



JABATAN PERDANA MENTERI
JABATAN PERANGKAAN MALAYSIA

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INDEKS PERDAGANGAN LUAR NEGERI

EXTERNAL TRADE INDICES
[2010=100]

MAC **2022**
MARCH

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA



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JABATAN PERANGKAAN MALAYSIA

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

MAC 2022
MARCH 2022

Pemakluman / Announcement:

Jabatan Perangkaan Malaysia sedang menjalankan Survei Pendapatan, Perbelanjaan Isi Rumah dan Kemudahan Asas (HIES/BA) 2022 bermula dari 1 Januari 2022 sehingga 31 Disember 2022.

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JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA

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KANDUNGAN

Contents

	Muka Surat Page
Kata Pengantar <i>Preface</i>	i - ii
Ringkasan Indeks Perdagangan Luar Negeri (IPLN) <i>Summary of External Trade Indices (ETI)</i>	iii - xvi
Carta <i>Charts</i>	
1.1 Indeks Nilai Seunit Eksport dan Import <i>Export and Import Unit Value Indices</i>	1
1.2 Peratus Perubahan Bulan ke Bulan Indeks Nilai Seunit Eksport dan Import <i>Month-on-month Percentage Change in Export and Import Unit Value Indices</i>	1
1.3 Peratus Perubahan Tahun ke Tahun Indeks Nilai Seunit Eksport dan Import <i>Year-on-year Percentage Change in Export and Import Unit Value Indices</i>	2
2.1 Indeks Volum Eksport dan Import <i>Export and Import Volume Indices</i>	2
2.2 Peratus Perubahan Bulan ke Bulan Indeks Volum Eksport dan Import <i>Month-on-month Percentage Change in Export and Import Volume Indices</i>	3
2.3 Peratus Perubahan Tahun ke Tahun Indeks Volum Eksport dan Import <i>Year-on-year Percentage Change in Export and Import Volume Indices</i>	3
3.1 Indeks Terma Perdagangan <i>Terms of Trade Index</i>	4
3.2 Peratus Perubahan Bulan ke Bulan Indeks Terma Perdagangan <i>Month-on-month Percentage Change in Terms of Trade Index</i>	4
3.3 Peratus Perubahan Tahun ke Tahun Indeks Terma Perdagangan <i>Year-on-year Percentage Change in Terms of Trade Index</i>	5
Jadual <i>Tables</i>	
1A Indeks Nilai Seunit bagi Eksport (2010=100) Mengikut Seksyen Barangan (S.I.T.C.) <i>Export Unit Value Indices (2010=100) by Commodity Sections (S.I.T.C.)</i>	6
1B Peratus Perubahan Bulan ke Bulan Indeks Nilai Seunit bagi Eksport (2010=100) Mengikut Seksyen Barangan (S.I.T.C.) <i>Month-on-month Percentage Change Export Unit Value Indices (2010=100) by Commodity Sections (S.I.T.C.)</i>	7
1C Peratus Perubahan Tahun ke Tahun Indeks Nilai Seunit bagi Eksport (2010=100) Mengikut Seksyen Barangan (S.I.T.C.) <i>Year-on-year Percentage Change Export Unit Value Indices (2010=100) by Commodity Sections (S.I.T.C.)</i>	8
2A Indeks Volum bagi Eksport (2010=100) Mengikut Seksyen Barangan (S.I.T.C.) <i>Export Volume Indices (2010=100) by Commodity Sections (S.I.T.C.)</i>	9
2B Peratus Perubahan Bulan ke Bulan Indeks Volum bagi Eksport (2010=100) Mengikut Seksyen Barangan (S.I.T.C.) <i>Month-on-month Percentage Change Export Volume Indices (2010=100) by Commodity Sections (S.I.T.C.)</i>	10

2C	Peratus Perubahan Tahun ke Tahun Indeks Volum bagi Eksport (2010=100) Mengikut Seksyen Barangan (S.I.T.C.) <i>Year-on-year Percentage Change Export Volume Indices (2010=100) by Commodity Sections (S.I.T.C.)</i>	11
3A	Indeks Nilai Seunit bagi Import (2010=100) Mengikut Seksyen Barangan (S.I.T.C.) <i>Import Unit Value Indices (2010=100) by Commodity Sections (S.I.T.C.)</i>	12
3B	Peratus Perubahan Bulan ke Bulan Indeks Nilai Seunit bagi Import (2010=100) Mengikut Seksyen Barangan (S.I.T.C.) <i>Month-on-month Percentage Change Import Unit Value Indices (2010=100) by Commodity Sections (S.I.T.C.)</i>	13
3C	Peratus Perubahan Tahun ke Tahun Indeks Nilai Seunit bagi Import (2010=100) Mengikut Seksyen Barangan (S.I.T.C.) <i>Year-on-year Percentage Change Import Unit Value Indices (2010=100) by Commodity Sections (S.I.T.C.)</i>	14
4A	Indeks Volum bagi Import (2010=100) Mengikut Seksyen Barangan (S.I.T.C.) <i>Import Volume Indices (2010=100) by Commodity Sections (S.I.T.C.)</i>	15
4B	Peratus Perubahan Bulan ke Bulan Indeks Volum bagi Import (2010=100) Mengikut Seksyen Barangan (S.I.T.C.) <i>Month-on-month Percentage Change Import Volume Indices (2010=100) by Commodity Sections (S.I.T.C.)</i>	16
4C	Peratus Perubahan Tahun ke Tahun Indeks Volum bagi Import (2010=100) Mengikut Seksyen Barangan (S.I.T.C.) <i>Year-on-year Percentage Change Import Volume Indices (2010=100) by Commodity Sections (S.I.T.C.)</i>	17
5A	Terma Perdagangan (2010=100) Mengikut Seksyen Barangan (S.I.T.C.) <i>Terms of Trade (2010=100) by Commodity Sections (S.I.T.C.)</i>	18
5B	Peratus Perubahan Bulan ke Bulan Terma Perdagangan (2010=100) Mengikut Seksyen Barangan (S.I.T.C.) <i>Month-on-month Percentage Change Terms of Trade (2010=100) by Commodity Sections (S.I.T.C.)</i>	19
5C	Peratus Perubahan Tahun ke Tahun Terma Perdagangan (2010=100) Mengikut Seksyen Barangan (S.I.T.C.) <i>Year-on-year Percentage Change Terms of Trade (2010=100) by Commodity Sections (S.I.T.C.)</i>	20
6	Indeks Volum Eksport – Asal & Pelarasan Musim (2010=100) <i>Export unit Value Indices – Actual & Seasonally Adjusted (2010=100)</i>	21
7	Indeks Volum Import – Asal & Pelarasan Musim (2010=100) <i>Import unit Value Indices – Actual & Seasonally Adjusted (2010=100)</i>	22
8	Jadual Tarikh Pengeluaran Indeks Perdagangan Luar Negeri (2010=100) Januari - Disember 2021 <i>Schedule of Release Dates for External Trade Indices (2010=100) January - December 2021</i>	23
Nota Teknikal <i>Technical Notes</i>		24-31
Apendiks <i>Apendix</i>		32

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

April 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
April 2022



RINGKASAN

SUMMARY



JABATAN PERDANA MENTERI
JABATAN PERANGKAAAN MALAYSIA



INDEKS PERDAGANGAN LUAR NEGERI, MAC 2022

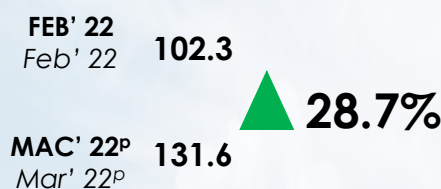
External Trade Indices, March 2022

Harga eksport kekal kukuh pada Mac 2022, mendorong pertumbuhan positif terma perdagangan 2.3 peratus

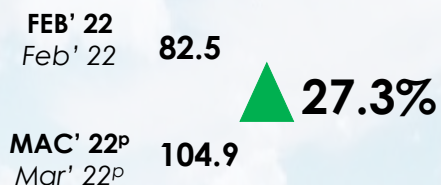
Export prices remain steady in March 2022, led terms of trade to a positive growth by 2.3 per cent

NILAI (RM BILION) Value (RM BILLION)

Eksport Exports



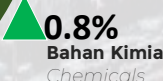
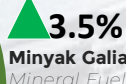
Import Imports



TERMA PERDAGANGAN Terms of Trade

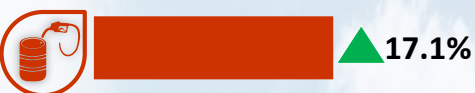
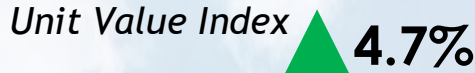


Animal & Vegetable Fats & Oils
Minyak & Lemak Binatang & Sayur-sayuran



EKSPORT Exports

Indeks Nilai Seunit Unit Value Index



Minyak Galian
Mineral Fuels

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

Alat Jentera & Kelengkapan Pengangkutan
Machinery & Transport Equipment

Indeks Volum Volume Index



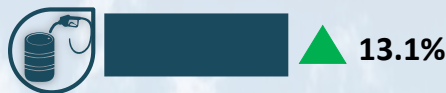
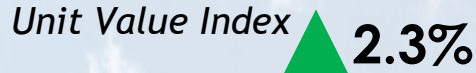
Alat Jentera & Kelengkapan Pengangkutan
Machinery & Transport Equipment
▲ 30.9%

Pelbagai Barang Keluaran Kilang
Miscellaneous Manufactured Articles
▲ 25.8%

Minyak Galian
Mineral Fuels
▲ 20.4%

IMPORT Imports

Indeks Nilai Seunit Unit Value Index



Minyak Galian
Mineral Fuels

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

Alat Jentera & Kelengkapan Pengangkutan
Machinery & Transport Equipment

Indeks Volum Volume Index



Minyak Galian
Mineral Fuels
▲ 51.1%

Barang-barang Keluaran Kilang
Manufactured Goods
▲ 24.1%

Alat Jentera & Kelengkapan Pengangkutan
Machinery & Transport Equipment
▲ 20.0%

INDEKS PERDAGANGAN LUAR NEGERI MAC 2022

PRESTASI PERDAGANGAN MALAYSIA

Jumlah perdagangan Malaysia pada Mac 2022 mencatatkan pertumbuhan 27.3 peratus, mencecah RM236.6 bilion berbanding RM185.8 bilion pada Mac 2021. Eksport meningkat 25.4 peratus kepada RM131.6 bilion pada Mac 2022. Import bernilai RM104.9 bilion meningkat 29.9 peratus tahun ke tahun. Imbangan perdagangan kekal lebihan pada RM26.7 bilion dengan kenaikan 10.3 peratus berbanding tahun lepas.

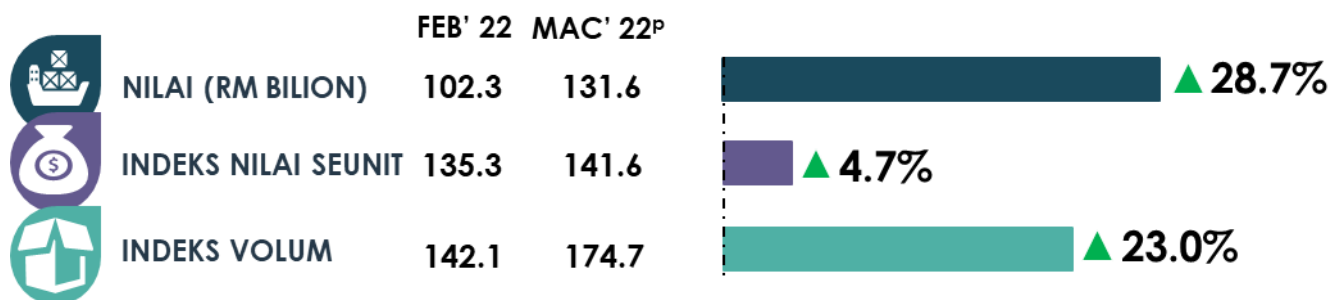
Berbanding Februari 2022, jumlah dagangan, eksport dan import masing-masing meningkat 28.1 peratus, 28.7 peratus dan 27.3 peratus. Di samping itu, lebihan dagangan turut mencatatkan pertumbuhan positif iaitu 34.8 peratus.

Prestasi jumlah dagangan, eksport, import dan lebihan dagangan bagi suku tahun pertama (ST1) 2022 kekal dengan pertumbuhan kukuh dua angka. Jumlah dagangan meningkat 23.6 peratus disokong oleh peningkatan eksport (+22.2%) dan import (+25.2%). Pada masa yang sama, lebihan dagangan mencatatkan nilai yang lebih tinggi, RM65.1 bilion.

PERBANDINGAN BULAN KE BULAN

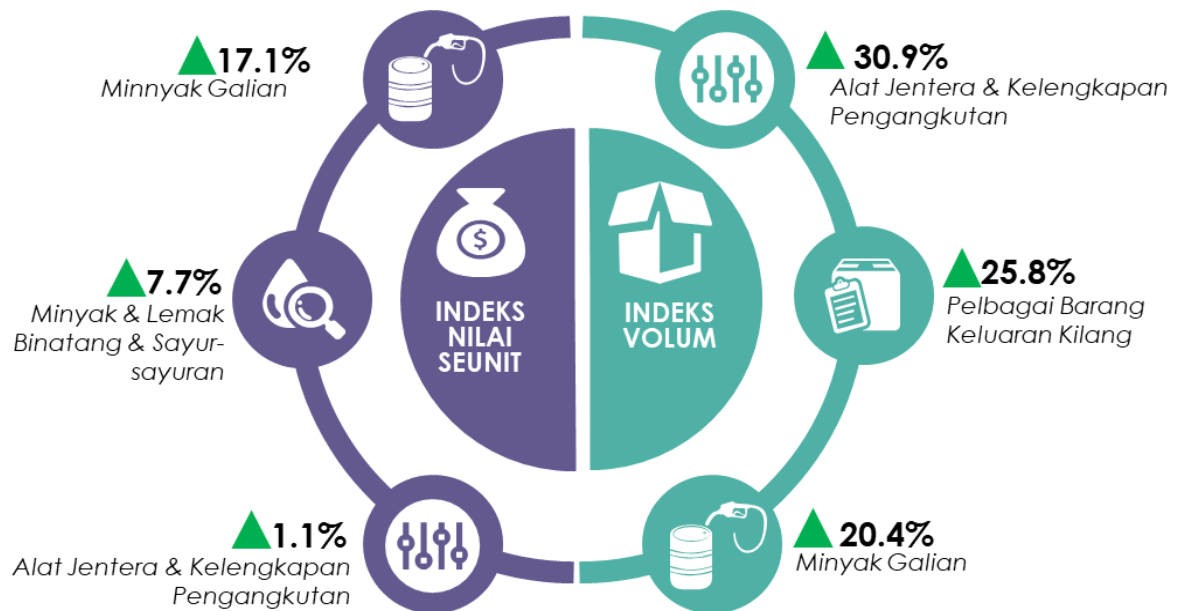
EKSPORT

Perbandingan bulan ke bulan menunjukkan indeks volum eksport meningkat 23.0 peratus pada Mac 2022, selari dengan kenaikan nilai eksport Malaysia. Trend menaik ini disumbangkan oleh kenaikan indeks alat jentera & kelengkapan pengangkutan (+30.9%), pelbagai barang keluaran kilang (+25.8%) dan minyak galian (+20.4%) (Paparan 2).

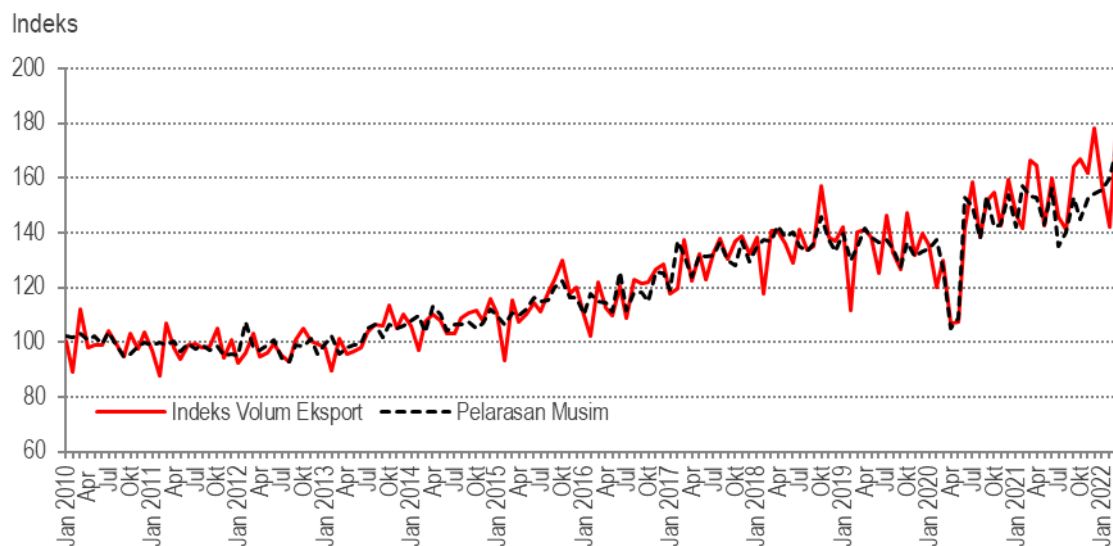


Paparan 1: Nilai Eksport (RM bilion), Indeks Nilai Seunit dan Indeks Volum

Di samping itu, **indeks nilai seunit eksport** meningkat 4.7 peratus pada Mac 2022, disumbangkan oleh kenaikan indeks minyak galian (+17.1%), minyak & lemak binatang & sayur-sayuran (+7.7%) dan alat jentera & kelengkapan pengangkutan (+1.1%) (Paparan 2). **Indeks volum eksport** pelarasan bermusim meningkat 6.3 peratus daripada 160.0 mata kepada 170.1 mata (Carta 1).



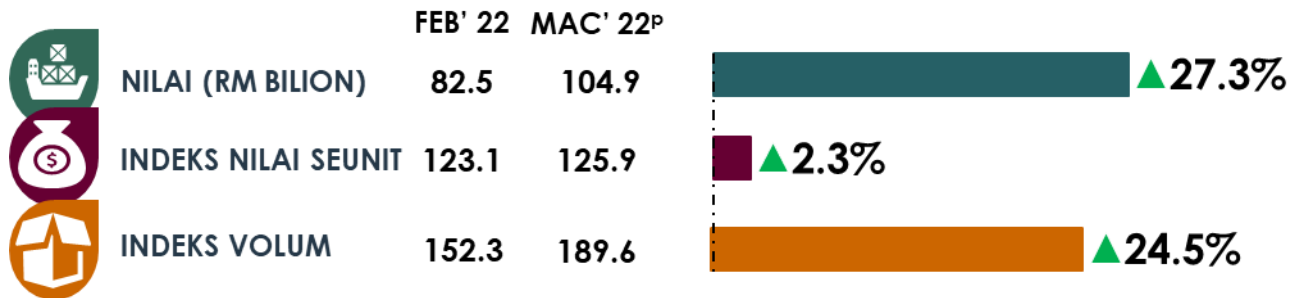
Paparan 2: Penyumbang Utama Indeks Nilai Seunit dan Indeks Volum Eksport



Carta 1: Indeks Volum Eksport - Asal & Pelarasan Musim

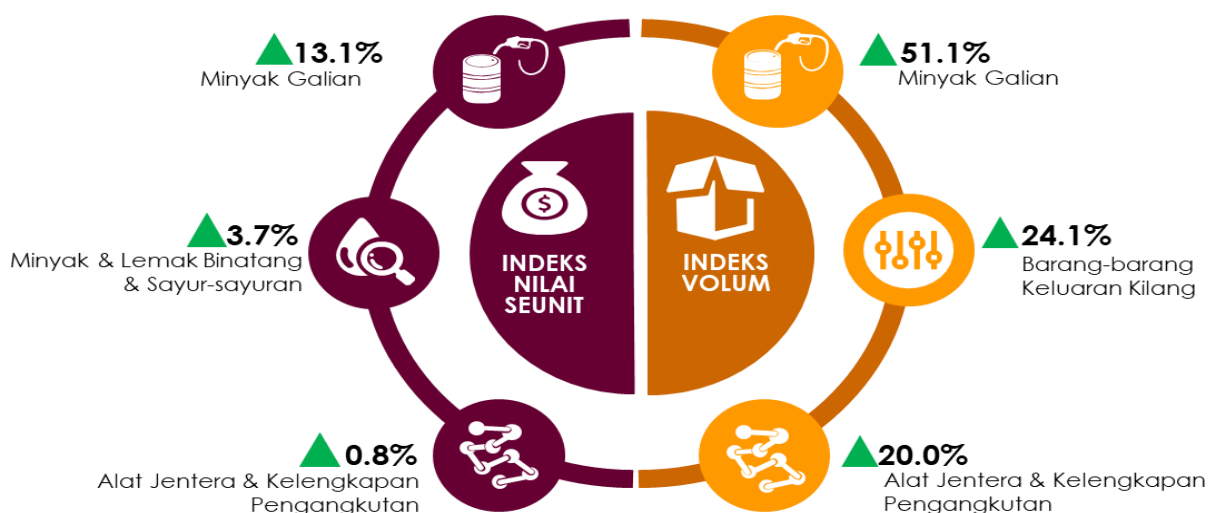
IMPORT

Indeks volum import meningkat 24.5 peratus pada Mac 2022 (Paparan 3). Trend menaik ini selari dengan peningkatan nilai import Malaysia, disumbangkan oleh kenaikan indeks minyak galian (+51.1%), barang-barang keluaran kilang (+24.1%) dan alat jentera & kelengkapan pengangkutan (+20.0%) (Paparan 4).

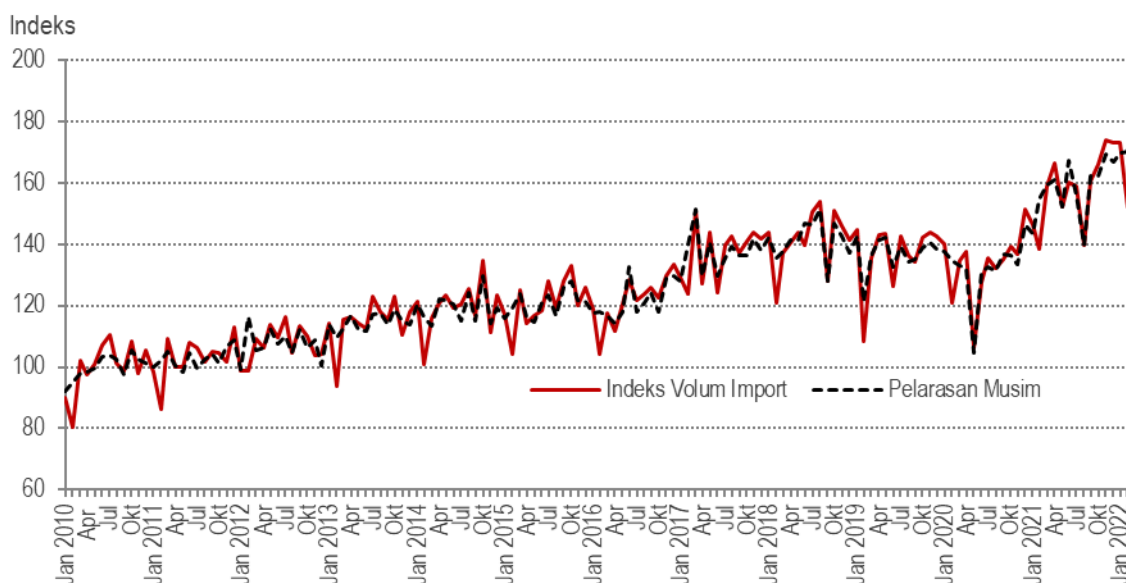


Paparan 3: Nilai Import (RM bilion), Indeks Nilai Seunit dan Indeks Volum

Sementara itu, **indeks nilai seunit import** meningkat 2.3 peratus pada Mac 2022 berbanding bulan sebelum. Peningkatan ini disumbangkan oleh kenaikan indeks minyak galian (+13.1%), minyak & lemak binatang & sayur-sayuran (+3.7%) dan alat jentera & kelengkapan pengangkutan (+0.8%). **Indeks volum import** pelarasan bermusim pada Mac 2022 meningkat 11.6 peratus daripada 170.2 mata kepada 189.9 mata.



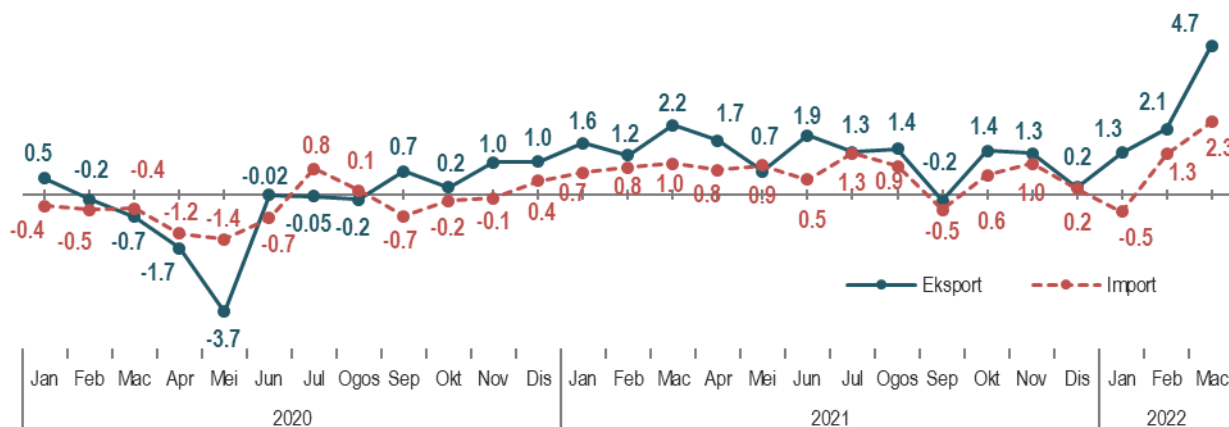
Paparan 4: Penyumbang Utama Indeks Nilai Seunit dan Indeks Volum Import



Carta 2: Indeks Volum Import - Asal & Pelarasan Musim

SIRI MASA INDEKS NILAI SEUNIT EKSPORT & IMPORT

Perbandingan bulan ke bulan menunjukkan **indeks nilai seunit eksport dan import** mengekalkan pertumbuhan positif pada Mac 2022. **Indeks nilai seunit eksport** mencatatkan pertumbuhan positif bagi bulan keenam berturut-turut sejak Oktober 2021 manakala **indeks nilai seunit import** merekodkan trend positif untuk bulan kedua berturut-turut.

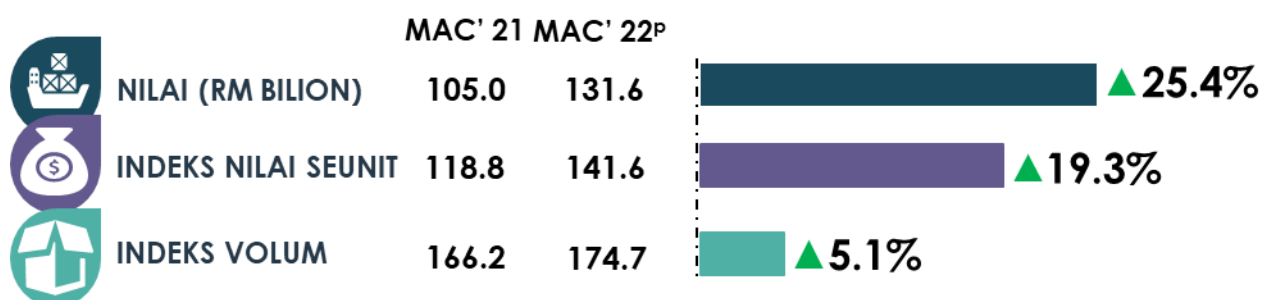


Carta 3: Peratus Perubahan Bulan ke Bulan bagi Indeks Nilai Seunit Eksport & Import Januari 2020 – Mac 2022

PERBANDINGAN TAHUN KE TAHUN

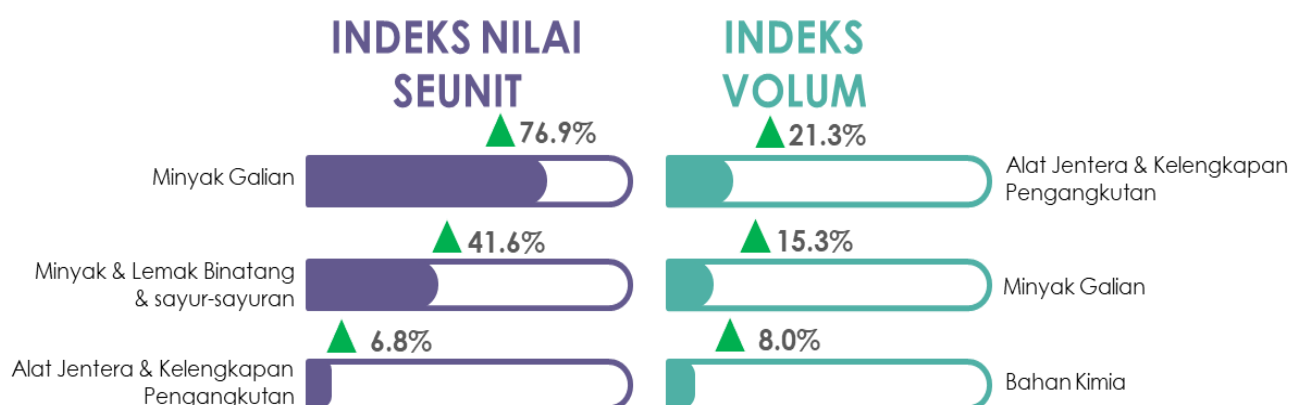
EKSPORT

Indeks nilai seunit eksport terus berkembang pada Mac 2022, meningkat 19.3 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 (+76.9%), minyak & lemak binatang & sayur-sayuran (+41.6%) dan alat jentera & kelengkapan pengangkutan (+6.8%).



Paparan 5: Nilai Eksport (RM bilion), Indeks Nilai Seunit dan Indeks Volum

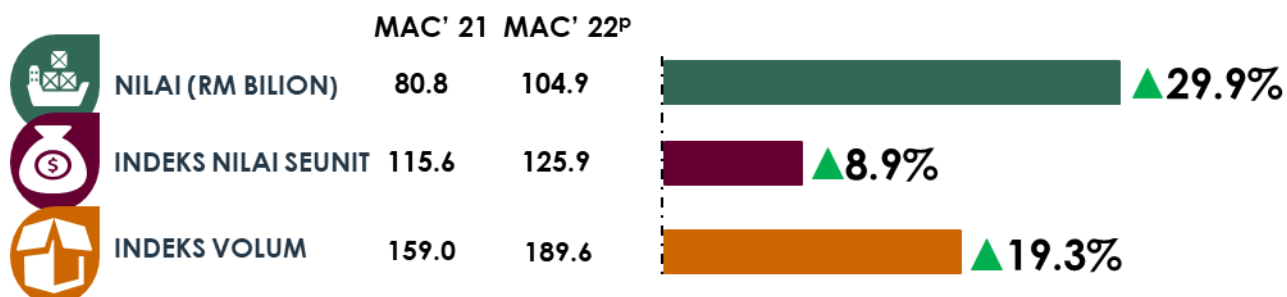
Sementara itu, **indeks volum eksport** turut meningkat 5.1 peratus pada Mac 2022. Peningkatan ini disumbangkan oleh pertumbuhan indeks alat jentera & kelengkapan pengangkutan (+21.3%), minyak galian (+15.3%) dan bahan kimia (+8.0%).



Paparan 6: Penyumbang Utama Indeks Nilai Seunit dan Indeks Volum Eksport

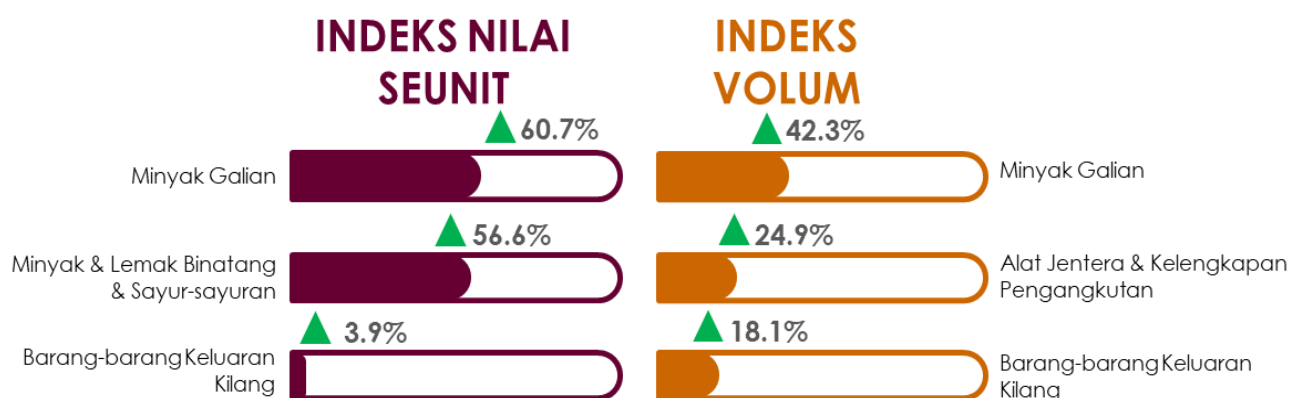
IMPORT

Indeks volum import meningkat 19.3 peratus pada Mac 2022 berbanding bulan yang sama tahun lalu kepada 189.6 mata, selari dengan pertumbuhan nilai import. Pertumbuhan **indeks volum import** didorong oleh kenaikan indeks minyak galian (+42.3%), alat jentera & kelengkapan pengangkutan (+24.9%) dan barang-barang keluaran kilang (+18.1%).



Paparan 7: Nilai Import (RM bilion), Indeks Nilai Seunit dan Indeks Volum

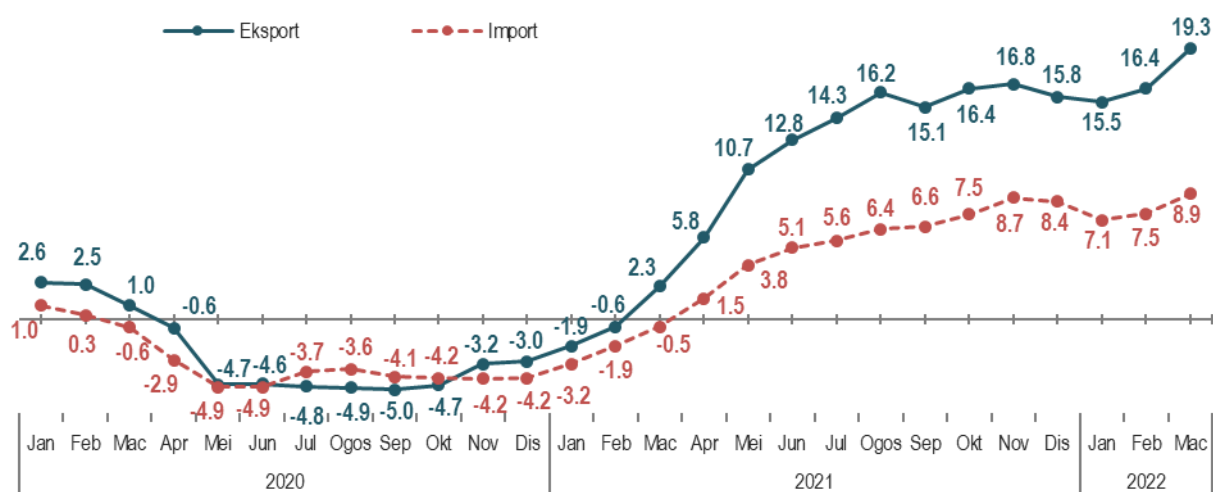
Sementara itu, **indeks nilai seunit import** turut berkembang 8.9 peratus kepada 125.9 mata pada Mac 2022 berbanding bulan yang sama tahun sebelumnya. Peningkatan ini disumbangkan oleh kenaikan indeks minyak galian (+60.7%), minyak & lemak binatang & sayur-sayuran (+56.6%) dan barang-barang keluaran kilang (+3.9%).



Paparan 8: Penyumbang Utama Indeks Nilai Seunit dan Indeks Volum Import

SIRI MASA INDEKS NILAI SEUNIT EKSPORT & IMPORT

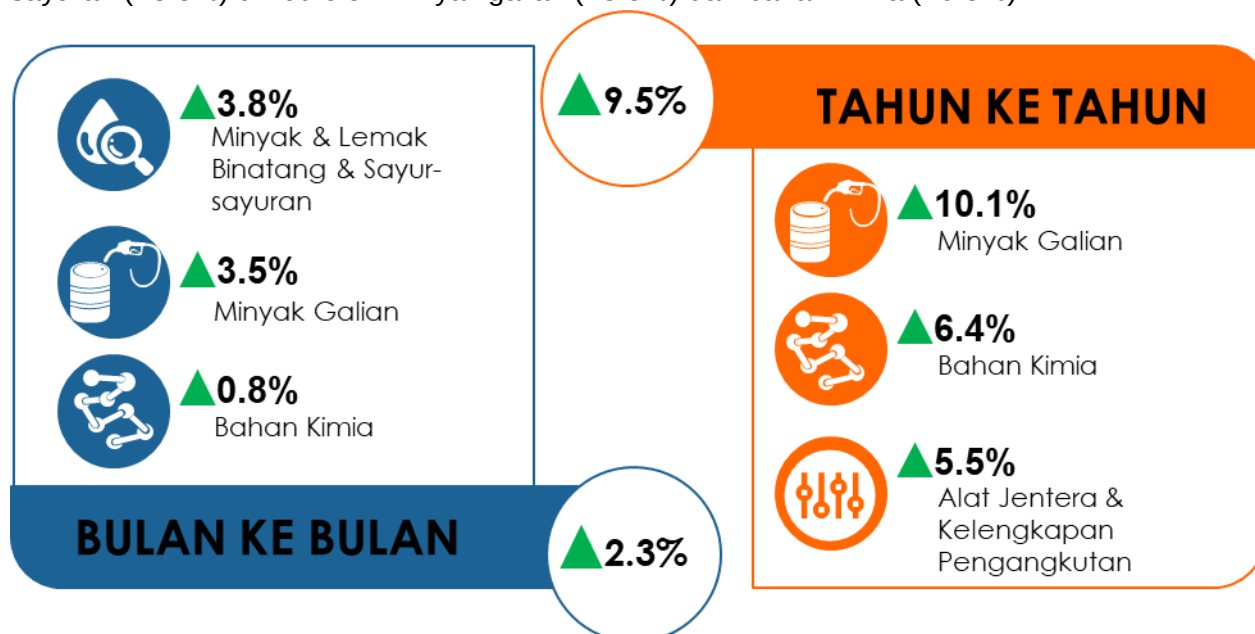
Kedua-dua **indeks nilai seunit eksport** dan **import** meningkat tahun ke tahun pada Mac 2022. Pertumbuhan **indeks nilai seunit eksport** kekal positif sejak Mac 2021, manakala **indeks nilai seunit import** mencatatkan trend yang sama sejak April 2021.



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

TERMA PERDAGANGAN

Terma perdagangan Malaysia meningkat 2.3 peratus bulan ke bulan kepada 112.5 mata pada Mac 2022. Pertumbuhan ini didorong oleh kenaikan indeks minyak & lemak binatang & sayur-sayuran (+3.8%) diikuti oleh minyak galian (+3.5%) dan bahan kimia (+0.8%).

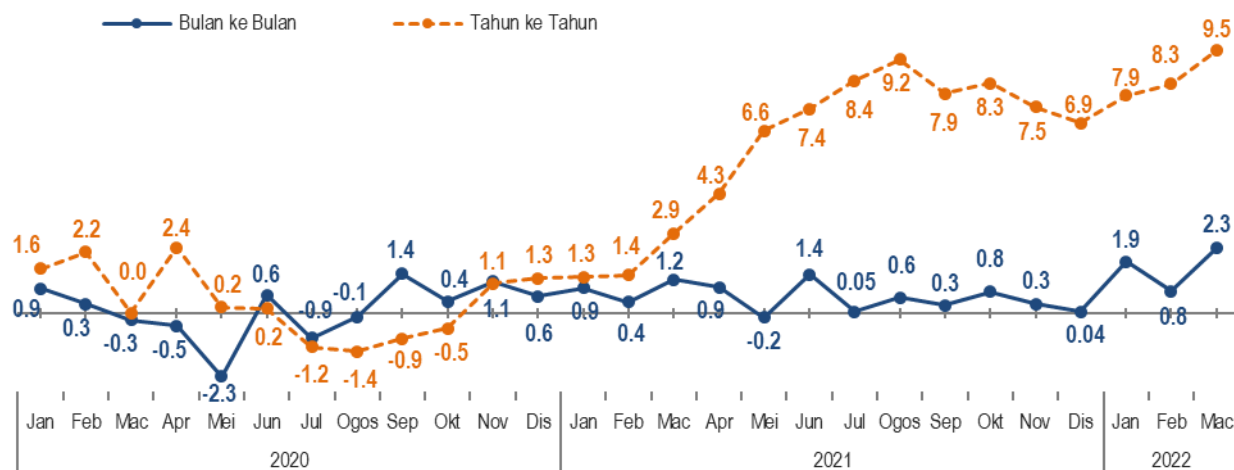


Paparan 9: Penyumbang Utama Terma Perdagangan Mengikut Bulan ke Bulan dan Tahun ke Tahun

Berasaskan tahun ke tahun, prestasi **terma perdagangan** Malaysia kekal positif 9.5 peratus daripada 102.8 mata pada Mac tahun lalu. Peningkatan ini disumbangkan oleh kenaikan indeks minyak galian (+10.1%), bahan kimia (+6.4%) dan alat jentera & kelengkapan pengangkutan (+5.5%) (Paparan 9).

SIRI MASA TERMA PERDAGANGAN

Pertumbuhan **terma perdagangan** Malaysia menunjukkan trend positif pada Mac 2022, berasaskan prestasi bulan ke bulan. Prestasi tahun ke tahun **terma perdagangan** turut mengekalkan pertumbuhan positif sejak November 2020.



Carta 5: Terma Perdagangan, Januari 2020 – Mac 2022

EXTERNAL TRADE INDICES

MARCH 2022

MALAYSIA'S TRADE PERFORMANCE

Malaysia's total trade in March 2022 increased by 27.3 per cent, reaching RM236.6 billion as compared to RM185.8 billion in March 2021. Exports increased by 25.4 per cent to RM131.6 billion in March 2022. Imports amounted at RM104.9 billion, rose by 29.9 per cent year-on-year (y-o-y). The trade balance remained in surplus at RM26.7 billion with an increase of 10.3 per cent compared with last year.

In comparison to February 2022, total trade, exports and imports increased by 28.1 per cent, 28.7 per cent and 27.3 per cent, respectively. The trade surplus also recorded a positive growth of 34.8 per cent.

The performance of 2022's first Quarter (Q1) for total trade, exports, imports and trade surplus remained resilient with double-digit growth. The total trade went up by 23.6 per cent supported by the expansion in exports (+22.2%) as well as imports (+25.2%). Consequently, trade surplus recorded a higher value of RM65.1 billion.

MONTH-ON-MONTH COMPARISON

EXPORTS

A month-on-month (m-o-m) comparison showed the **export volume index** rose 23.0 per cent in March 2022, in line with the increase in Malaysia's export value. The upward trend was contributed by the improvement in the index of machinery & transport equipment (+30.9%), miscellaneous manufactured articles (+25.8%) and mineral fuels (+20.4%) (Exhibit 2).

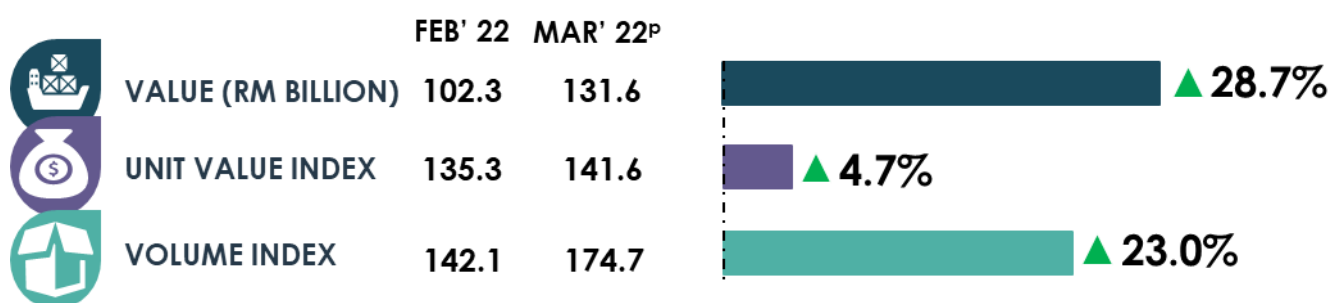


Exhibit 1: Export Value (RM billion), Unit Value Index and Volume Index

On the same note, the **export unit value index** increased by 4.7 per cent in March 2022, which was supported by the increases in the index of mineral fuels (+17.1%), animal & vegetable oils & fats (+7.7%) and machinery & transport equipment (+1.1%) (Exhibit 2). The seasonally adjusted **export volume index** grew 6.3 per cent from 160.0 points to 170.1 points (Chart 1).

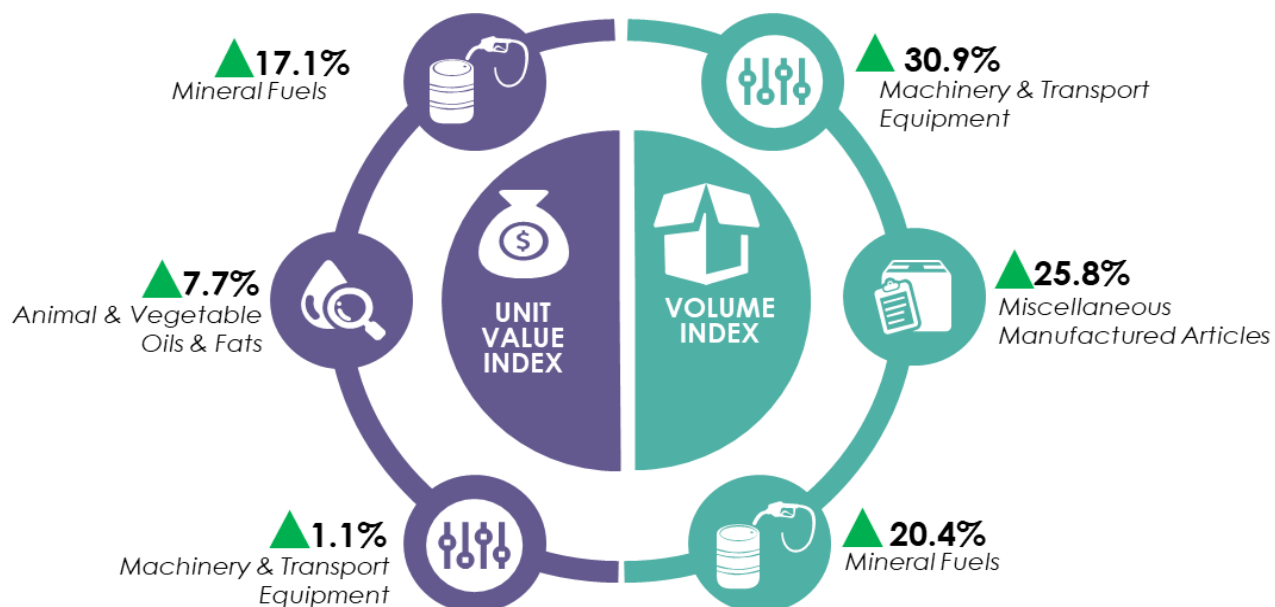


Exhibit 2: Main Contributors of Export Unit Value and Volume Indices

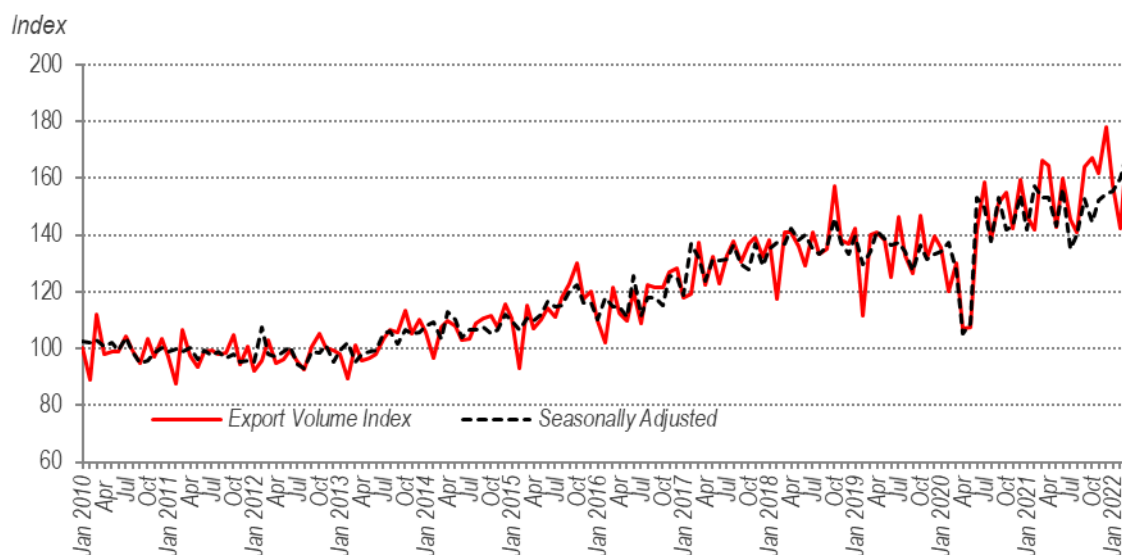


Chart 1: Export Volume Indices - Actual & Seasonally Adjusted

IMPORTS

The **import volume index** grew 24.5 per cent in March 2022 (Exhibit 3). The positive trend was in accordance with the rise in Malaysia's import value, attributed to the increase in the index of mineral fuels (+51.1%), manufactured goods (+24.1%) and machinery & transport equipment (+20.0%) (Exhibit 4).

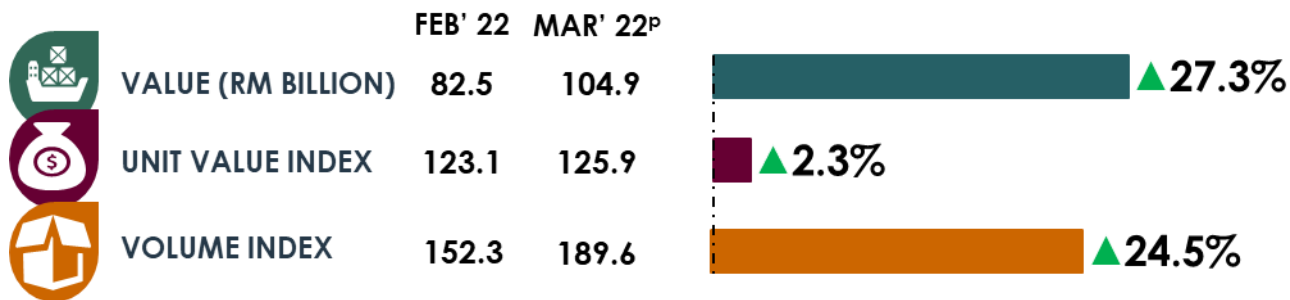


Exhibit 3: Import Value (RM billion), Unit Value Index and Volume Index

Besides that, the **import unit value index** also increased by 2.3 per cent in March 2022 as compared to the preceding month. The increment was attributed to the rises in the index of mineral fuels (+13.1%), animal & vegetable oils & fats (+3.7%) and machinery & transport equipment (+0.8%). The seasonally adjusted **import volume index** in March 2022 grew 11.6 per cent from 170.2 points to 189.9 points.

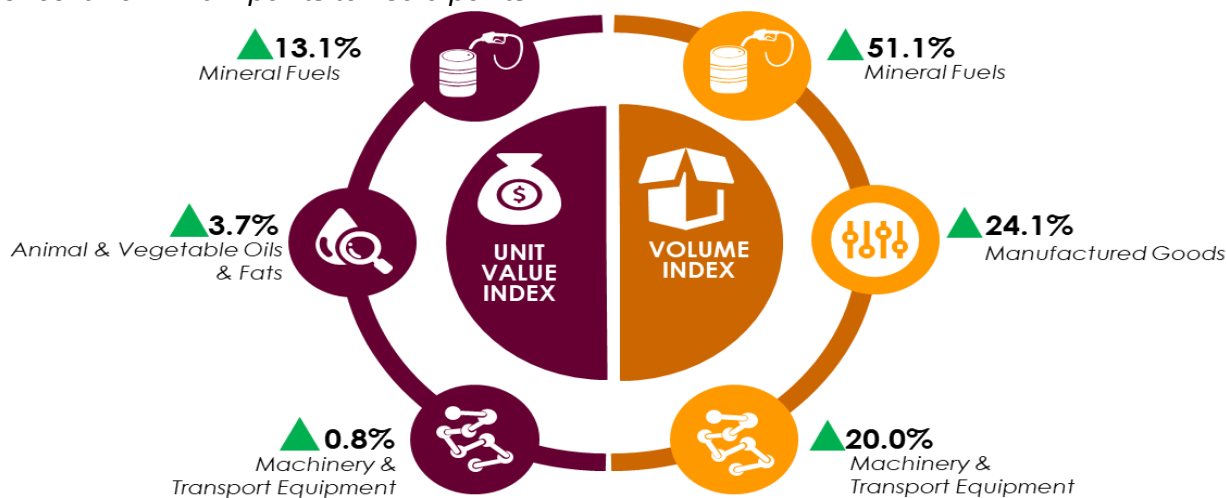


Exhibit 4: Main Contributors of Import Unit Value and Volume Indices

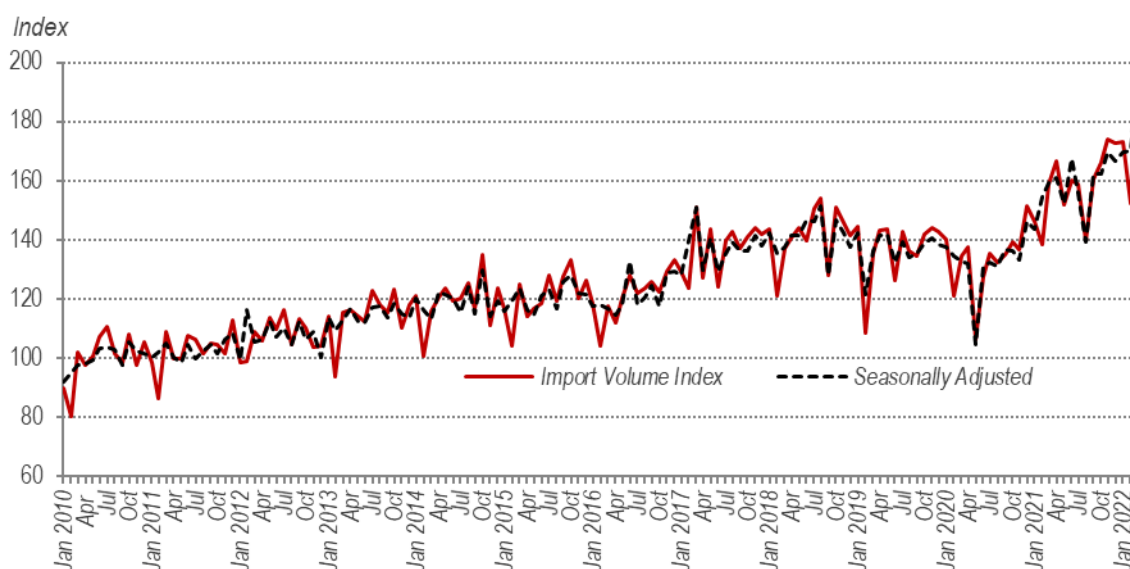
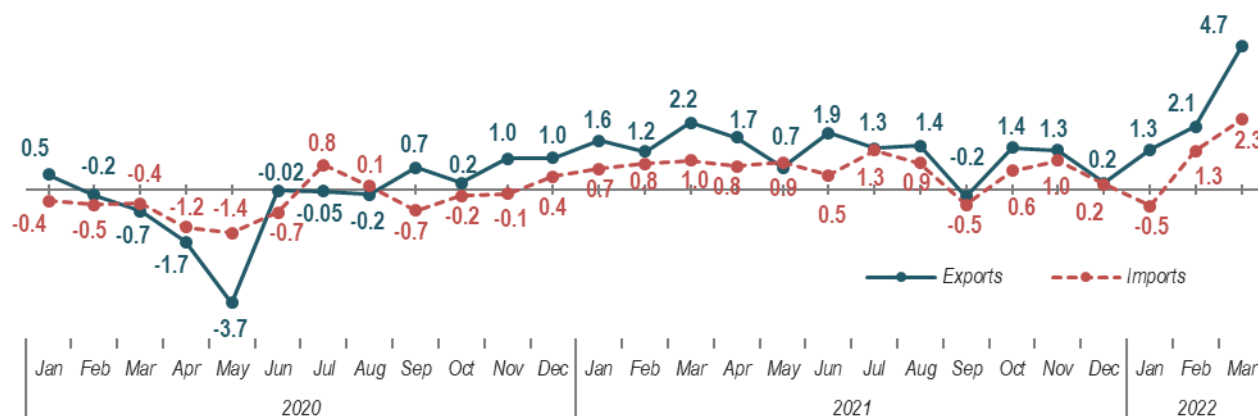


Chart 2: Import Volume Indices - Actual & Seasonally Adjusted

TIME-SERIES OF EXPORT & IMPORT UNIT VALUE INDICES

On a monthly basis, **export and import unit value index** sustained positive growth for March 2022. **Export unit value index** recorded positive trend for six consecutive months since October 2021 while **import unit value index** remained positive from February 2022.



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

YEAR-ON-YEAR COMPARISON

EXPORTS

The **export unit value index** continued to expand in March 2022, registering 19.3 per cent increase y-o-y. The expansion was in line with the increase of Malaysia's export value as compared to the corresponding month of the preceding year. The increment of **export unit value index** was attributed to the rises in the index of mineral fuels (+76.9%), animal & vegetable oils & fats (+41.6%) and machinery & transport equipment (+6.8%).

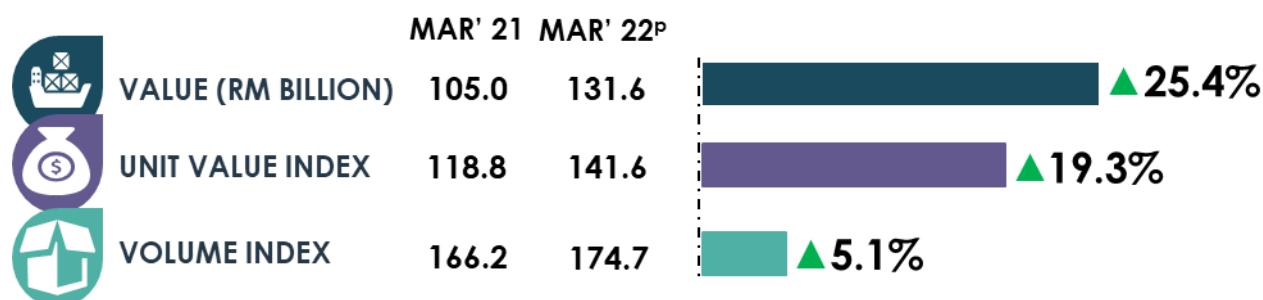


Exhibit 5: Export Value (RM billion), Unit Value Index and Volume Index

Likewise, the **export volume index** increased by 5.1 per cent in March 2022. The increment was contributed by the growths in the index of machinery & transport equipment (+21.3%), mineral fuels (+15.3%) and chemicals (+8.0%).

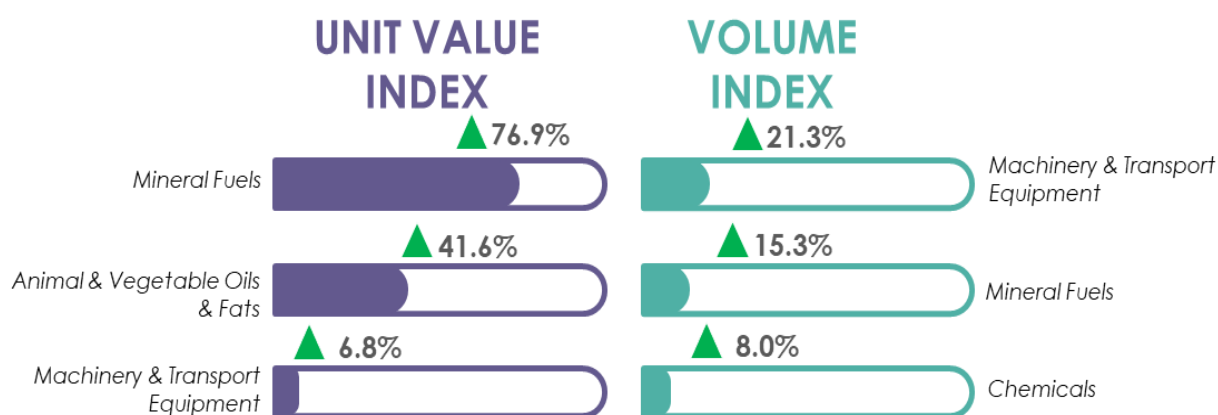


Exhibit 6: Main Contributors of Export Unit Value and Volume Indices

IMPORTS

The **import volume index** rose by 19.3 per cent in March 2022 compared with the same month of the previous year to 189.6 points, which was in accordance with the growth in the import value. The rise in the **import volume index** was driven by the expansions in the index of mineral fuels (+42.3%), machinery & transport equipment (+24.9%) and manufactured goods (+18.1%).

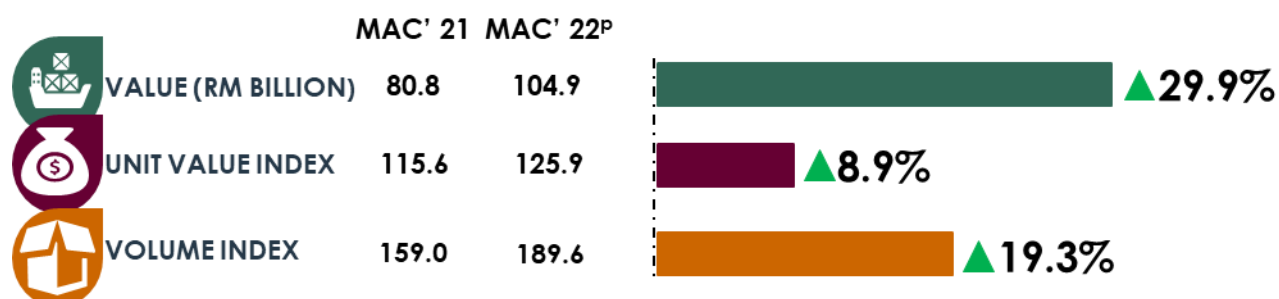


Exhibit 7: Import Value (RM billion), Unit Value Index and Volume Index

Similarly, the **import unit value index** also expanded by 8.9 per cent to 125.9 points in March 2022 as compared to the same month of the previous year. The growth was contributed by the increases in the index of mineral fuels (+60.7%), animal & vegetable oils & fats (+56.6%) and manufactured goods (+3.9%).

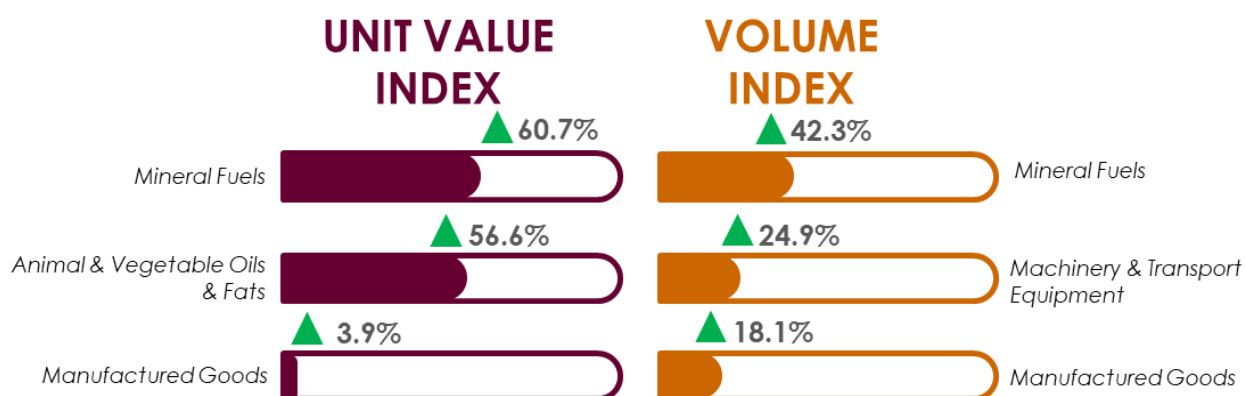


Exhibit 8: Main Contributors of Import Unit Value and Volume Indices

TIME-SERIES OF EXPORT & IMPORT UNIT VALUE INDICES

Both the **export** and **import unit value indices** increased y-o-y in March 2022. The growth in **export unit value index** remained positive since March 2021, while **import unit value index** showed the similar trend since April 2021.

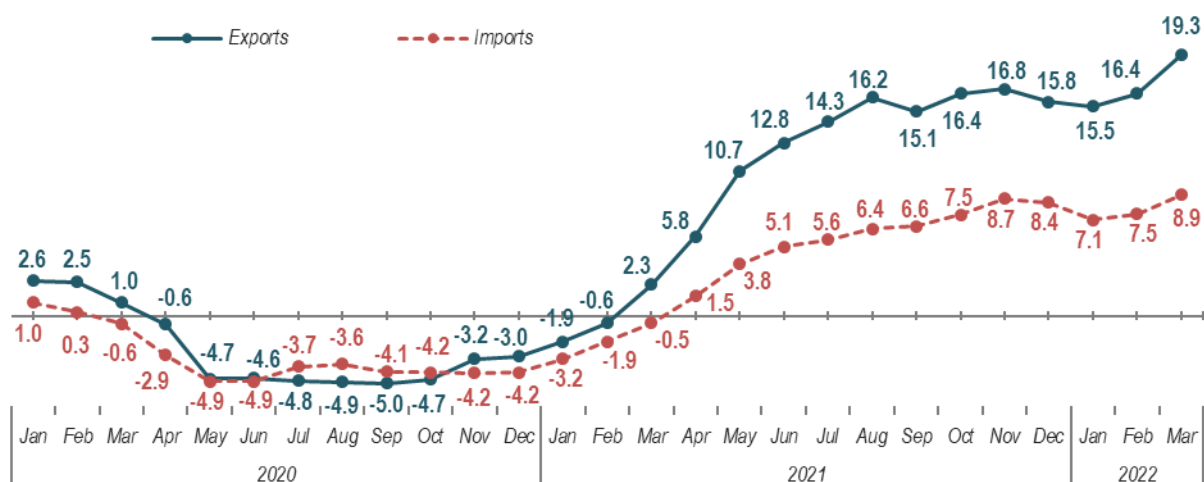


Chart 4: Year-on-Year Percentage Change of Export & Import Unit Value Indices
January 2020 – March 2022

TERMS OF TRADE

Malaysia's **terms of trade** increased by 2.3 per cent m-o-m to 112.5 points in March 2022. The growth was attributed to the rises in the index of animal & vegetable oils & fats (+3.8%) followed by mineral fuels (+3.5%) and chemicals (+0.8%).

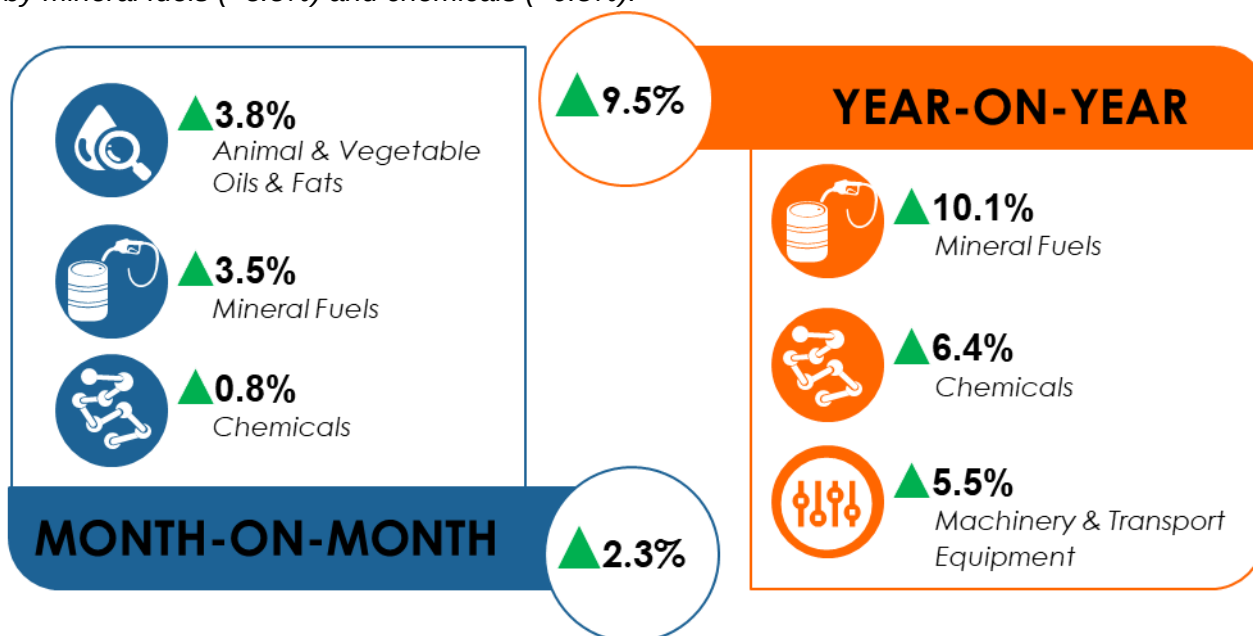


Exhibit 9: Main Contributors of Terms of Trade based Month-on-Month and Year-on-Year

On a y-o-y basis, Malaysia's **terms of trade** performance remained positive at 9.5 per cent from 102.8 points in March of previous year. This was driven by the rises in the index of mineral fuels (+10.1%), chemicals (+6.4%) and machinery & transport equipment (+5.5%) (Exhibit 9).

TIME-SERIES OF TERMS OF TRADE

Malaysia's growth of **terms of trade** displayed a positive trend in March 2022, based on m-o-m performance. Similarly, y-o-y performance of **terms of trade** sustained the positive growth since November 2020.

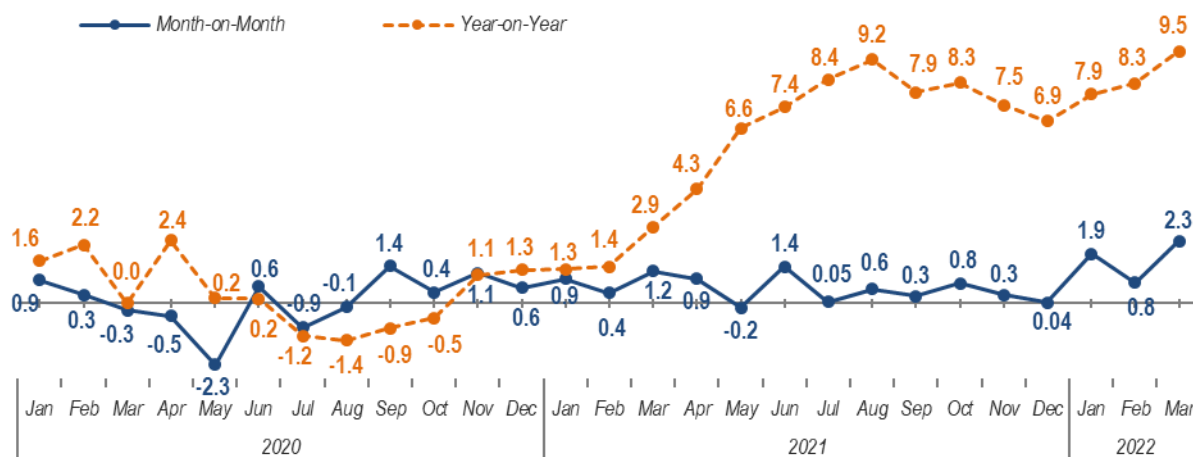
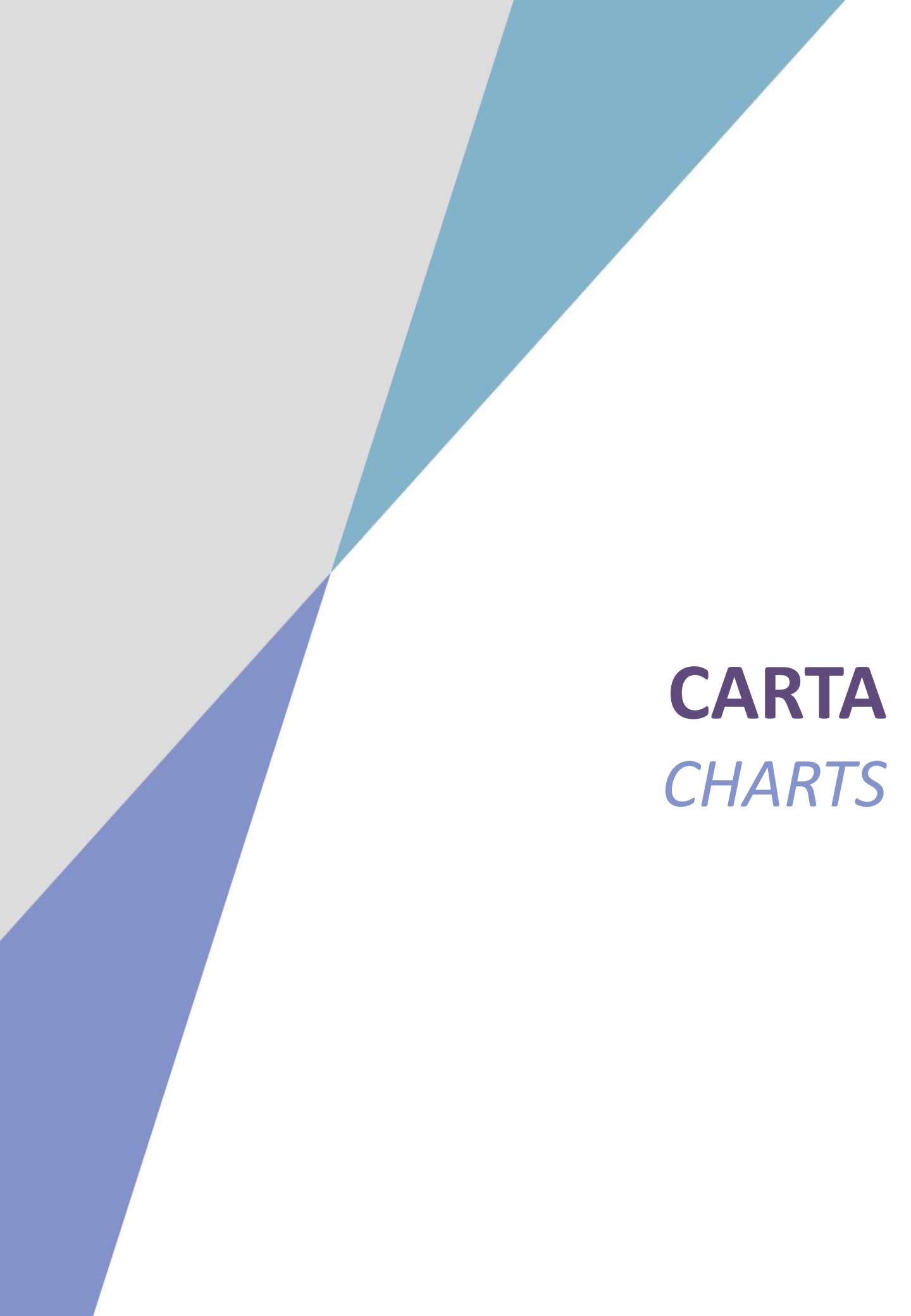
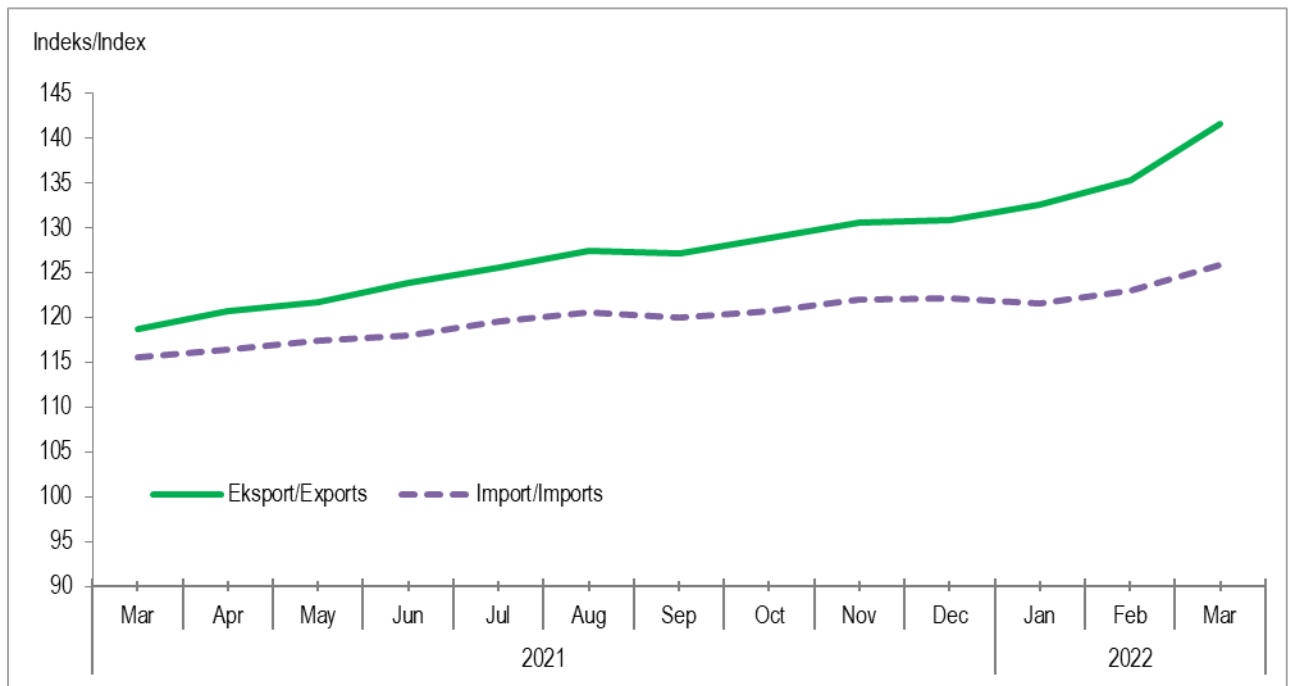


Chart 5: Terms of Trade, January 2020 – March 2022

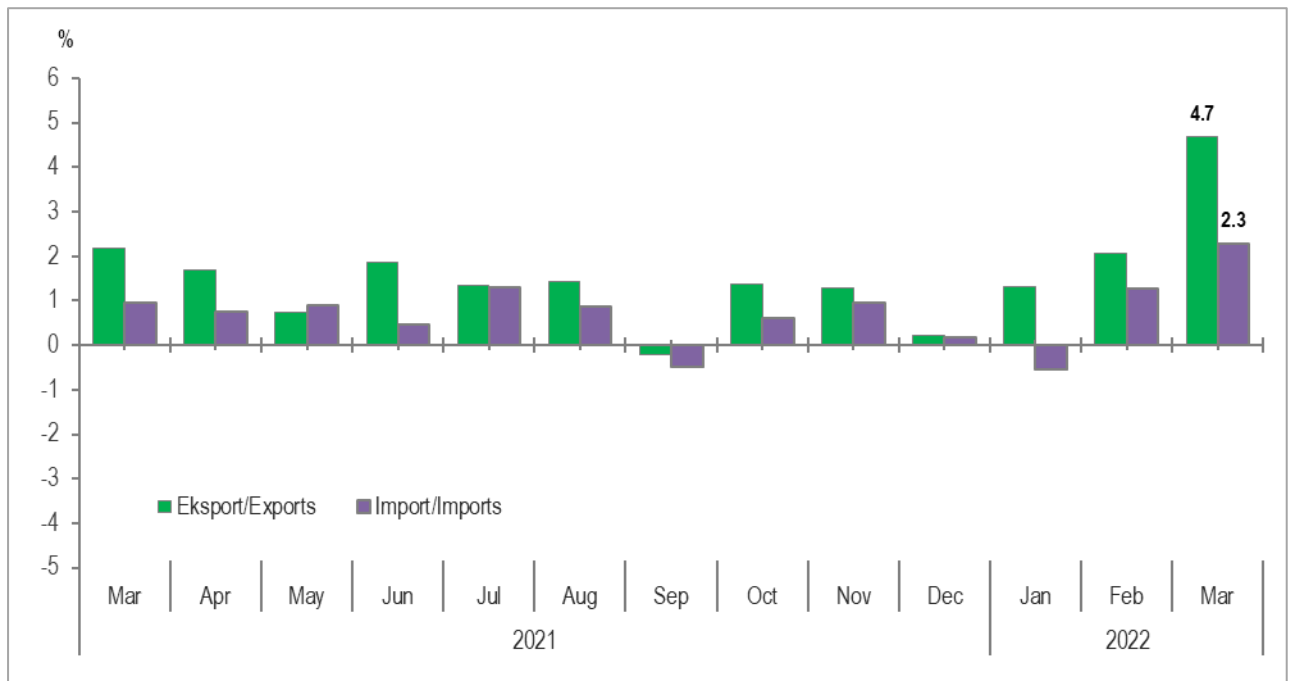


CARTA *CHARTS*

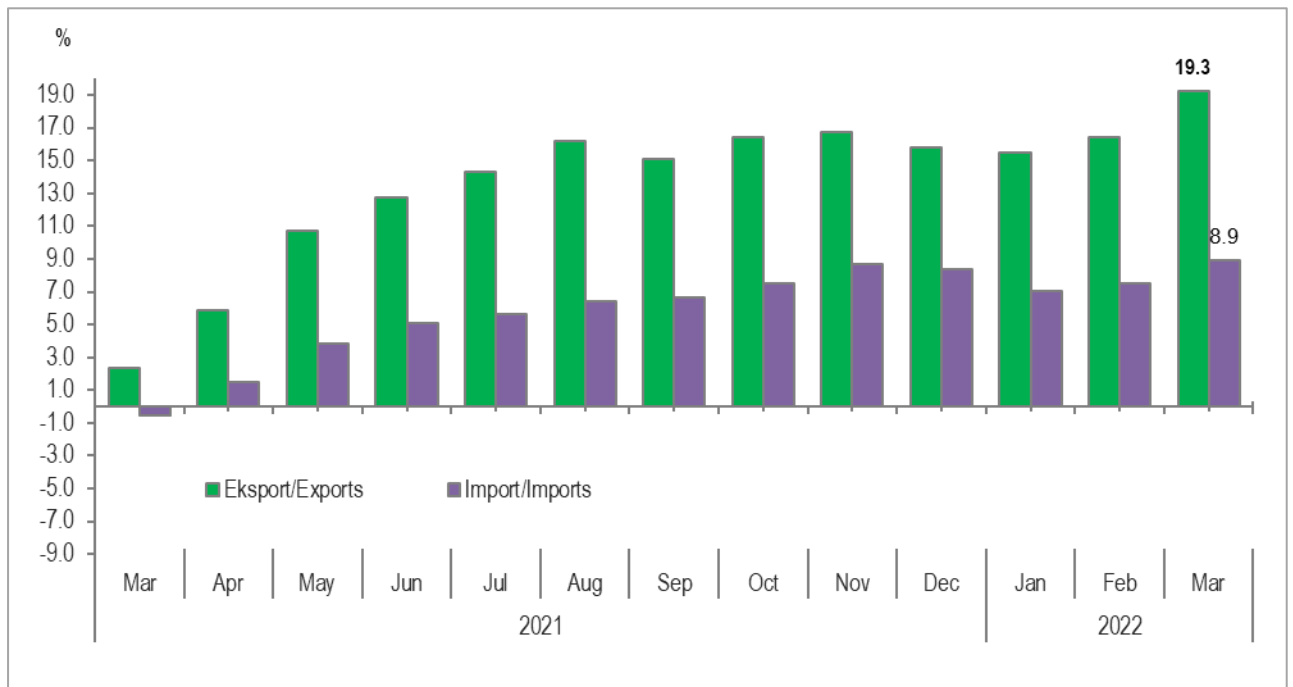
Carta 1.1: Indeks Nilai Seunit Eksport dan Import
 Chart 1.1: Export and Import Unit Value Index



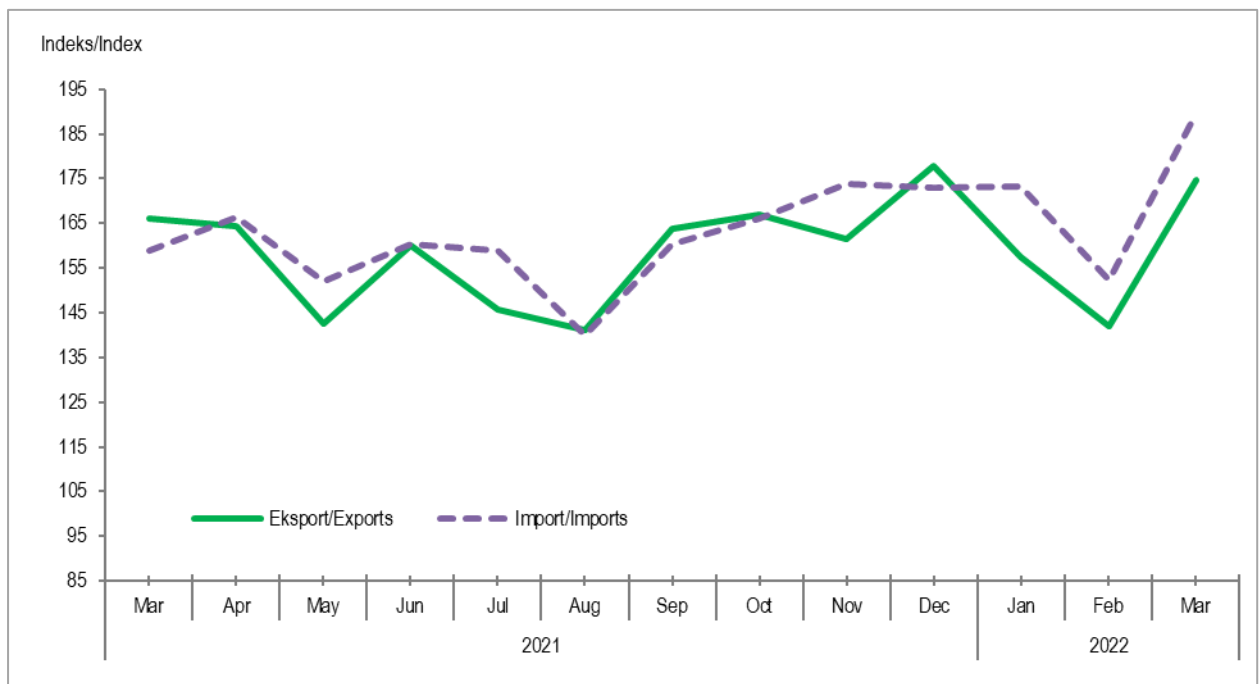
Carta 1.2: Peratus Perubahan Bulan ke Bulan Eksport dan Import Indeks Nilai seunit
 Chart 1.2: Month-on-Month Percentage Change in Export and Import Unit Value Index



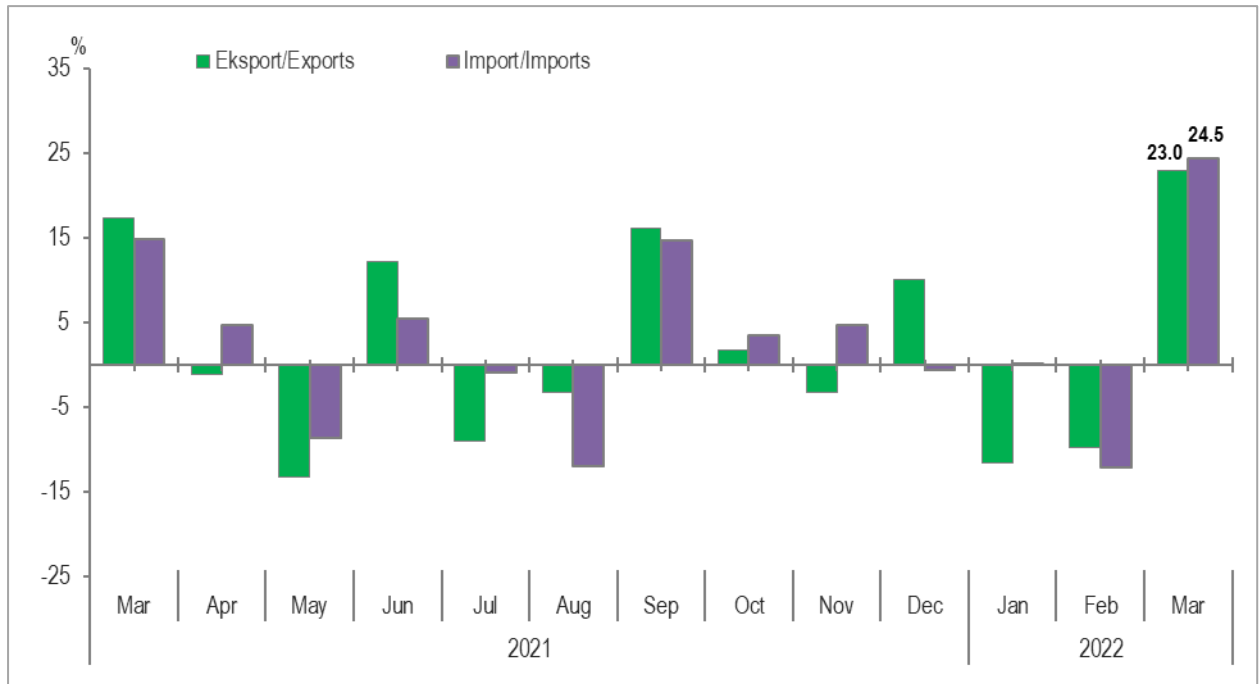
Carta 1.3: Peratus Perubahan Tahun Ke Tahun Indeks Nilai Seunit Eksport dan Import
 Chart 1.3: Year-on-Year Percentage Change in Export and Import Unit Value Index



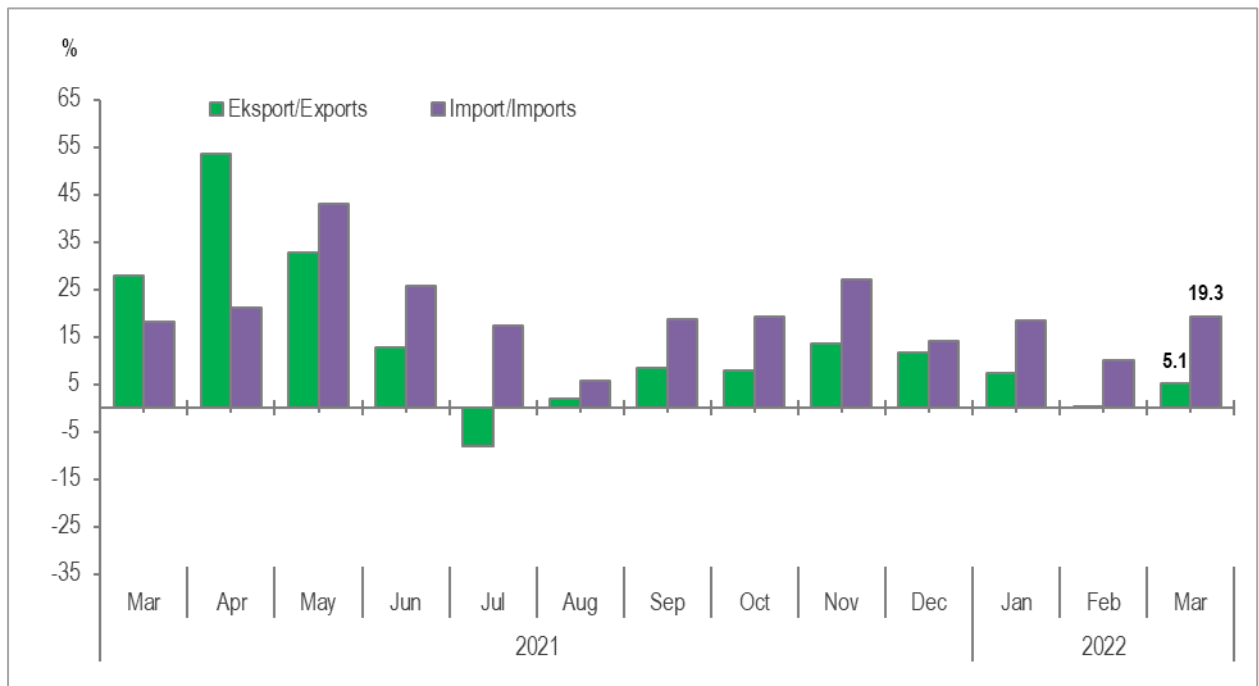
Carta 2.1: Indeks Volum Eksport dan Import
 Chart 2.1: Export and Import Volume Indices



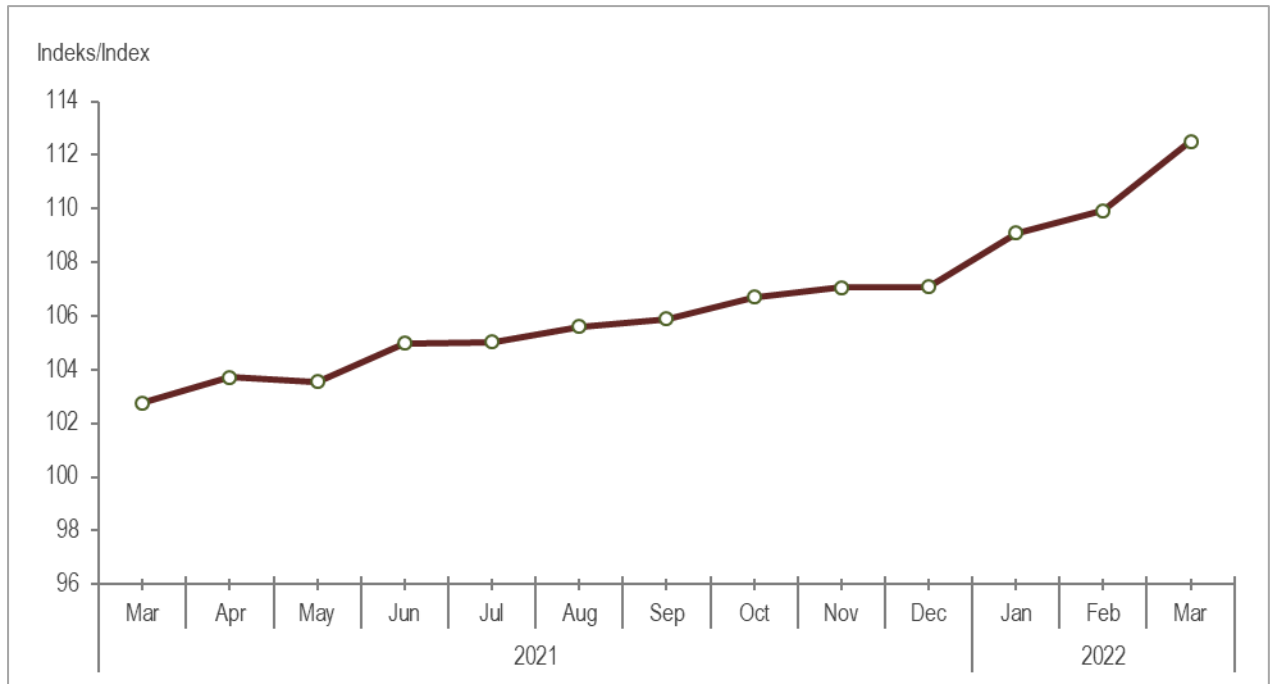
Carta 2.2: Peratus Perubahan Bulan ke Bulan Indeks Volum Eksport dan Import
 Chart 2.2: Month-on-Month Percentage Change Export and Import Volume Index



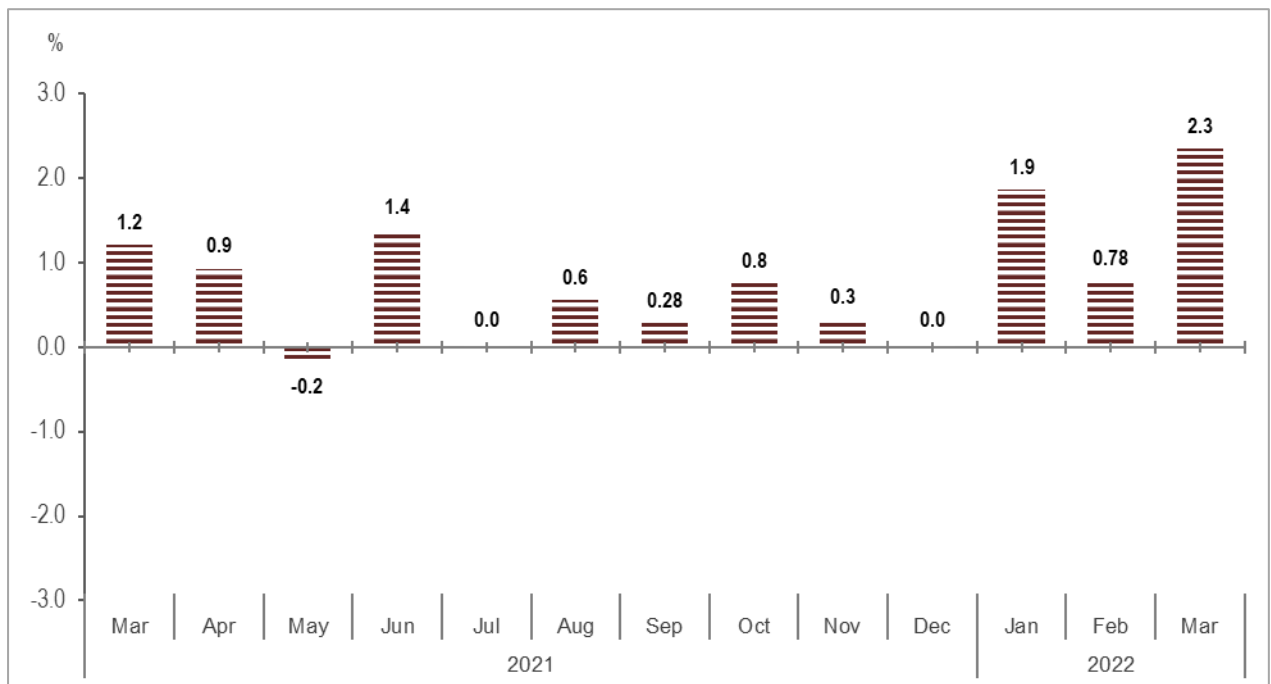
Carta 2.3: Peratus Perubahan Tahun ke Tahun Indeks Volum Eksport dan Import
 Chart 2.3: Year-on-Year Percentage Change in Export and Import Volume Index



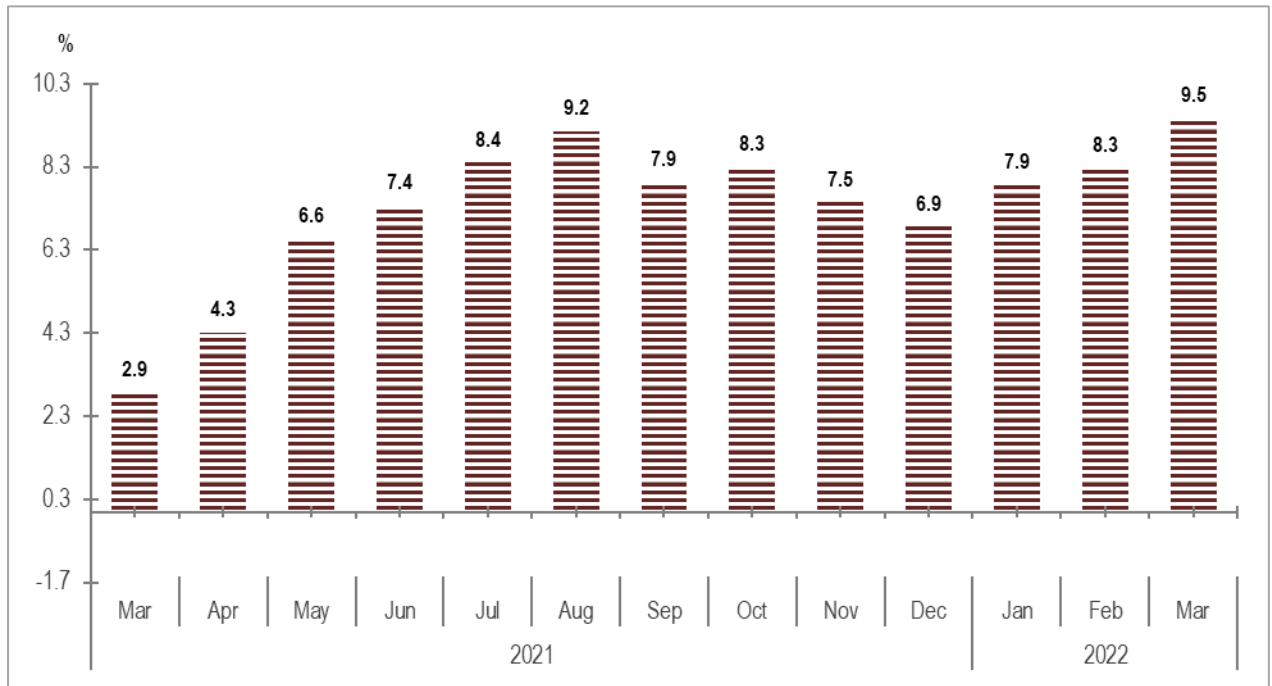
Carta 3.1: Indeks Terma Perdagangan
Chart 3.1: Terms of Trade Index

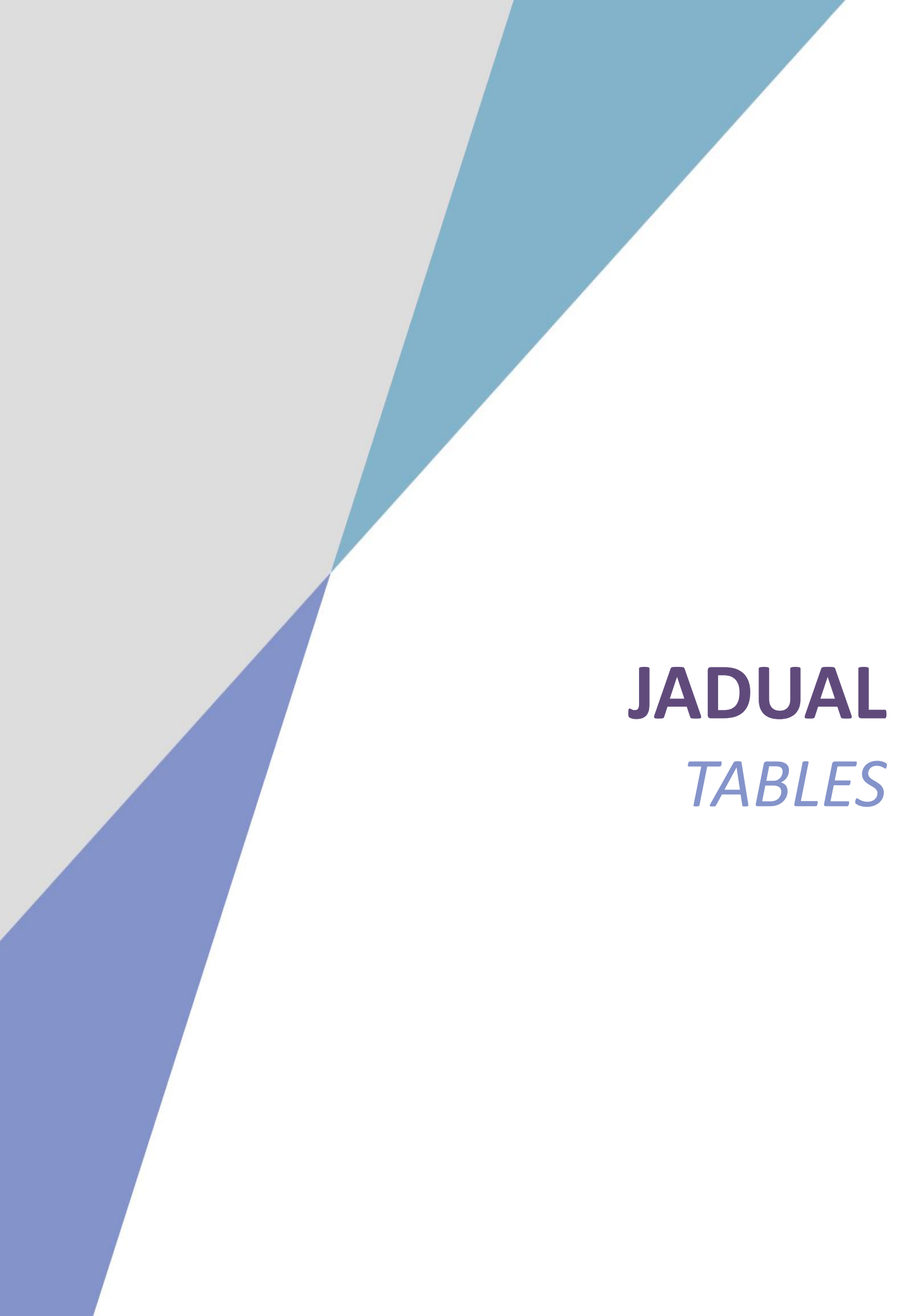


Carta 3.2: Peratus Perubahan Bulan Ke Bulan Indeks Terma Perdagangan
Chart 3.2: Month-on-Month Percentage Change in Terms of Trade Index



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.)

				0	1	2	3	4	5	6	7	8	9	
TEMPOH PERIOD				JUMLAH TOTAL	MAKANAN FOOD	MINUMAN DAN TEBBAKAU BEVERAGES AND TOBACCO	BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	BAHAN KIMIA CHEMICALS	BARANG-BARANG KELUARAN KILANG MANUFACTURED GOODS	JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES
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
2020	MAC	MAR	116.1	150.2	146.6	84.2	104.5	110.9	153.9	101.9	113.7	129.6	176.9	
	APR	APR	114.1	150.3	147.2	84.0	93.2	105.2	154.0	102.1	114.6	130.0	174.6	
	MEI	MAY	109.9	150.9	147.4	83.4	74.1	98.7	153.6	101.4	114.1	129.6	170.5	
	JUN	JUN	109.9	151.3	147.5	83.2	74.0	93.0	153.7	101.1	115.0	129.9	168.5	
	JUL	JUL	109.8	151.8	148.0	83.3	70.5	97.5	154.0	101.4	115.4	130.0	170.8	
	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 ^p		MAR ^p	141.6	160.3	157.5	92.1	171.8	205.3	174.5	111.4	122.1	131.9	285.4	

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	MAC	MAR	-0.7	0.4	0.3	0.4	-5.8	-1.1	0.3	0.2	0.6	0.5	-3.0
	APR	APR	-1.7	0.1	0.4	-0.2	-10.8	-5.2	0.1	0.2	0.8	0.3	-1.3
	MEI	MAY	-3.7	0.4	0.1	-0.7	-20.5	-6.2	-0.2	-0.6	-0.4	-0.3	-2.3
	JUN	JUN	0.0	0.3	0.1	-0.3	-0.1	-5.8	0.0	-0.4	0.8	0.3	-1.2
	JUL	JUL	0.0	0.4	0.3	0.1	-4.7	4.9	0.2	0.3	0.3	0.1	1.4
	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 ^p	MAR ^p	4.7	0.1	0.3	0.4	17.1	7.7	1.0	0.6	1.1	-0.2	17.7

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	MAC	MAR	1.0	3.2	5.3	-0.1	-7.3	24.1	0.3	-1.4	1.9	1.0	-6.4	
	APR	APR	-0.6	3.2	5.2	0.1	-17.0	22.0	0.3	-1.5	2.4	1.2	-9.0	
	MEI	MAY	-4.7	3.4	3.3	-1.6	-34.4	15.6	-0.2	-1.9	1.3	0.6	-9.3	
	JUN	JUN	-4.6	3.3	3.1	-2.6	-33.6	10.3	-0.2	-1.8	1.8	0.4	-10.6	
	JUL	JUL	-4.8	3.5	2.4	-2.4	-36.9	16.9	0.3	-1.7	1.8	0.3	-6.8	
	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 ^a		MAR ^a	19.3	3.0	4.4	3.8	76.9	41.6	8.4	6.0	6.8	0.3	58.7	

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

TEMPOH PERIOD			JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN 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
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			156.5	109.6	58.0	167.7	134.4	90.7	160.9	210.9	160.0	216.8	57.5
2020	MAC	MAR	129.9	99.2	54.9	187.6	153.0	74.7	132.0	143.3	125.9	149.3	61.8
	APR	APR	106.9	88.8	47.7	94.6	120.8	75.7	109.8	113.8	108.9	111.3	10.6
	MEI	MAY	107.4	90.3	47.3	96.8	109.7	86.1	107.1	128.9	101.2	137.8	43.6
	JUN	JUN	141.8	104.5	58.8	155.7	120.9	116.5	123.6	164.9	141.5	190.4	39.9
	JUL	JUL	158.6	105.0	62.4	183.2	165.3	116.4	110.6	161.4	166.3	202.1	46.3
	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	158.3	117.4	60.1	128.8	172.7	158.4	221.0	49.4
	FEB	FEB	141.6	100.0	50.1	188.8	141.6	67.5	138.8	166.4	136.9	219.4	52.1
	MAC	MAR	166.2	115.3	79.1	190.2	110.1	88.1	171.8	218.6	171.7	259.5	52.7
	APR	APR	164.3	103.9	66.6	175.0	170.6	89.5	150.2	205.5	159.3	253.8	74.5
	MEI	MAY	142.6	96.5	49.5	142.7	134.9	84.8	141.4	199.7	134.7	220.5	49.0
	JUN	JUN	160.0	106.2	41.5	128.8	150.2	99.6	183.3	194.5	155.5	240.2	64.1
	JUL	JUL	145.7	106.3	37.7	130.9	155.0	96.6	156.4	171.1	143.5	185.3	53.8
	OGOS	AUG	141.0	109.7	56.4	180.3	122.3	79.8	157.1	195.9	142.1	181.9	53.6
	SEP	SEP	163.9	109.7	51.9	193.5	133.3	106.1	163.8	253.2	169.4	202.9	53.5
	OKT	OCT	166.9	117.4	58.8	181.1	133.7	97.2	175.4	273.6	176.4	194.2	64.1
	NOV	NOV	161.6	121.6	63.3	172.5	129.0	104.4	173.6	240.6	168.1	203.7	65.0
	DIS	DEC	177.9	128.3	78.6	170.6	114.5	114.4	189.7	238.4	204.2	219.5	58.6
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 ^p	MAR ^p	174.7	125.2	61.3	208.2	127.0	95.3	185.4	230.3	208.3	208.0	95.5

MALAYSIA
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 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	MAC	MAR	8.3	1.5	-26.0	32.9	39.0	0.1	5.2	-13.7	11.0	-8.3	-25.6
	APR	APR	-17.7	-10.5	-13.1	-49.6	-21.0	1.3	-16.8	-20.6	-13.6	-25.5	-82.9
	MEI	MAY	0.4	1.7	-0.9	2.3	-9.2	13.7	-2.5	13.3	-7.1	23.8	313.1
	JUN	JUN	32.0	15.7	24.2	60.9	10.2	35.4	15.4	27.9	39.9	38.1	-8.5
	JUL	JUL	11.9	0.5	6.1	17.7	36.7	-0.1	-10.5	-2.1	17.5	6.2	16.0
	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	-8.0	-5.2	-27.1	-6.2	-20.1	-49.7	-6.9	-8.4	0.2	-1.3	-12.1
	FEB	FEB	-3.5	-0.6	-20.2	19.3	20.6	12.4	7.7	-3.7	-13.6	-0.7	5.3
	MAC	MAR	17.4	15.3	57.8	0.7	-22.2	30.4	23.8	31.4	25.4	18.3	1.3
	APR	APR	-1.1	-9.8	-15.8	-8.0	54.9	1.6	-12.5	-6.0	-7.3	-2.2	41.2
	MEI	MAY	-13.2	-7.2	-25.6	-18.5	-20.9	-5.2	-5.9	-2.8	-15.4	-13.1	-34.2
	JUN	JUN	12.2	10.0	-16.2	-9.7	11.3	17.5	29.6	-2.6	15.4	8.9	30.7
	JUL	JUL	-9.0	0.1	-9.0	1.6	3.1	-3.0	-14.7	-12.0	-7.7	-22.9	-16.0
	OGOS	AUG	-3.2	3.2	49.5	37.8	-21.1	-17.4	0.4	14.5	-0.9	-1.8	-0.4
	SEP	SEP	16.2	0.0	-8.0	7.3	8.9	32.9	4.3	29.2	19.2	11.5	-0.2
	OKT	OCT	1.8	7.1	13.4	-6.4	0.3	-8.4	7.1	8.1	4.1	-4.3	19.8
	NOV	NOV	-3.2	3.6	7.6	-4.8	-3.5	7.4	-1.0	-12.1	-4.7	4.9	1.5
	DIS	DEC	10.1	5.5	24.2	-1.1	-11.3	9.5	9.3	-0.9	21.5	7.7	-9.9
	2022	JAN	JAN	-11.5	-12.8	-27.0	1.7	-7.7	-25.7	-12.2	-1.6	-11.3	-15.3
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 ^p		MAR ^p	23.0	22.6	23.2	31.9	20.4	25.7	6.5	15.5	30.9	25.8	76.0

MALAYSIA
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 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			-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			14.1	10.4	-7.0	8.7	2.8	-4.1	34.7	36.9	15.2	19.6	10.3
2020	MAC	MAR	-7.3	-7.7	-45.8	5.7	14.7	-25.9	-14.6	-14.7	-10.2	-2.0	-29.4
	APR	APR	-24.2	-14.9	-46.0	-48.6	-10.6	-25.8	-19.0	-35.3	-25.0	-24.5	-89.1
	MEI	MAY	-22.2	-19.0	-50.5	-42.1	-17.1	-29.0	-24.5	-30.4	-23.5	-8.7	-62.6
	JUN	JUN	13.3	15.3	-21.9	6.3	-7.8	23.7	-7.2	9.3	14.7	46.2	-60.5
	JUL	JUL	8.5	-4.7	-13.9	-2.7	29.9	30.7	-22.2	-6.5	5.5	29.0	-62.0
	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	8.4	2.5	-10.6	1.7	-13.7	-26.6	5.4	9.2	11.1	44.3	-45.4
	FEB	FEB	18.0	2.3	-32.5	33.8	28.6	-9.6	10.6	0.3	20.7	34.7	-37.4
	MAC	MAR	27.9	16.2	44.0	1.4	-28.0	17.8	30.2	52.6	36.4	73.8	-14.7
	APR	APR	53.7	17.1	39.5	85.0	41.2	18.1	36.8	80.6	46.3	128.1	605.3
	MEI	MAY	32.8	6.9	4.7	47.5	23.0	-1.5	32.1	54.9	33.2	60.0	12.3
	JUN	JUN	12.8	1.6	-29.4	-17.3	24.2	-14.5	48.4	18.0	9.9	26.2	60.5
	JUL	JUL	-8.2	1.3	-39.5	-28.6	-6.3	-17.0	41.4	6.0	-13.7	-8.3	16.2
	OGOS	AUG	1.9	10.6	-1.0	8.2	-15.1	-14.3	49.9	32.1	4.3	-10.0	20.3
	SEP	SEP	8.3	10.4	-20.7	20.5	14.7	1.4	37.9	62.5	3.6	-2.6	-2.8
	OKT	OCT	7.8	10.6	-8.3	1.0	12.0	-12.6	51.6	71.5	7.8	-13.2	13.2
	NOV	NOV	13.5	24.7	4.6	6.5	2.7	30.1	39.6	51.1	15.6	-3.4	72.6
	DIS	DEC	11.6	21.0	-8.8	1.1	-22.1	-4.4	37.2	26.4	29.2	-1.9	4.2
2022	JAN	JAN	7.3	11.2	-8.7	9.6	-10.0	41.4	29.3	35.8	14.4	-15.9	31.4
	FEB	FEB	0.3	2.1	-0.6	-16.4	-25.5	12.2	25.5	19.8	16.2	-24.6	4.1
	MAC ^a	MAR ^b	5.1	8.6	-22.5	9.5	15.3	8.2	8.0	5.3	21.3	-19.8	81.0

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

TEMPOH PERIOD				JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN 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
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	MAC	MAR	116.2	141.3	116.4	107.1	94.7	132.4	109.8	107.4	120.1	112.9	198.6
		APR	APR	114.8	142.1	116.7	106.8	81.4	123.5	110.0	107.6	120.7	113.1	204.4
		MEI	MAY	113.1	142.5	117.0	105.5	71.3	116.8	109.8	107.6	120.2	113.0	209.8
		JUN	JUN	112.3	142.2	117.1	105.2	68.5	111.5	109.3	107.4	119.8	112.7	208.2
		JUL	JUL	113.2	141.7	117.4	106.2	74.6	117.7	109.4	107.4	119.5	112.7	217.2
		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
	2021	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
		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
12	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 ^p	MAR ^p	125.9	147.2	120.0	118.7	137.9	268.1	113.9	115.2	118.9	114.1	236.7

MALAYSIA

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 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	6.8	0.6	3.3	12.9	1.1	10.5	13.4	41.8	7.6	2.0
2020	MAC	MAR	-0.4	0.5	0.1	1.2	-6.6	0.4	0.2	-0.3	0.3	0.3	3.9
	APR	APR	-1.2	0.6	0.3	-0.3	-14.0	-6.7	0.2	0.2	0.5	0.2	2.9
	MEI	MAY	-1.4	0.2	0.2	-1.2	-12.5	-5.5	-0.1	-0.1	-0.4	-0.1	2.6
	JUN	JUN	-0.7	-0.2	0.1	-0.3	-3.8	-4.6	-0.5	-0.1	-0.3	-0.3	-0.7
	JUL	JUL	0.8	-0.3	0.3	0.9	8.8	5.6	0.1	0.0	-0.2	0.1	4.3
	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 ^p	MAR ^p	2.3	0.3	0.3	-0.2	13.1	3.7	0.03	-0.01	0.8	0.4	2.6

MALAYSIA
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
14	2020	MAC	MAR	-0.6	3.1	1.6	2.0	-12.4	17.8	-0.4	-1.0	0.3	0.6	22.7
		APR	APR	-2.9	3.3	1.7	-0.3	-29.6	10.6	-0.4	-1.1	0.5	0.7	27.0
		MEI	MAY	-4.9	3.1	1.6	-2.9	-39.7	5.3	-0.6	-1.5	-0.4	0.5	29.1
		JUN	JUN	-4.9	2.6	1.6	-3.9	-38.6	3.9	-1.3	-1.3	-0.5	0.1	22.9
		JUL	JUL	-3.7	2.2	1.8	-2.7	-31.9	12.4	-0.9	-0.9	-0.4	-0.1	22.6
		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 ^p	MAR ^p	8.9	2.8	1.5	1.0	60.7	56.6	1.9	3.9	1.2	1.5	15.4

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 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
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	145.3	93.9	254.0	235.4	109.7	207.2	143.8	135.5	180.3	134.7
2020	MAC	MAR	134.5	148.7	104.2	206.6	299.1	91.8	183.2	131.5	98.5	134.8	56.7
	APR	APR	137.5	126.6	68.9	190.4	210.2	84.6	162.7	126.3	132.4	114.0	20.7
	MEI	MAY	106.4	119.8	71.7	143.5	148.3	49.8	137.2	96.5	95.6	129.0	20.6
	JUN	JUN	127.5	131.3	81.4	175.0	213.8	84.4	152.6	123.6	107.8	160.6	80.8
	JUL	JUL	135.4	121.6	90.7	184.2	246.7	94.8	152.7	136.5	116.5	161.1	66.4
	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	251.8	209.5	154.7	178.4	139.5	123.0	164.9	172.1
	FEB	FEB	138.4	122.7	80.0	239.3	236.1	104.4	173.1	129.3	113.6	154.5	145.5
	MAC	MAR	159.0	147.9	92.0	259.8	212.1	112.9	212.9	147.0	130.5	180.2	290.3
	APR	APR	166.4	155.2	96.2	249.8	333.9	96.3	206.1	154.6	130.9	191.8	175.5
	MEI	MAY	152.0	135.7	96.8	252.9	219.1	97.5	205.8	148.9	127.6	188.6	103.6
	JUN	JUN	160.3	153.3	110.4	255.4	264.1	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	133.0	134.5	175.4	49.9
	OGOS	AUG	139.9	134.7	93.1	203.2	168.6	101.6	199.1	128.6	126.2	166.2	70.3
	SEP	SEP	160.5	150.9	82.4	252.7	230.8	94.1	210.2	131.7	143.0	177.1	151.0
	OKT	OCT	166.1	148.1	77.4	239.2	249.8	116.8	207.5	136.6	149.5	178.1	166.9
	NOV	NOV	173.9	152.8	99.6	257.1	249.2	106.9	233.1	153.9	156.0	198.3	111.6
	DIS	DEC	172.9	164.3	124.7	251.5	189.6	79.2	237.1	168.2	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 ^p	MAR ^p	189.6	168.2	151.7	253.1	301.8	111.2	261.1	173.7	163.0	230.1	79.5

MALAYSIA

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	MAC	MAR	11.1	20.4	20.4	25.6	31.5	15.8	18.8	11.0	2.9	-1.7	-36.1
	APR	APR	2.2	-14.8	-33.9	-7.8	-29.7	-7.8	-11.2	-3.9	34.5	-15.4	-63.6
	MEI	MAY	-22.7	-5.4	4.1	-24.6	-29.4	-41.1	-15.7	-23.6	-27.8	13.2	-0.2
	JUN	JUN	19.9	9.6	13.5	21.9	44.2	69.5	11.3	28.1	12.8	24.5	291.9
	JUL	JUL	6.2	-7.4	11.5	5.2	15.4	12.3	0.1	10.4	8.1	0.3	-17.8
	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
2021	JAN	JAN	-3.4	-3.6	-26.6	0.0	2.6	-16.4	-7.1	-3.1	-4.0	-10.4	28.1
	FEB	FEB	-5.4	-6.5	-6.1	-5.0	12.7	-32.5	-3.0	-7.3	-7.6	-6.3	-15.4
	MAC	MAR	14.8	20.5	15.0	8.6	-10.2	8.1	23.0	13.7	14.8	16.7	99.5
	APR	APR	4.7	4.9	4.6	-3.8	57.5	-14.7	-3.2	5.2	0.4	6.4	-39.5
	MEI	MAY	-8.7	-12.6	0.6	1.2	-34.4	1.3	-0.2	-3.7	-2.5	-1.7	-41.0
	JUN	JUN	5.5	13.0	14.0	1.0	20.5	43.1	8.2	3.3	2.9	-4.4	-40.8
	JUL	JUL	-0.9	-4.0	-18.7	31.2	-0.7	-19.1	-9.8	-13.6	2.4	-2.7	-18.7
	OGOS	AUG	-12.0	-8.5	3.7	-39.4	-35.7	-10.0	-0.8	-3.3	-6.2	-5.3	40.9
	SEP	SEP	14.7	12.0	-11.4	24.3	36.9	-7.5	5.6	2.4	13.2	6.6	114.9
	OKT	OCT	3.5	-1.8	-6.2	-5.3	8.2	24.2	-1.3	3.7	4.6	0.6	10.5
	NOV	NOV	4.7	3.2	28.8	7.5	-0.3	-8.5	12.4	12.6	4.3	11.3	-33.1
	DIS	DEC	-0.6	7.5	25.1	-2.2	-23.9	-25.9	1.7	9.3	2.7	5.13	6.1
2022	JAN	JAN	0.2	10.7	-12.2	1.3	4.1	8.9	4.3	0.2	-2.7	-3.6	-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 ^p	MAR ^p	24.5	26.7	77.1	19.9	51.1	-15.2	17.7	24.1	20.0	31.05	-7.8

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

TEMPOH PERIOD				JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN 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
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	12.3	-1.4	29.0	5.0	15.2	27.2	11.8	20.7	16.4	67.6
17	2020	MAC	MAR	-0.8	18.2	-14.4	9.8	41.3	8.5	3.2	1.9	-13.7	-12.1	-52.5
		APR	APR	-3.9	-3.6	-46.7	-9.8	-11.3	39.5	-13.3	-12.5	15.5	-33.1	-83.3
		MEI	MAY	-25.9	-3.3	-54.5	-21.1	-37.1	-39.1	-30.8	-34.5	-16.7	-26.0	-84.3
		JUN	JUN	0.9	18.2	-35.6	-2.1	2.2	8.2	-4.8	0.7	2.8	7.7	-10.8
		JUL	JUL	-5.1	-5.9	-36.0	-16.0	5.6	11.8	-17.9	-3.6	0.6	-6.2	-30.4
		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	4.4	2.6	-6.5	14.2	-15.4	23.8	4.3	-6.3	11.1	0.5	116.4
		FEB	FEB	14.3	-0.6	-7.6	45.5	3.8	31.7	12.2	9.2	18.8	12.6	64.0
		MAC	MAR	18.2	-0.5	-11.7	25.7	-29.1	23.0	16.2	11.8	32.5	33.7	411.9
		APR	APR	21.0	22.5	39.7	31.2	58.9	13.8	26.7	22.4	-1.1	68.2	749.6
		MEI	MAY	42.9	13.2	35.0	76.2	47.7	95.7	50.0	54.2	33.5	46.2	402.1
		JUN	JUN	25.8	16.7	35.6	45.9	23.5	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	5.7	2.6	-6.1	0.7	-24.6	37.5	27.6	6.7	13.3	-1.1	-37.9
		SEP	SEP	18.7	19.2	-18.6	22.0	20.9	-2.7	29.0	-0.8	21.9	4.2	50.1
		OKT	OCT	19.1	14.0	-32.6	13.6	-5.2	52.3	27.3	1.2	26.8	5.8	118.3
		NOV	NOV	27.1	17.6	-15.5	24.4	16.5	5.6	38.7	18.8	34.4	18.4	-11.7
		DIS	DEC	14.1	20.6	7.5	-0.1	-7.2	-57.2	23.5	16.9	25.0	13.2	-11.8
	2022	JAN	JAN	18.4	38.5	28.6	1.2	-5.8	-44.2	38.6	20.7	26.8	21.9	-38.0
		FEB	FEB	10.1	8.2	7.1	-11.7	-15.4	25.6	28.2	8.2	19.5	13.7	-40.8
		MAC ^p	MAR ^p	19.3	13.7	64.9	-2.6	42.3	-1.4	22.7	18.1	24.9	27.7	-72.6

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

				0	1	2	3	4	5	6	7	8	9
TEMPOH PERIOD				MAKANAN FOOD	MINUMAN DAN TEBBAKAU BEVERAGES AND TOBACCO	BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	BAHAN KIMIA CHEMICALS	BARANG- BARANG KELUARAN KILANG MANUFACTURED GOODS	JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES
2010				100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2011				105.5	103.8	99.4	118.7	103.5	110.7	105.7	100.2	104.4	93.6
2012				105.1	103.2	100.7	106.3	108.6	108.4	97.0	101.3	105.0	106.8
2013				103.0	102.0	99.7	94.4	108.7	109.0	94.1	100.2	105.5	114.1
2014				103.2	101.0	100.4	85.1	112.1	115.1	94.8	98.5	106.3	125.4
2015				99.7	102.6	105.0	81.2	107.2	123.0	97.8	98.2	109.4	108.5
2016				96.4	107.4	109.7	81.9	100.3	129.6	98.8	94.0	108.7	108.2
2017				97.4	105.3	113.9	80.0	96.6	138.8	98.6	93.3	109.8	116.1
2018				97.1	105.9	118.4	79.3	92.5	140.8	98.2	93.2	112.6	126.5
2019				98.2	106.0	124.0	78.9	103.0	139.3	95.0	93.9	114.6	109.4
2020				98.7	107.0	126.2	78.2	105.4	140.8	94.4	95.8	115.3	81.6
2021				104.6	108.6	128.6	75.7	112.6	145.9	94.8	98.8	117.3	87.8
18	2020	MAC	MAR	99.9	106.3	126.0	78.6	110.3	83.8	140.2	94.9	114.8	89.1
		APR	APR	99.4	105.7	126.2	78.7	114.5	85.1	140.0	94.9	114.9	85.4
		MEI	MAY	97.1	105.9	126.0	79.1	104.0	84.5	139.9	94.3	114.7	81.3
		JUN	JUN	97.8	106.4	125.9	79.1	108.0	83.4	140.7	94.1	114.3	80.9
		JUL	JUL	96.9	107.1	126.0	78.4	94.5	82.8	140.0	94.4	115.3	78.6
		OGOS	AUG	96.7	107.7	126.3	78.2	90.8	87.4	141.5	94.3	115.8	70.6
		SEP	SEP	98.1	107.9	126.5	77.6	100.8	87.3	141.6	94.0	116.0	72.7
		OKT	OCT	98.5	107.9	126.7	77.6	101.9	88.4	141.6	94.2	116.1	70.8
		NOV	NOV	99.6	108.2	126.9	76.6	112.9	82.1	141.6	94.3	116.3	74.6
		DIS	DEC	100.2	108.4	126.8	75.9	111.4	82.1	142.4	94.5	116.3	79.2
	2021	JAN	JAN	101.1	108.6	127.1	76.2	112.3	83.9	142.8	94.5	116.5	77.6
		FEB	FEB	101.5	108.7	127.3	76.5	109.4	85.7	143.2	94.6	116.7	81.3
		MAC	MAR	102.8	108.7	127.5	75.4	113.2	84.6	144.0	94.8	117.1	87.7
		APR	APR	103.7	108.5	127.9	74.5	115.2	86.6	144.5	95.0	117.8	86.4
		MEI	MAY	103.5	108.6	128.1	75.0	108.9	87.3	144.8	94.6	118.0	84.4
		JUN	JUN	105.0	108.5	127.9	74.6	115.1	86.5	145.1	94.7	117.9	86.4
		JUL	JUL	105.0	108.5	127.8	75.3	113.6	85.1	144.9	94.7	117.7	86.6
		OGOS	AUG	105.6	108.5	128.5	75.8	111.6	84.9	146.3	95.3	117.7	86.8
		SEP	SEP	105.9	108.6	129.1	75.9	111.5	85.6	147.3	95.0	117.5	88.5
		OKT	OCT	106.7	108.6	129.9	76.0	113.1	87.2	148.6	95.1	116.9	92.5
		NOV	NOV	107.0	108.6	130.6	76.3	114.1	79.9	149.5	94.8	116.9	93.6
		DIS	DEC	107.1	108.7	131.3	76.9	113.5	77.2	150.1	94.9	116.9	101.7
	2022	JAN	JAN	109.1	108.8	131.1	77.1	121.4	73.0	151.5	95.6	116.6	100.8
		FEB	FEB	109.9	109.1	131.2	77.1	120.4	73.7	152.0	96.2	116.3	105.1
		MAC ^p	MAR ^p	112.5	108.9	131.2	77.5	124.6	76.5	153.2	96.7	115.7	120.6

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

TEMPOH PERIOD			JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN 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	MAC	MAR	-0.3	-0.1	0.3	-0.7	0.8	-1.4	0.1	0.5	0.3	0.2	-6.7
	APR	APR	-0.5	-0.5	0.2	0.1	3.8	1.6	-0.1	0.0	0.3	0.1	-4.2
	MEI	MAY	-2.3	0.1	-0.1	0.5	-9.2	-0.7	-0.1	-0.6	0.0	-0.2	-4.8
	JUN	JUN	0.6	0.5	-0.1	0.0	3.8	-1.3	0.6	-0.2	1.1	-0.3	-0.4
	JUL	JUL	-0.9	0.7	0.1	-0.9	-12.4	-0.7	-0.5	0.3	0.6	0.9	-2.8
	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	
2021	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
	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
2022	JAN	JAN	1.9	0.0	-0.1	0.3	7.0	-5.5	0.9	0.8	1.7	-0.3	-0.8
	FEB	FEB	0.8	0.3	0.02	-0.1	-0.9	1.0	0.3	0.5	0.6	-0.2	4.3
	MAC ^p	MAR ^p	2.34	-0.1	0.0	0.6	3.5	3.8	0.8	0.6	0.2	-0.6	14.7

MALAYSIA

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

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

TEMPOH PERIOD			JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN TEMBAKAU BEVERAGES AND TOBACCO	2 BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	3 BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	4 MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	5 BAHAN KIMIA CHEMICALS	6 BARANG-BARANG KELUARAN KILANG MANUFACTURED GOODS	7 JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	8 PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	9 PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES
2011			5.5	3.8	-0.7	18.7	3.5	-4.9	10.6	5.7	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	MAC	MAR	1.6	0.2	3.6	-2.1	5.9	5.4	0.6	-0.4	1.6	0.5	-23.7
	APR	APR	2.4	0.0	3.4	0.3	18.0	10.3	0.7	-0.4	2.0	0.4	-28.3
	MEI	MAY	0.2	0.3	1.7	1.3	8.7	9.8	0.4	-0.4	1.7	0.0	-29.7
	JUN	JUN	0.2	0.7	1.5	1.3	8.2	6.1	1.1	-0.5	2.3	-0.6	-27.2
	JUL	JUL	-1.2	1.3	0.6	0.3	-7.3	4.1	0.6	-0.8	2.3	0.4	-24.0
	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 ^p	MAR ^p	9.5	0.2	2.9	2.8	10.1	-9.6	6.4	2.0	5.5	-1.2	37.4

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	MAC	MAR	140.1	25.6	134.2	3.3
	APR	APR	141.1	0.7	141.4	5.3
	MEI	MAY	138.1	-2.2	138.5	-2.0
	JUN	JUN	125.1	-9.4	135.8	-1.9
	JUL	JUL	146.2	16.9	138.0	1.6
	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	134.3	1.0
	FEB	FEB	120.0	-11.4	137.4	2.3
	MAC	MAR	129.9	8.3	127.2	-7.4
	APR	APR	106.9	-17.7	105.5	-17.1
	MEI	MAY	107.4	0.4	108.3	2.6
	JUN	JUN	141.8	32.0	152.9	41.2
	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	153.1	11.0
	OKT	OCT	154.8	2.4	141.9	-7.3
	NOV	NOV	142.4	-8.0	143.0	0.8
	DIS	DEC	159.5	12.0	154.0	7.6
2021	JAN	JAN	146.8	-8.0	142.8	-7.3
	FEB	FEB	141.6	-3.5	162.7	14.0
	MAC	MAR	166.2	17.4	163.2	0.3
	APR	APR	164.3	-1.1	163.6	0.2
	MEI	MAY	142.6	-13.2	142.6	-12.8
	JUN	JUN	160.0	12.2	172.8	21.2
	JUL	JUL	145.7	-9.0	137.0	-20.7
	OGOS	AUG	141.0	-3.2	143.9	5.1
	SEP	SEP	163.9	16.2	165.9	15.3
	OKT	OCT	166.9	1.8	152.6	-8.0
	NOV	NOV	161.6	-3.2	162.2	6.3
	DIS	DEC	177.9	10.1	154.4	1.4
2022	JAN	JAN	157.5	-11.5	155.6	0.8
	FEB	FEB	142.1	-9.8	160.0	2.8
	MAC ^p	MAR ^p	174.7	23.0	170.1	6.3

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	MAC	MAR	135.6	24.9	137.9	12.3
	APR	APR	143.0	5.5	143.9	4.3
	MEI	MAY	143.6	0.4	140.2	-2.6
	JUN	JUN	126.4	-12.0	134.1	-4.4
	JUL	JUL	142.6	12.8	138.5	3.3
	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	137.0	-0.6
	FEB	FEB	121.1	-13.6	136.7	-0.2
	MAC	MAR	134.5	11.1	135.3	-1.0
	APR	APR	137.5	2.2	135.7	0.3
	MEI	MAY	106.4	-22.7	102.8	-24.3
	JUN	JUN	127.5	19.9	133.3	29.7
	JUL	JUL	135.4	6.2	131.3	-1.5
	OGOS	AUG	132.3	-2.3	129.6	-1.3
	SEP	SEP	135.2	2.2	135.4	4.5
	OKT	OCT	139.4	3.2	134.0	-1.0
	NOV	NOV	136.9	-1.8	132.7	-1.0
	DIS	DEC	151.5	10.6	146.1	10.1
2021	JAN	JAN	146.3	-3.4	143.1	-2.0
	FEB	FEB	138.4	-5.4	157.2	9.8
	MAC	MAR	159.0	14.8	162.4	3.3
	APR	APR	166.4	4.7	166.1	2.3
	MEI	MAY	152.1	-8.6	149.0	-10.3
	JUN	JUN	160.3	5.5	170.6	14.5
	JUL	JUL	159.0	-0.9	154.1	-9.6
	OGOS	AUG	139.9	-12.0	137.2	-11.0
	SEP	SEP	160.5	14.7	160.9	17.3
	OKT	OCT	166.1	3.5	159.5	-0.9
	NOV	NOV	173.9	4.7	168.6	5.7
	DIS	DEC	172.9	-0.6	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 ^P	MAR ^P	189.6	24.5	189.9	11.6

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
(<http://www.statistics.gov.my>) PADA TARIKH PENGELUARAN SELEPAS MASA EMBARGO (12.00 PM)

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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 pengiklanan 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 pemadanan 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 2020 telah digunakan bermula penerbitan Julai 2021 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.

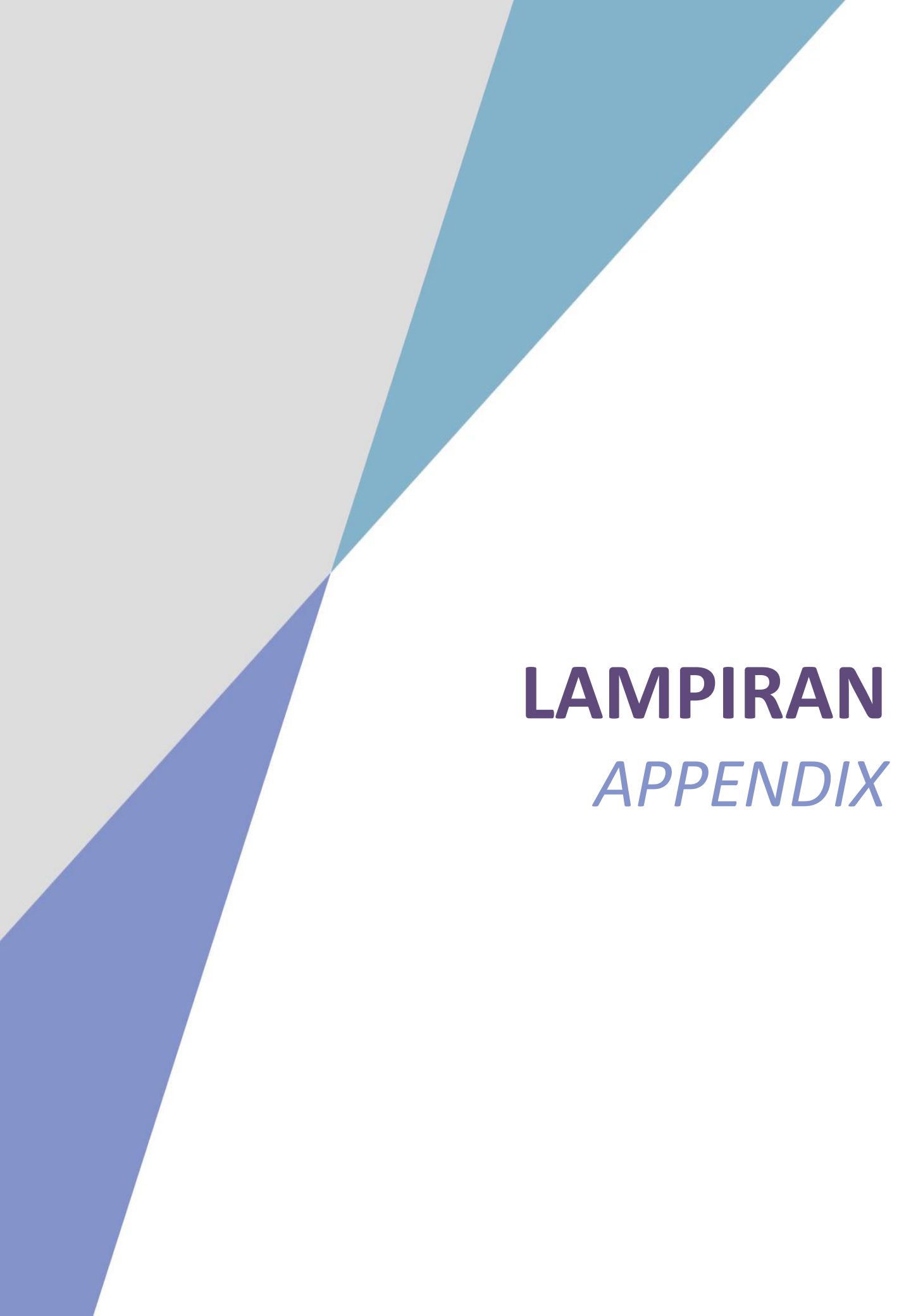
In Malaysia, most of the time series data are affected by seasonal effects. Hence, to eliminate the seasonal effect as well as to seasonally adjust the Malaysian economic time series data, a standard seasonal adjustment package, X-12 ARIMA was used by Department of Statistics, Malaysia.

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 2020 has been used starting from the July 2021 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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