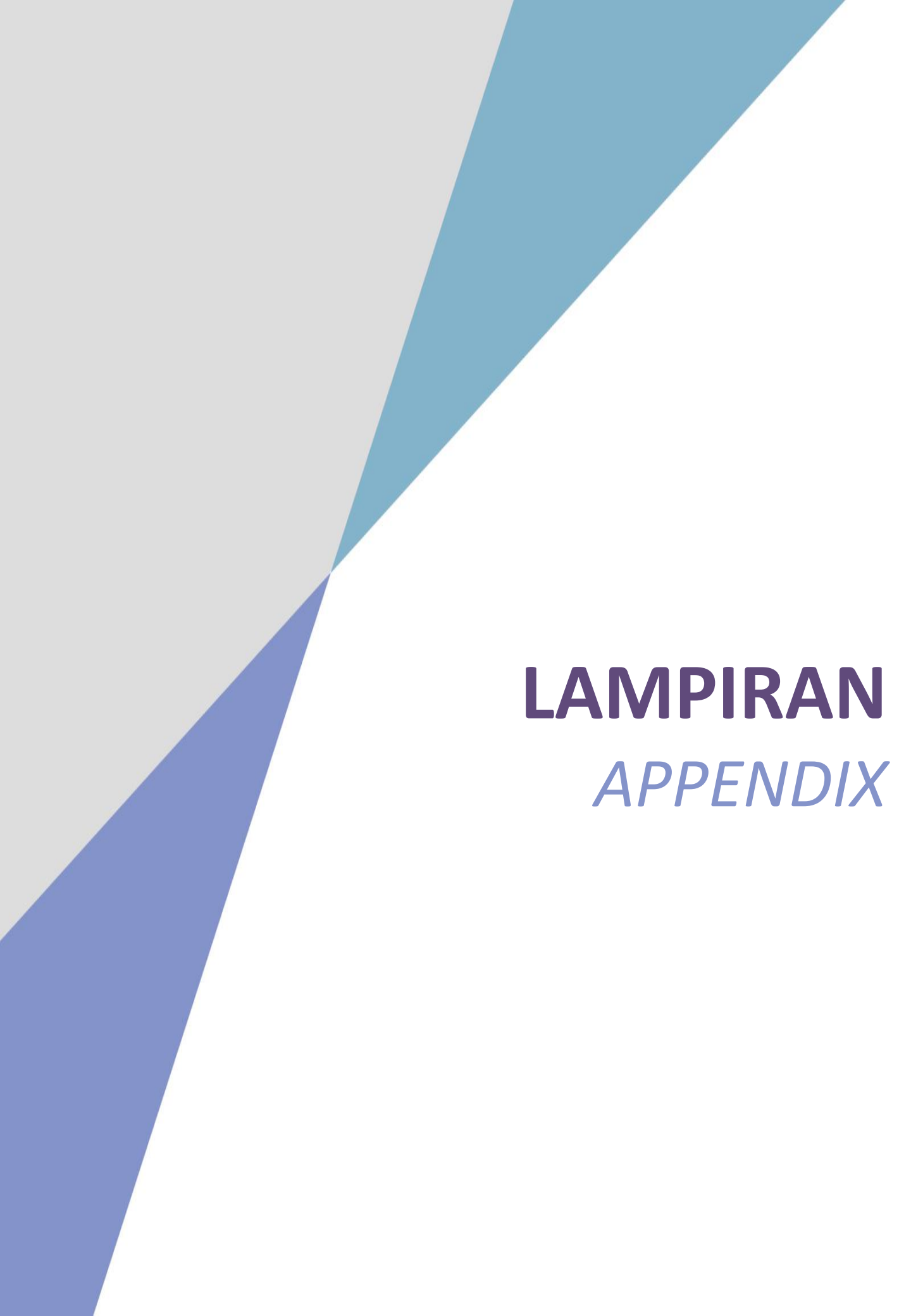
In Malaysia, most of the time series data are affected by seasonal effects. Hence, to eliminate the seasonal effect as well as to seasonally adjust the Malaysian economic time series data, a standard seasonal adjustment package, X-12 ARIMA was used by Department of Statistics, Malaysia.

Malaysian economic time series data are often affected by major religious festivals such as Eid-ul Fitr of the Muslims, Chinese New Year of the Chinese and Deepavali of the Indians. 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 external trade statistics 2021 has been used starting from the June 2022 publication for the change in volume index using Paasche index method.



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	EKSSPORT EXPORTS		WAJARAN WEIGHTS	
	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 & Barangan <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



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