



JABATAN PERDANA MENTERI  
JABATAN PERANGKAAN MALAYSIA

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# **INDEKS PERDAGANGAN LUAR NEGERI**

*EXTERNAL TRADE INDICES*

**[2010=100]**



**2021** **NOVEMBER**  
**NOVEMBER**

JABATAN PERANGKAAN MALAYSIA  
DEPARTMENT OF STATISTICS MALAYSIA



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***EXTERNAL TRADE INDICES***  
**(2010=100)**

**NOVEMBER 2021**  
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**JABATAN PERANGKAAN MALAYSIA**  
***DEPARTMENT OF STATISTICS MALAYSIA***

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**MALAYSIA**

Tel. : 03-8885 7000  
Faks : 03-8888 9248  
Portal : <https://www.dosm.gov.my>  
Facebook / Twitter / Instagram: StatsMalaysia  
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## KATA PENGANTAR

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

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

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

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

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

**Dato' Sri Dr. Mohd Uzir Mahidin**

Ketua Perangkawan Malaysia

Januari 2021

## **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  
January 2021

# RINGKASAN *SUMMARY*





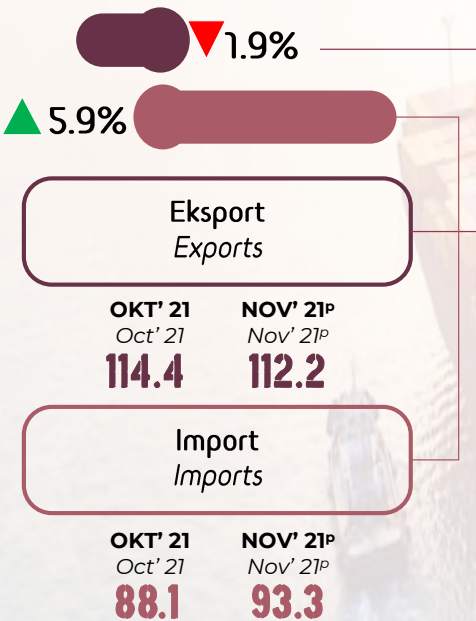


# INDEKS PERDAGANGAN LUAR NEGERI, NOVEMBER 2021

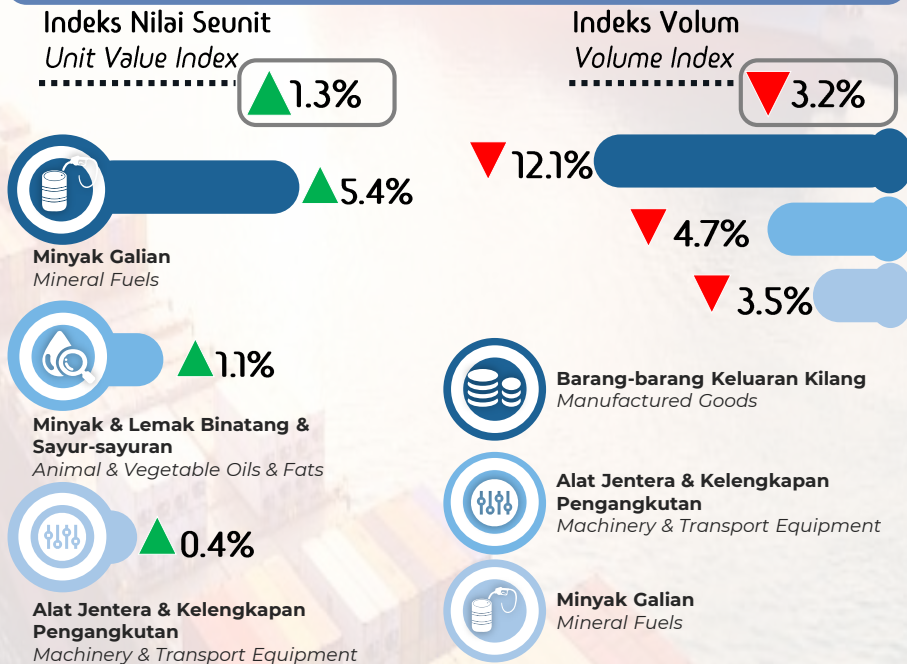
External Trade Indices, November 2021

**Kedua-dua indeks nilai seunit eksport & import masing-masing kekal positif 1.3% dan 1.0%**  
Both export & import unit value indices remained positive at 1.3% and 1.0%, respectively

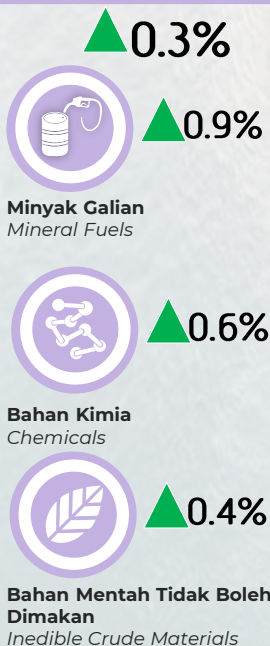
## NILAI (RM BILION) Value (RM Billion)



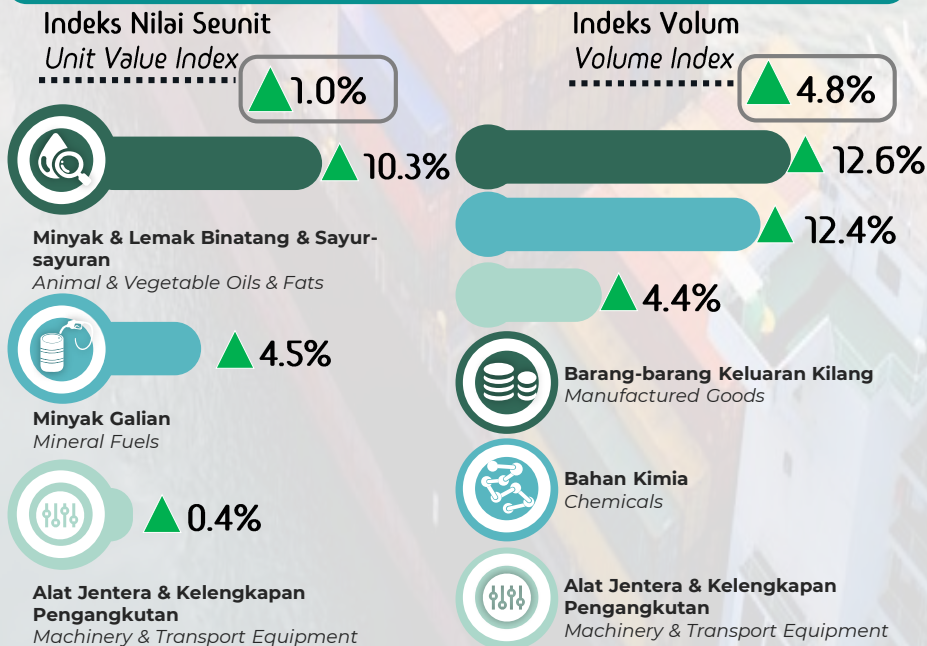
## EKSPORT Exports



## TERMA PERDAGANGAN Terms of Trade



## IMPORT Imports



# INDEKS PERDAGANGAN LUAR NEGERI NOVEMBER 2021

## PRESTASI PERDAGANGAN MALAYSIA

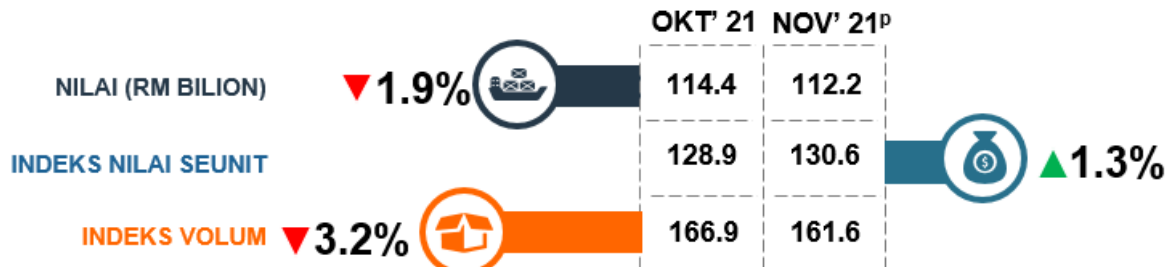
Perdagangan Malaysia terus mengekalkan prestasi menaik pada November 2021 dengan jumlah perdagangan mencatatkan pertumbuhan 34.9 peratus, mencecah RM205.5 bilion berbanding RM152.3 bilion pada November 2020. Eksport terus meningkat 32.4 peratus kepada RM112.2 bilion berbanding November 2020. Import meningkat 38.0 peratus tahun ke tahun pada November 2021, dengan nilai RM93.3 bilion. Imbangan perdagangan merekodkan lebih RM18.9 bilion, dengan peningkatan 10.5 peratus berbanding tempoh yang sama tahun lalu.

Berdasarkan bulan ke bulan, import dan jumlah perdagangan masing-masing mencatatkan pertumbuhan positif 5.9 peratus dan 1.5 peratus, manakala eksport dan lebih dagangan menguncup masing-masing 1.9 peratus dan 28.1 peratus.

## PERBANDINGAN BULAN KE BULAN

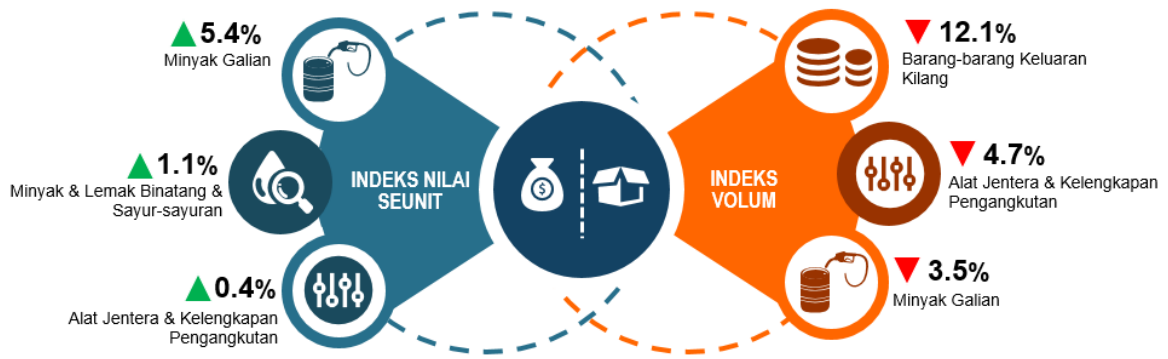
### EKSPORT

Perbandingan bulan ke bulan menunjukkan **indeks volum eksport** menguncup 3.2 peratus pada November 2021, selari dengan penyusutan nilai eksport Malaysia. Penyusutan ini disumbangkan oleh kejatuhan indeks barang-barang keluaran kilang (-12.1%), alat jentera & kelengkapan pengangkutan (-4.7%) dan minyak galian (-3.5%) (Paparannya 2).

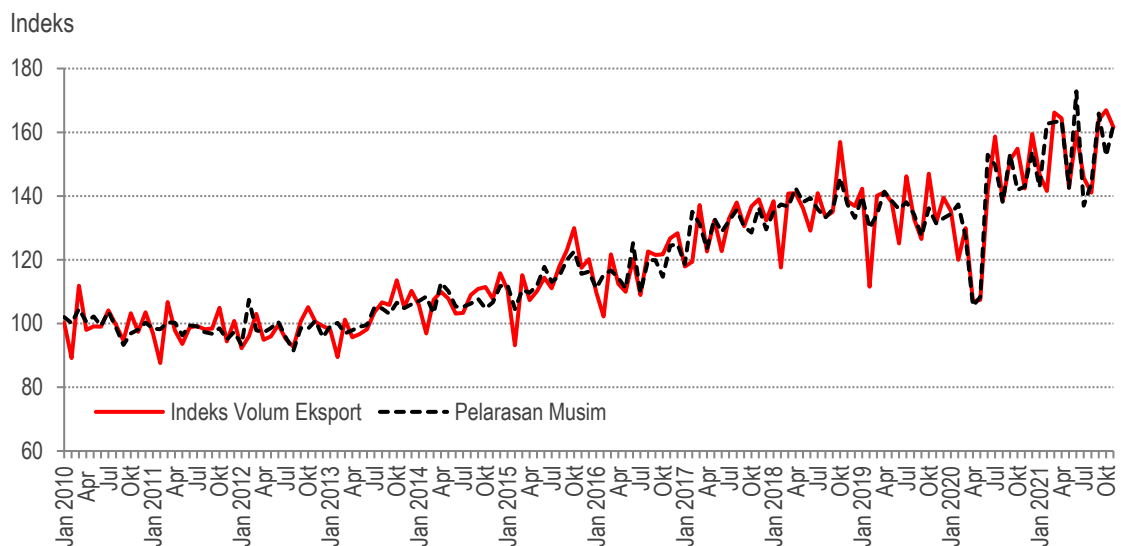


Paparan 1: Nilai Eksport (RM bilion), Indeks Nilai Seunit dan Indeks Volum

Sementara itu, **indeks nilai seunit eksport** bertumbuh 1.3 peratus pada November 2021, disumbangkan oleh kenaikan indeks minyak galian (+5.4%), minyak & lemak binatang & sayur-sayuran (+1.1%) dan alat jentera & kelengkapan (+0.4%) (Paparannya 2). **Indeks volum eksport** pelarasan bermusim meningkat 6.3 peratus daripada 152.6 mata kepada 162.2 mata (Carta 1).



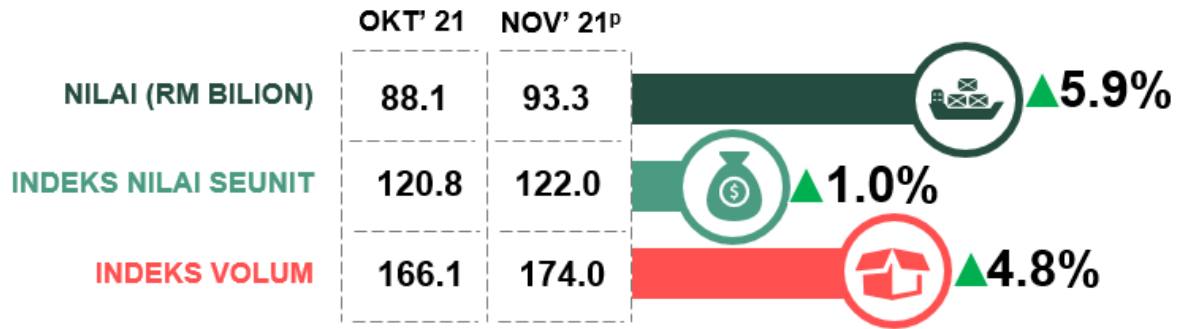
## Paparan 2: Penyumbang Utama Indeks Nilai Seunit dan Indeks Volum Eksport



Carta 1: Indeks Volum Eksport - Asal & Pelarasan Musim

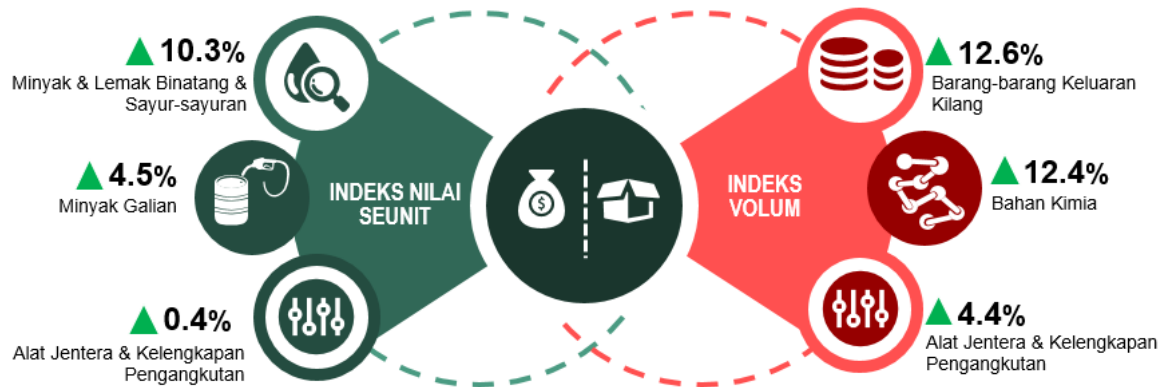
## IMPORT

**Indeks volum import** meningkat 4.8 peratus pada November 2021 (Paparan 3). Peningkatan ini selari dengan pertumbuhan nilai import Malaysia, disumbangkan oleh pertumbuhan indeks barang-barang keluaran kilang (+12.6%), bahan kimia (+12.4%) dan alat jentera & kelengkapan pengangkutan (+4.4%) (Paparan 4).

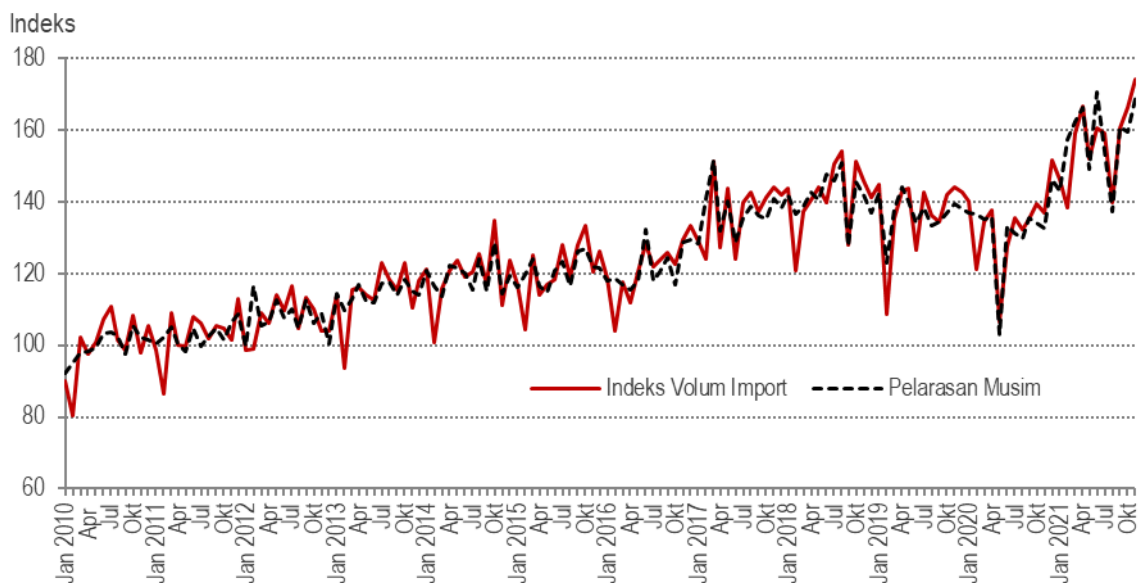


**Paparan 3: Nilai Import (RM bilion), Indeks Nilai Seunit dan Indeks Volum**

Sementara itu, **indeks nilai seunit import** turut meningkat 1.0 peratus pada November 2021 berbanding bulan sebelum. Peningkatan ini disumbangkan oleh kenaikan indeks minyak & lemak binatang & sayur-sayuran (+10.3%), minyak galian (+4.5%) dan alat jentera & kelengkapan pengangkutan (+0.4%). **Indeks volum import** pelarasan bermusim pada November 2021 mencatatkan peningkatan 5.8 peratus daripada 159.5 mata kepada 168.7 mata.



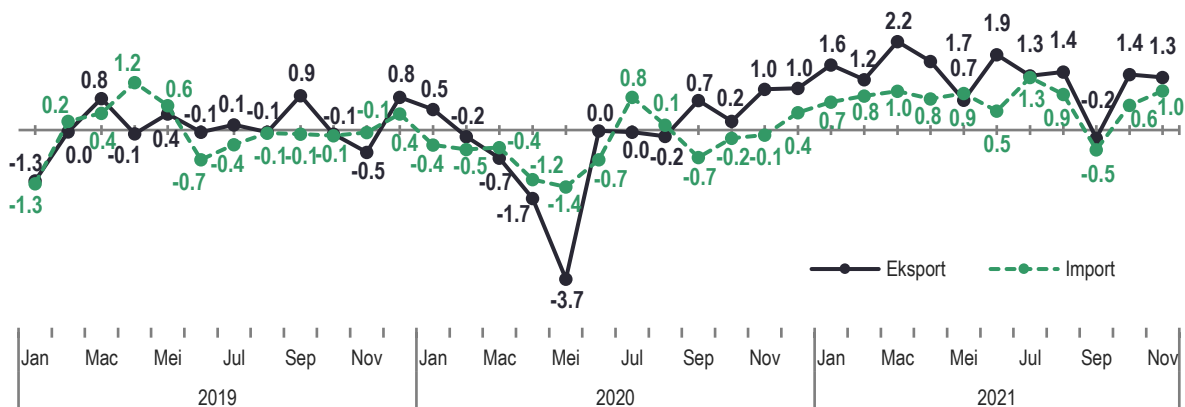
**Paparan 4: Penyumbang Utama Indeks Nilai Seunit dan Indeks Volum Import**



**Carta 2: Indeks Volum Import - Asal & Pelarasan Musim**

## SIRI MASA INDEKS NILAI SEUNIT EKSPORT & IMPORT

Bagi perbandingan bulanan, kedua-dua indeks **nilai seunit eksport** dan **import** mengekalkan pertumbuhan positif pada November 2021.

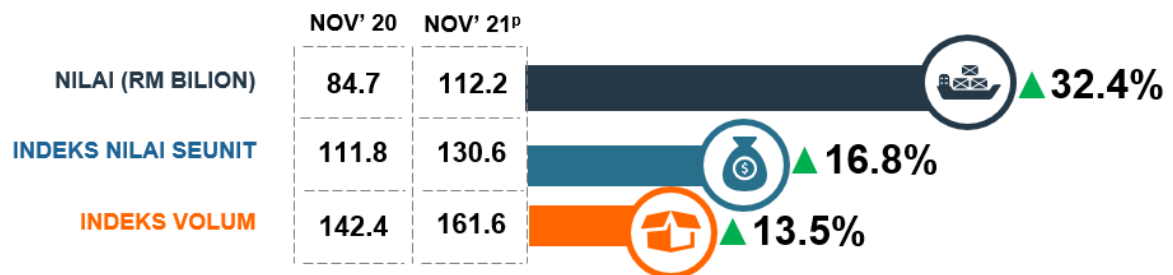


**Carta 3: Peratus Perubahan Bulan ke Bulan bagi Indeks Nilai Seunit Eksport & Import Januari 2019 – November 2021**

## PERBANDINGAN TAHUN KE TAHUN

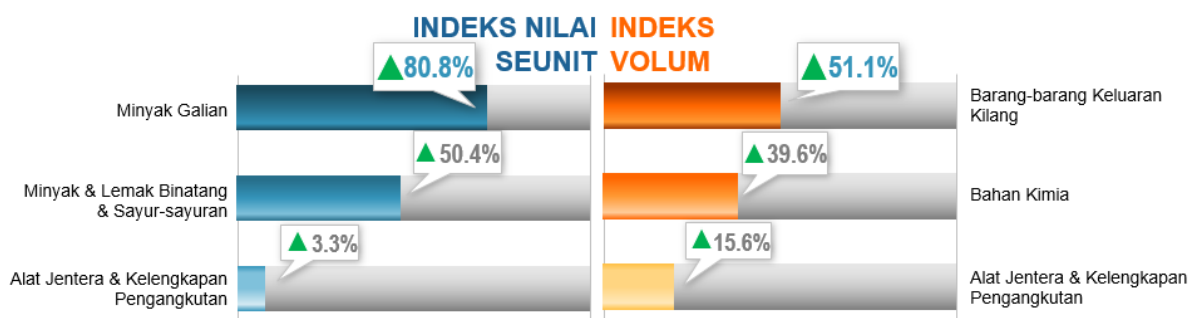
### EKSPORT

**Indeks nilai seunit eksport** terus merekodkan peningkatan dua digit pada November 2021, mencatatkan peningkatan 16.8 peratus tahun ke tahun. Pertumbuhan ini selari dengan peningkatan nilai eksport Malaysia berbanding bulan yang sama tahun lalu. Pengembangan **indeks nilai seunit eksport** didorong oleh peningkatan indeks minyak galian (+80.8%), minyak & lemak binatang & sayur-sayuran (+50.4%) dan alat jentera & kelengkapan pengangkutan (+3.3%).



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

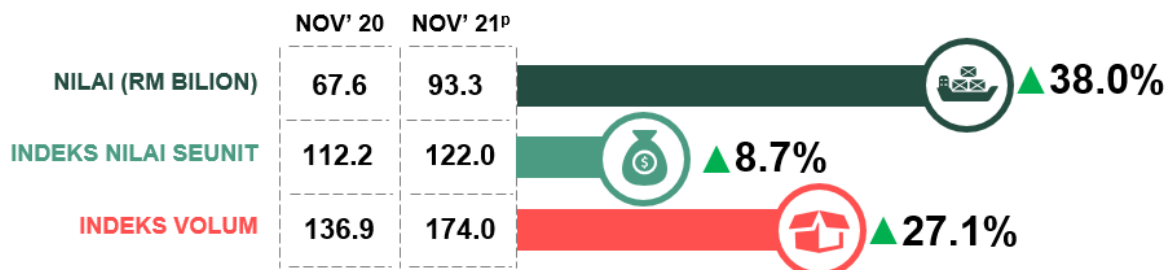
**Indeks volum eksport** turut menunjukkan trend sama, meningkat 13.5 peratus pada November 2021. Peningkatan ini disumbangkan oleh pertumbuhan indeks barang-barang keluaran kilang (+51.1%), bahan kimia (+39.6%) dan alat jentera & kelengkapan pengangkutan (+15.6%).



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

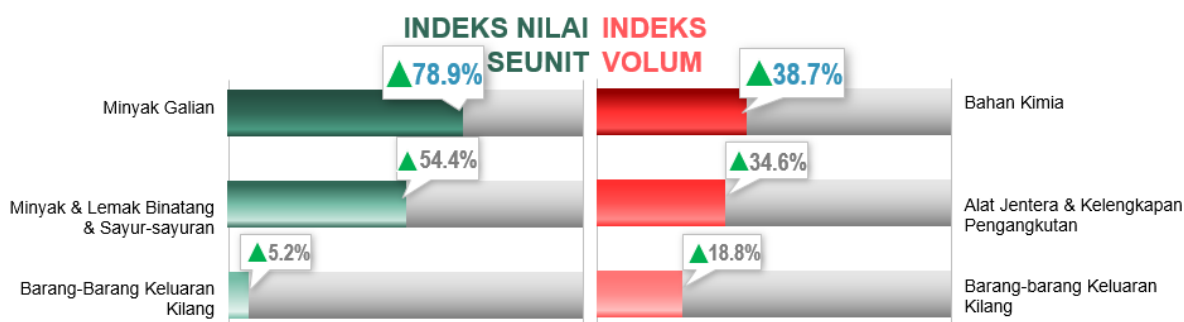
## IMPORT

**Indeks volum import** meningkat 27.1 peratus pada November 2021 berbanding bulan yang sama tahun lalu kepada 174.0 mata, selari dengan pertumbuhan nilai import. Pertumbuhan **indeks volum import** didorong oleh kenaikan indeks bahan kimia (+38.7%), alat jentera & kelengkapan pengangkutan (+34.6%) dan barang-barang keluaran kilang (+18.8%).



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

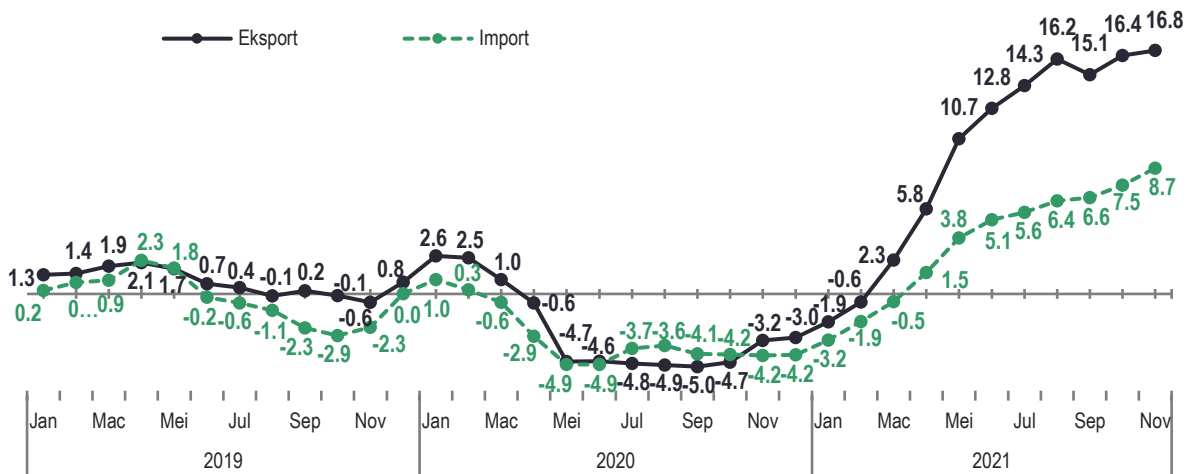
Sementara itu, **indeks nilai seunit import** turut berkembang 8.7 peratus kepada 122.0 mata pada November 2021 bulan yang sama tahun sebelumnya. Pengembangan ini disumbangkan oleh kenaikan indeks minyak galian (+78.9%), minyak & lemak binatang & sayur-sayuran (+54.4%) dan barang-barang keluaran kilang (+5.2%).



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

## SIRI MASA INDEKS NILAI SEUNIT EKSPORT & IMPORT

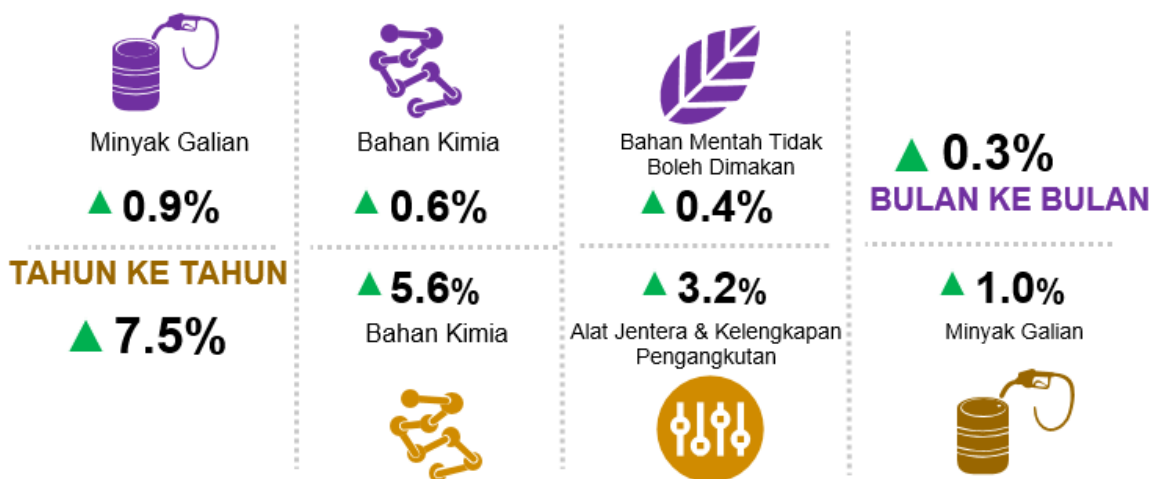
Kedua-dua **indeks nilai seunit eksport** dan **import** meningkat tahun ke tahun pada November 2021. Pertumbuhan **indeks nilai seunit eksport** kekal positif sejak Mac 2021, manakala **indeks nilai seunit import** mencatatkan trend yang sama sejak April 2021.



**Carta 4: Peratus Perubahan Tahun ke Tahun bagi Indeks Nilai Seunit Eksport & Import Januari 2019 – November 2021**

## TERMA PERDAGANGAN

**Terma perdagangan** Malaysia mencatatkan pertumbuhan 0.3 peratus bulan ke bulan kepada 107.0 mata pada November 2021. Pertumbuhan ini didorong oleh kenaikan indeks minyak galian (+0.9%) diikuti oleh bahan kimia (+0.6%) dan bahan mentah tidak boleh dimakan (+0.4%).



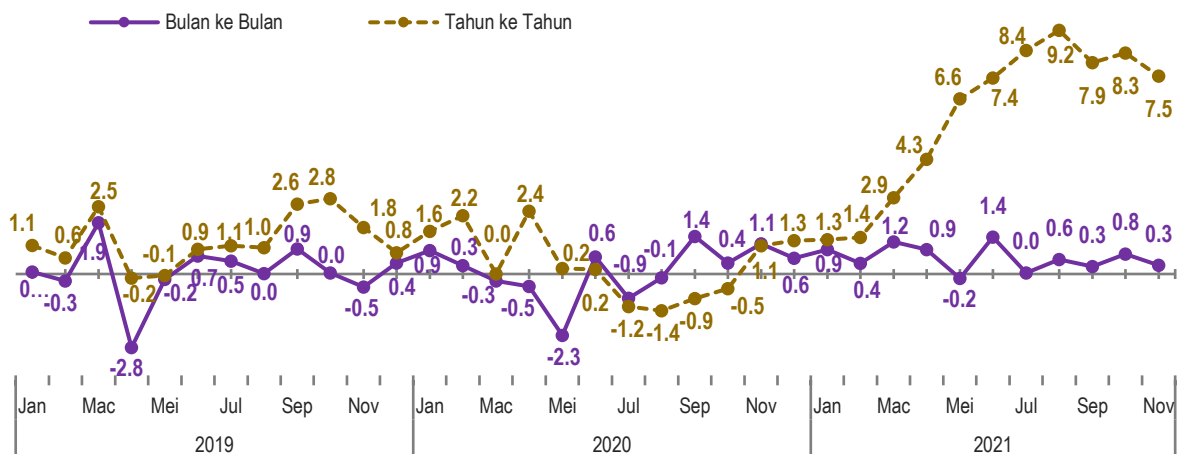
**Paparan 9: Penyumbang Utama Terma Perdagangan Mengikut Bulan ke Bulan dan Tahun ke Tahun**



Beraskan tahun ke tahun, prestasi **terma perdagangan** Malaysia kekal positif 7.5 peratus daripada 99.6 mata pada November tahun lalu. Peningkatan ini disumbangkan oleh kenaikan indeks bahan kimia (+5.6%), alat jentera & kelengkapan pengangkutan (+3.2%) dan minyak galian (+1.0%) (Paparannya 9).

### SIRI MASA TERMA PERDAGANGAN

Pertumbuhan **terma perdagangan** Malaysia menunjukkan trend positif pada November 2021, beraskan prestasi bulan ke bulan. Sementara itu, prestasi tahun ke tahun **terma perdagangan** mengekalkan pertumbuhan positif sejak November 2020.



**Carta 5: Terma Perdagangan, Januari 2019 – November 2021**

## EXTERNAL TRADE INDICES NOVEMBER 2021

### MALAYSIA'S TRADE PERFORMANCE

Malaysia's trade maintained its upward trend in November 2021 with total trade expanding by 34.9 per cent, reaching RM205.5 billion as compared to RM152.3 billion in November 2020. Exports continued to increase by 32.4 per cent to RM112.2 billion compared to November 2020. Imports rose by 38.0 per cent year-on-year (y-o-y) in November 2021 amounted at RM93.3 billion. Trade balance recorded a surplus of RM18.9 billion with an increase of 10.5 per cent compared to the same period last year.

On a month-on-month (m-o-m) basis, imports and total trade recorded positive growths of 5.9 per cent and 1.5 per cent respectively, while exports and trade balance contracted by 1.9 per cent and 28.1 per cent respectively.

### MONTH-ON-MONTH COMPARISON

#### EXPORTS

A month-on-month (m-o-m) comparison showed the **export volume index** shrank 3.2 per cent in November 2021, in line with the decline in Malaysia's export value. The deterioration was contributed by the fall in the index of manufactured goods (-12.1%), machinery & transport equipment (-4.7%) and mineral fuels (-3.5%) (Exhibit 2).

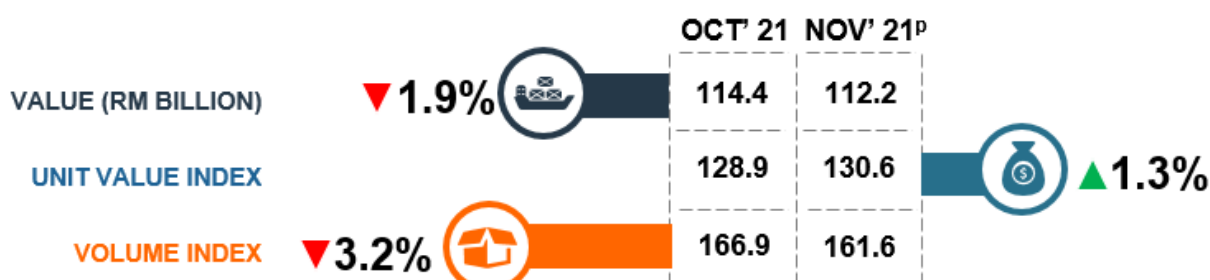
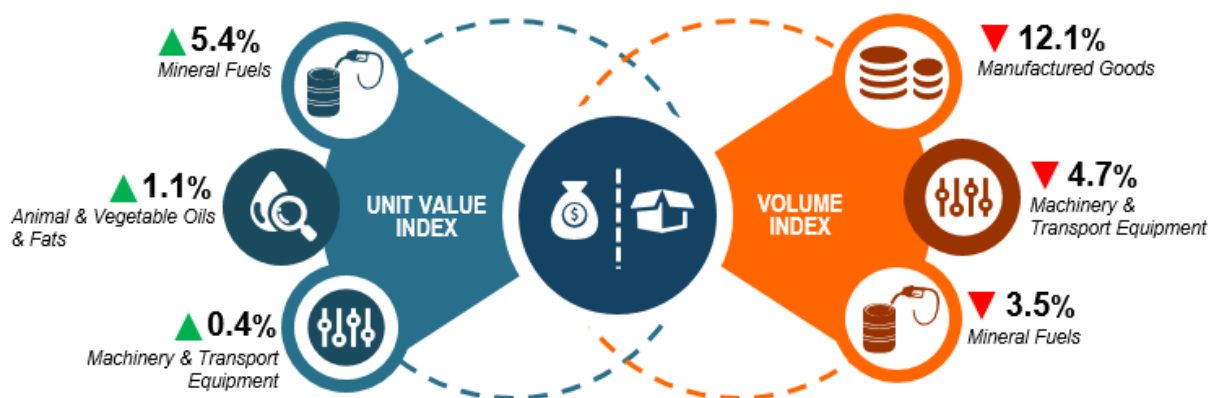
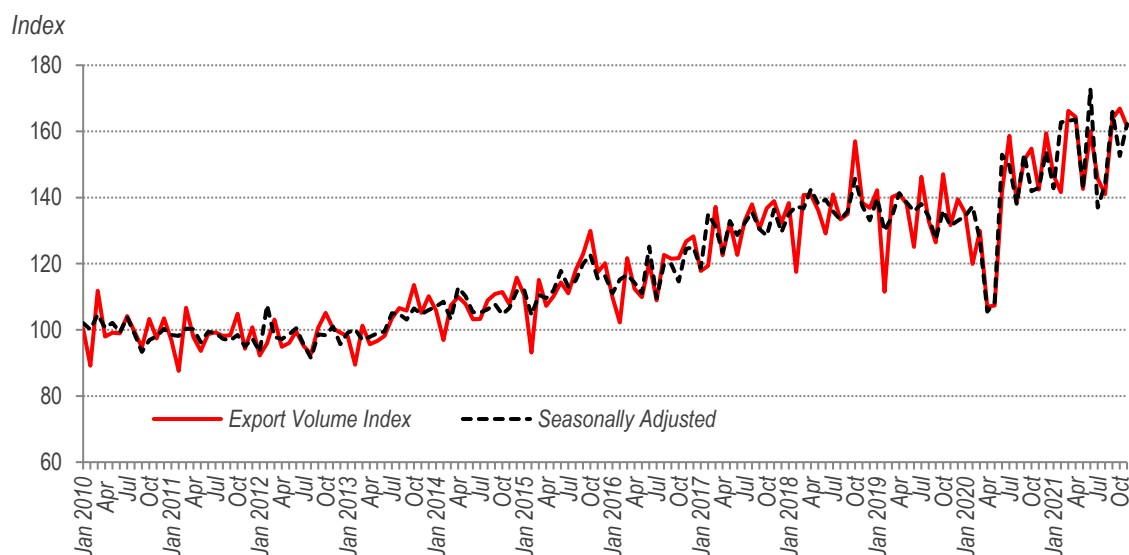


Exhibit 1: Export Value (RM billion), Unit Value Index and Volume Index

Meanwhile, the **export unit value index** expanded by 1.3 per cent in November 2021, which was supported by the increases in the index of mineral fuels (+5.4%), animal & vegetable oils & fats (+1.1%) and machinery & transport equipment (+0.4%) (Exhibit 2). The seasonally adjusted **export volume index** rose 6.3 per cent from 152.6 points to 162.2 points (Chart 1).



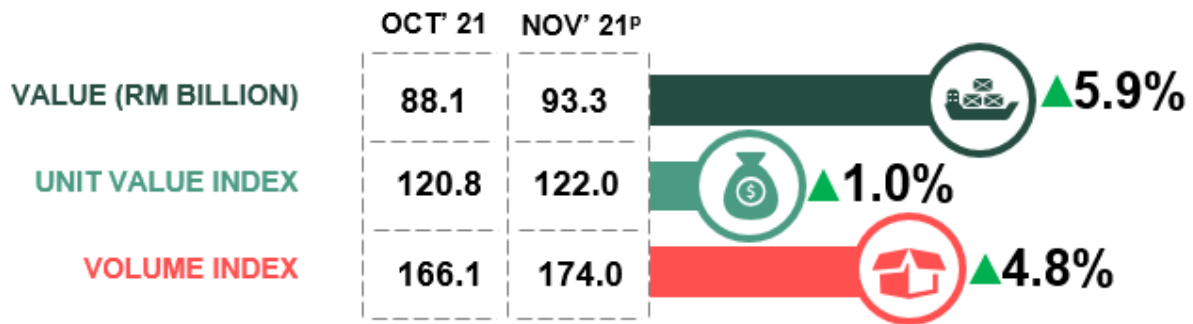
**Exhibit 2: Main Contributors of Export Unit Value and Volume Indices**



**Chart 1: Export Volume Indices - Actual & Seasonally Adjusted**

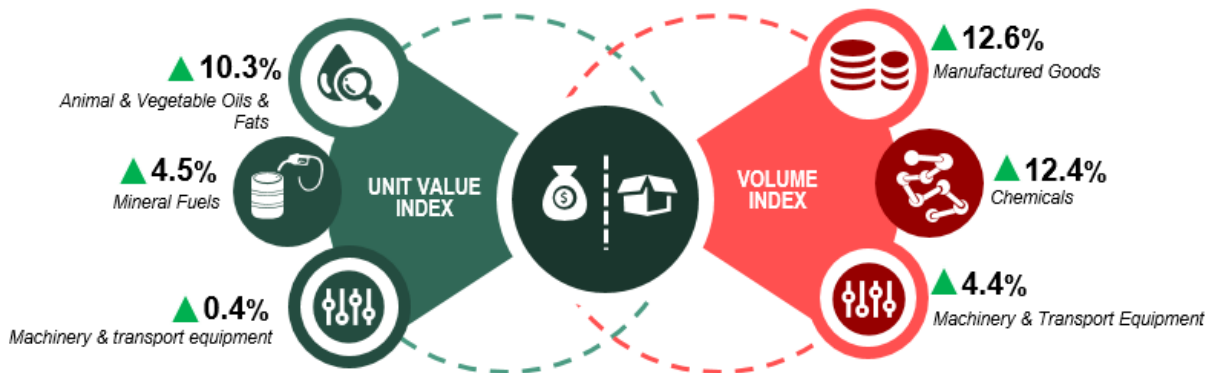
## IMPORTS

The **import volume index** edged up 4.8 per cent in November 2021 (Exhibit 3). The upward trend was in accordance with the increase in Malaysia's import value, attributed by the growths in the index of manufactured goods (+12.6%), chemicals (+12.4%) and machinery & transport equipment (+4.4%) (Exhibit 4).

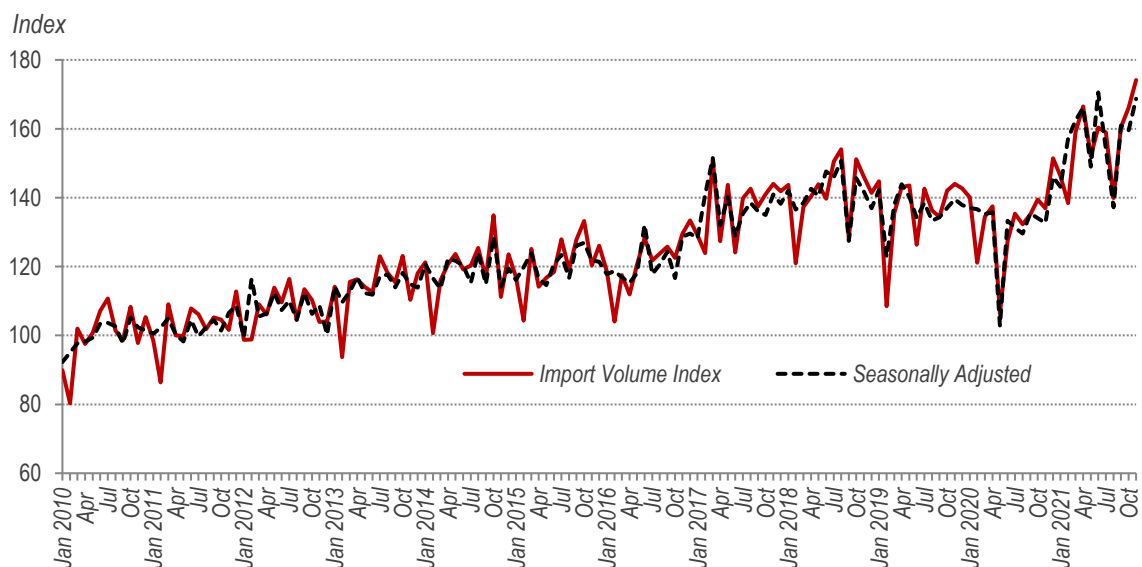


**Exhibit 3: Import Value (RM billion), Unit Value Index and Volume Index**

Similarly, the **import unit value index** also increased 1.0 per cent in November 2021 as compared to the preceding month. The increment was attributed to the increases in the index of animal & vegetable oils & fats (+10.3%), mineral fuels (+4.5%) and machinery & transport equipment (+0.4%). The seasonally adjusted **import volume index** in November 2021 recorded an increase of 5.8 per cent from 159.5 points to 168.7 points.



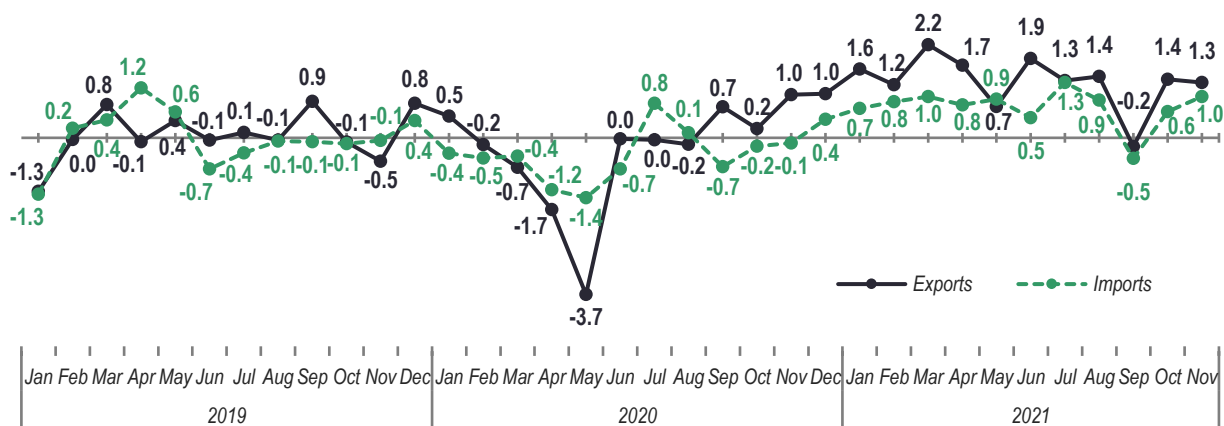
**Exhibit 4: Main Contributors of Import Unit Value and Volume Indices**



**Chart 2: Import Volume Indices - Actual & Seasonally Adjusted**

**TIME-SERIES OF EXPORT & IMPORT UNIT VALUE INDICES**

Both **export** and **import unit value indices** sustained the positive growth in November 2021, on a monthly basis.

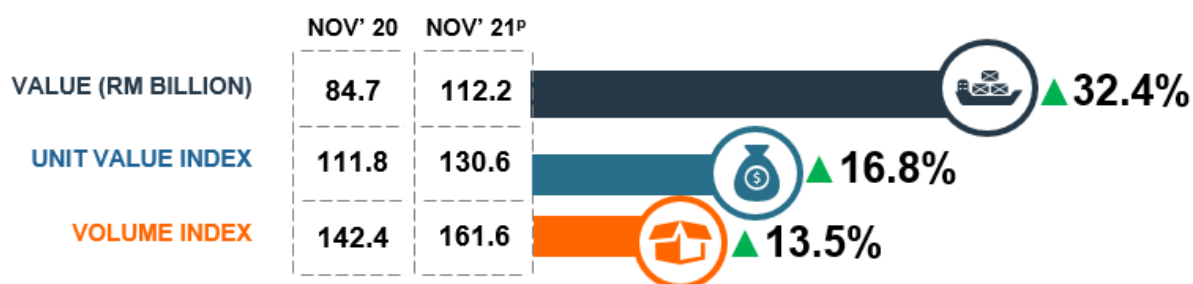


**Chart 3: Month-on-Month Percentage Change of Export & Import Unit Value Indices  
January 2019 – November 2021**

## YEAR-ON-YEAR COMPARISON

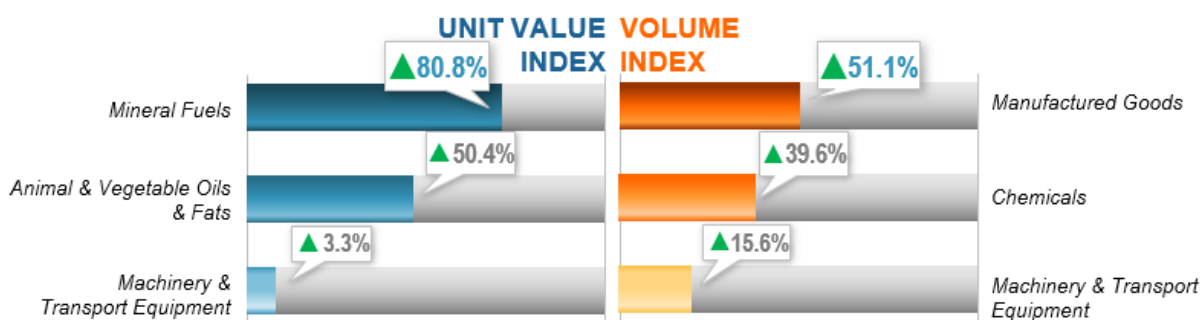
### EXPORTS

The **export unit value index** continued to record a double-digit growth in November 2021, registering a 16.8 per cent increase y-o-y. The increment was in line with the increase of Malaysia's export value as compared to the corresponding month of the preceding year. The expansion of **export unit value index** was attributed by the rises in the index of mineral fuels (+80.8%), animal & vegetable oils & fats (+50.4%) and machinery & transport equipment (+3.3%).



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

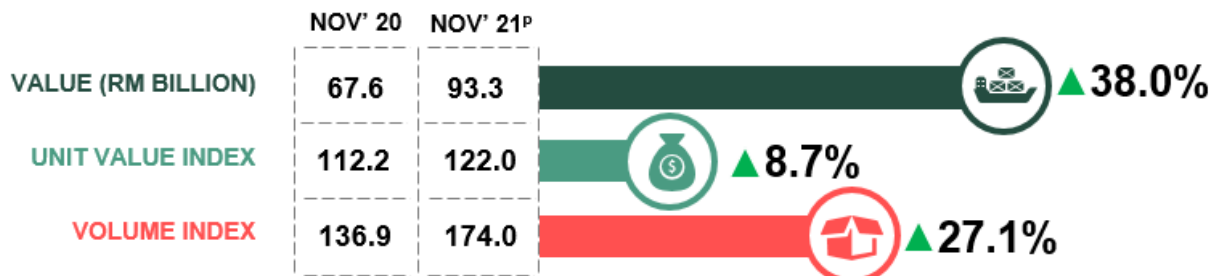
The **export volume index** also showed the similar trend, increased 13.5 per cent in November 2021. The increment was contributed by the growths in the index of manufactured goods (+51.1%), chemicals (+39.6%) and machinery & transport equipment (+15.6%).



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

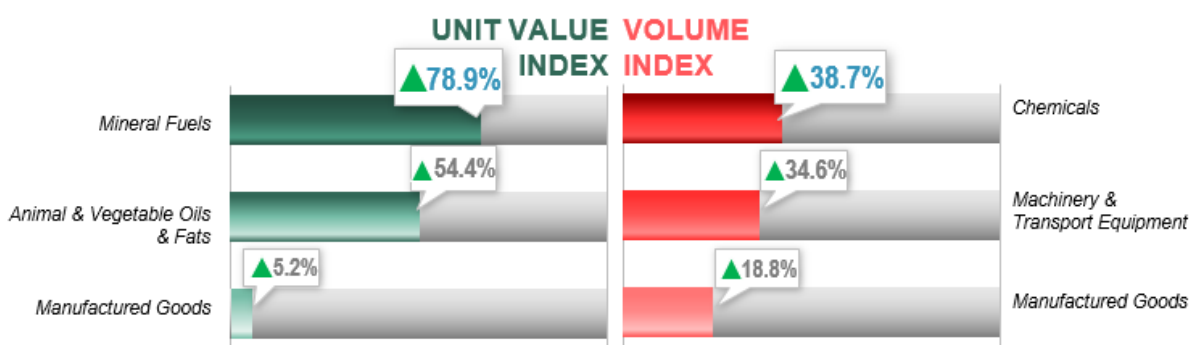
## IMPORTS

The **import volume index** expanded by 27.1 per cent in November 2021 compared with the same month of the previous year to 174.0 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 chemicals (+38.7%), machinery & transport equipment (+34.6%) and manufactured goods (+18.8%).



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

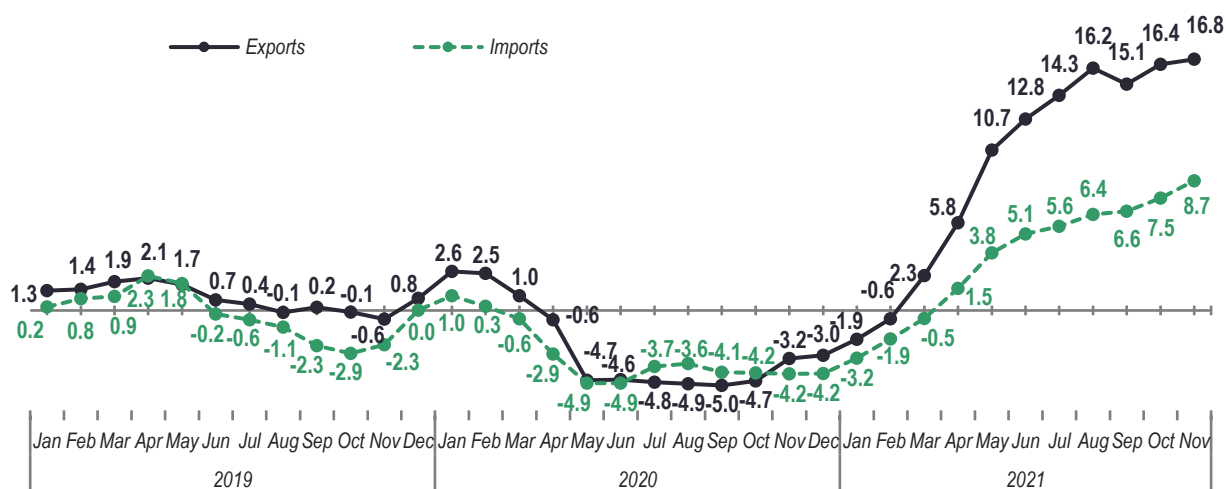
Similarly, the **import unit value index** also grew 8.7 per cent to 122.0 points in November 2021 as compared to the same month of the previous year. The increment was contributed by the increases in the index of mineral fuels (+78.9%), animal & vegetable oils & fats (+54.4%) and manufactured goods (+5.2%).



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

## TIME-SERIES OF EXPORT & IMPORT UNIT VALUE INDICES

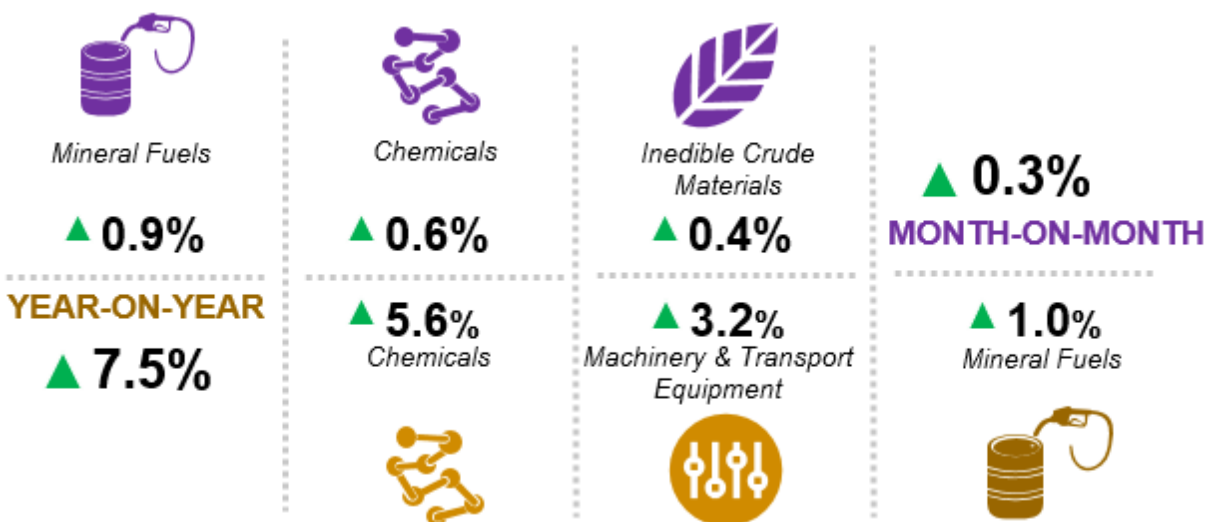
Both the **export** and **import unit value indices** increased y-o-y in November 2021. The growth in **export unit value index** remained positive since March 2021, while **import unit value index** showed the similar trend since April 2021.



**Chart 4: Year-on-Year Percentage Change of Export & Import Unit Value Indices  
January 2019 – November 2021**

## TERMS OF TRADE

Malaysia's **terms of trade** increased by 0.3 per cent m-o-m to 107.0 points in November 2021. The growth was attributed by the rises in the index of mineral fuels (+0.9%) followed by chemicals (+0.6%) and inedible crude materials (+0.4%).



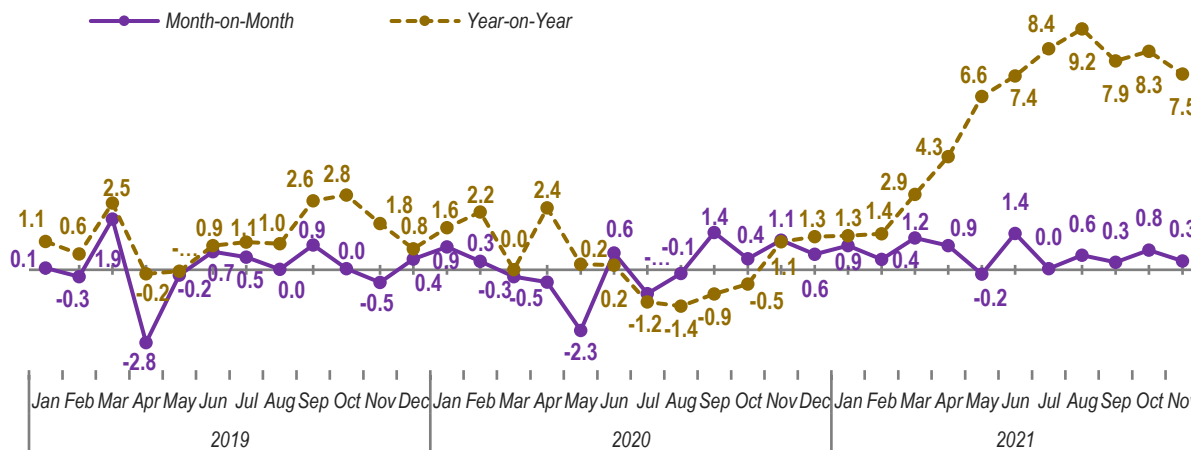
**Exhibit 9: Main Contributors of Terms of Trade based Month-on-Month and Year-on-Year**



On a y-o-y basis, Malaysia's **terms of trade** performance continued positive at 7.5 per cent from 99.6 points in November of previous year. This was driven by the growths in the index of chemicals (+5.6%), machinery & transport equipment (+3.2%) and mineral fuels (+1.0%) (Exhibit 9).

**TIME-SERIES OF TERMS OF TRADE**

Malaysia's growth of **terms of trade** showed positive trend in November 2021, based on m-o-m performance. On the other hand, y-o-y performance of **terms of trade** sustained the positive growth since November 2020.

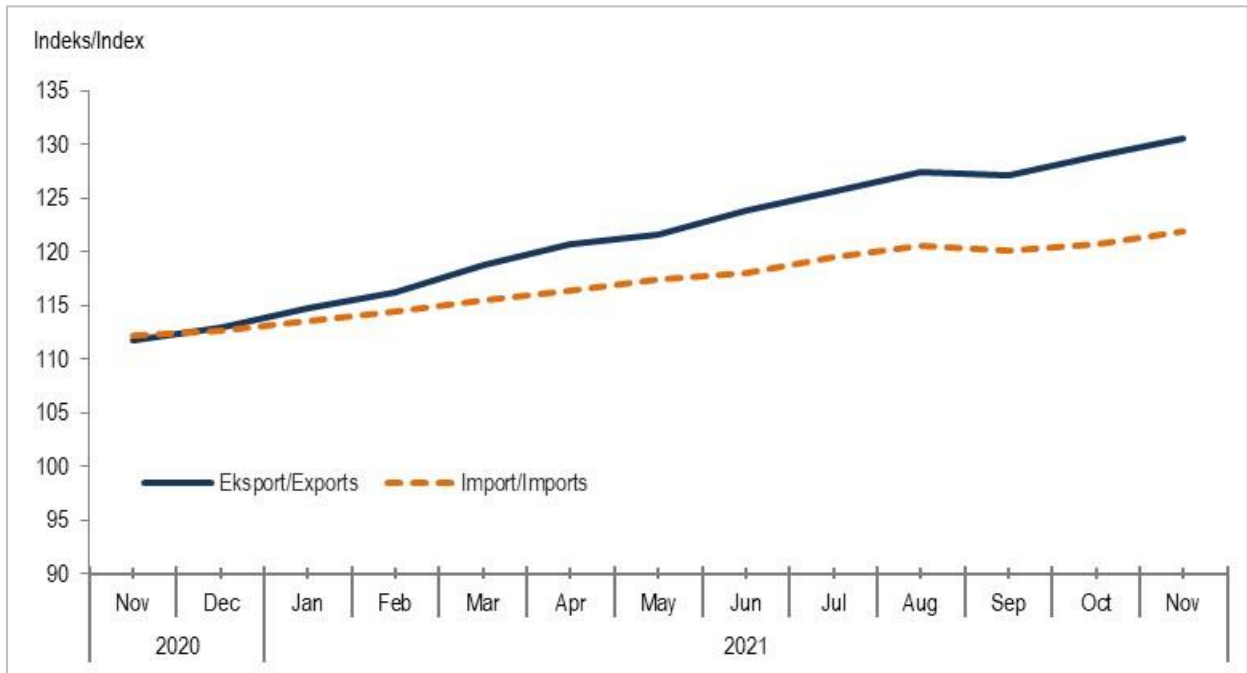


**Chart 5: Terms of Trade, January 2019 – November 2021**

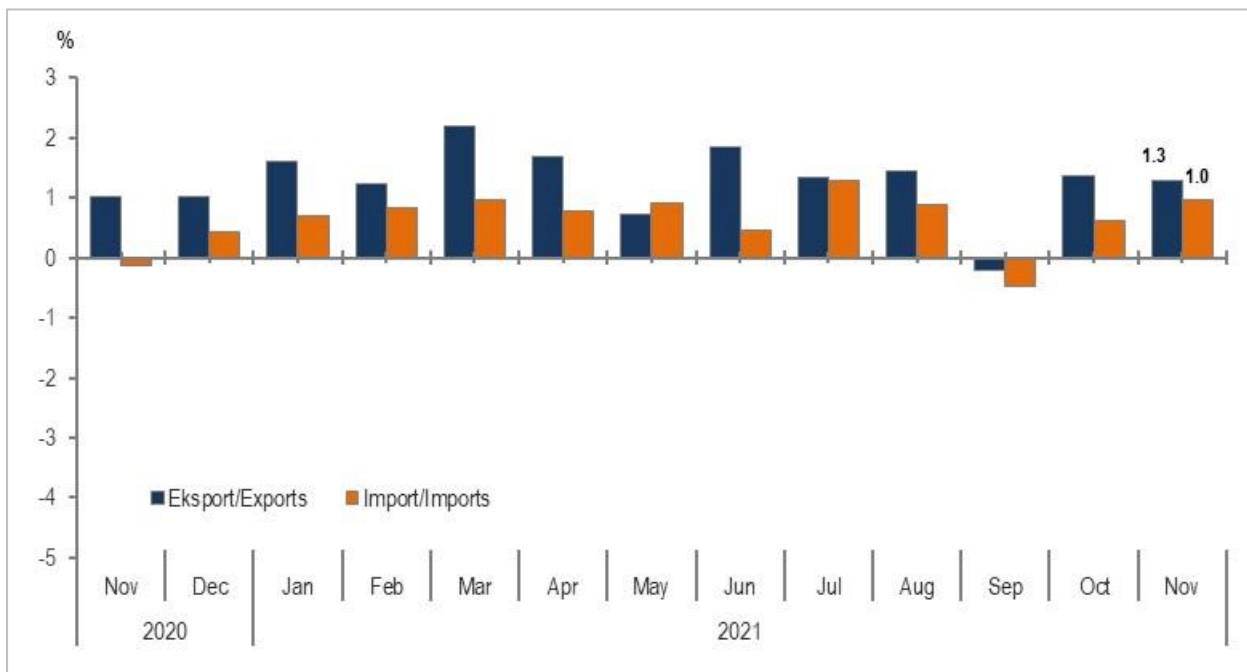
# CARTA *CHARTS*



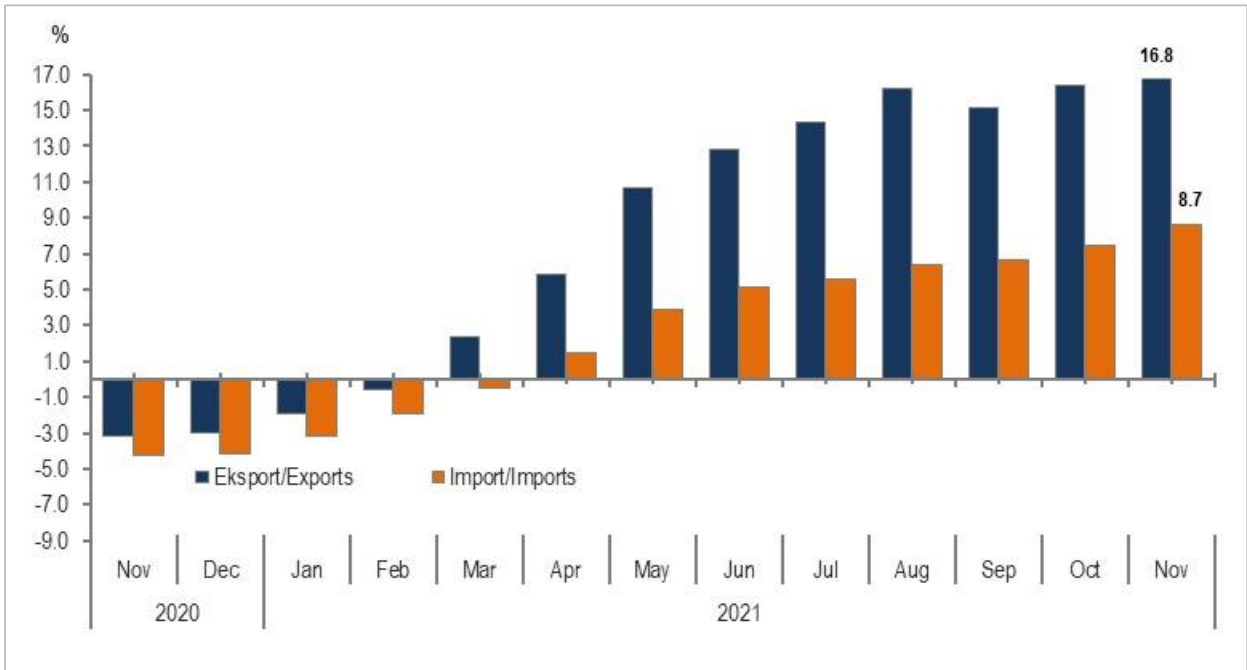
Carta 1.1: Indeks Nilai Seunit Eksport dan Import  
 Chart 1.1: Export and Import Unit Value Index



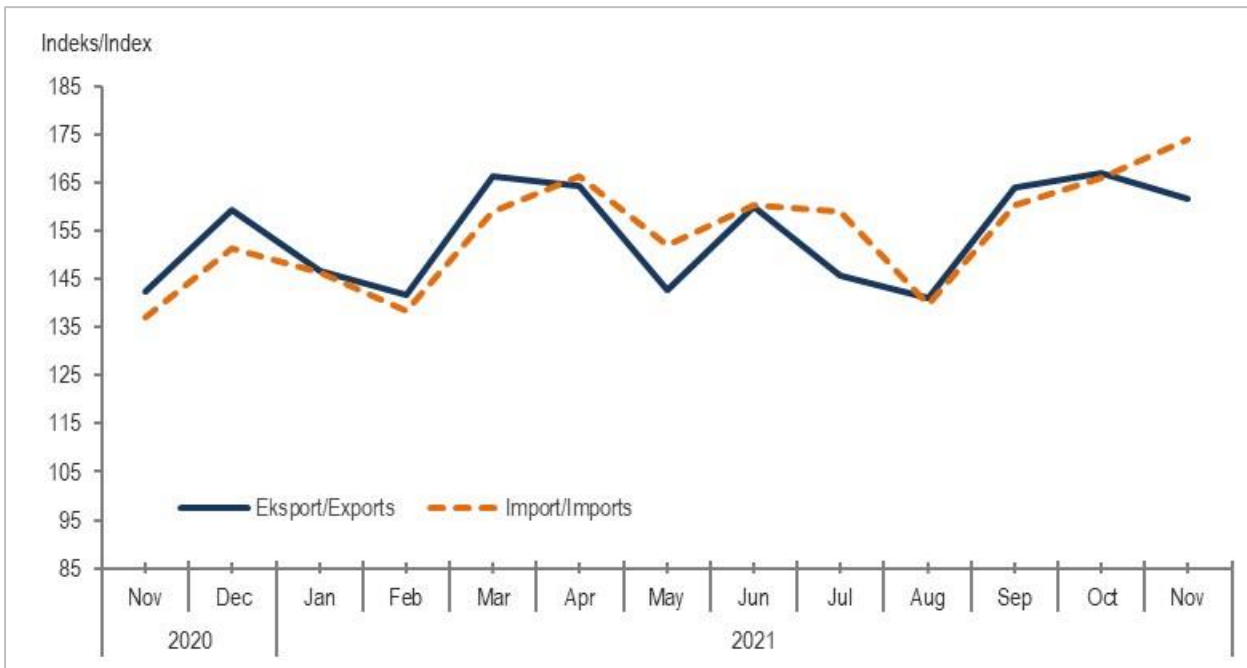
Carta 1.2: Peratus Perubahan Bulan ke Bulan Eksport dan Import Indeks Nilai seunit  
 Chart 1.2: Month-on-Month Percentage Change in Export and Import Unit Value Index



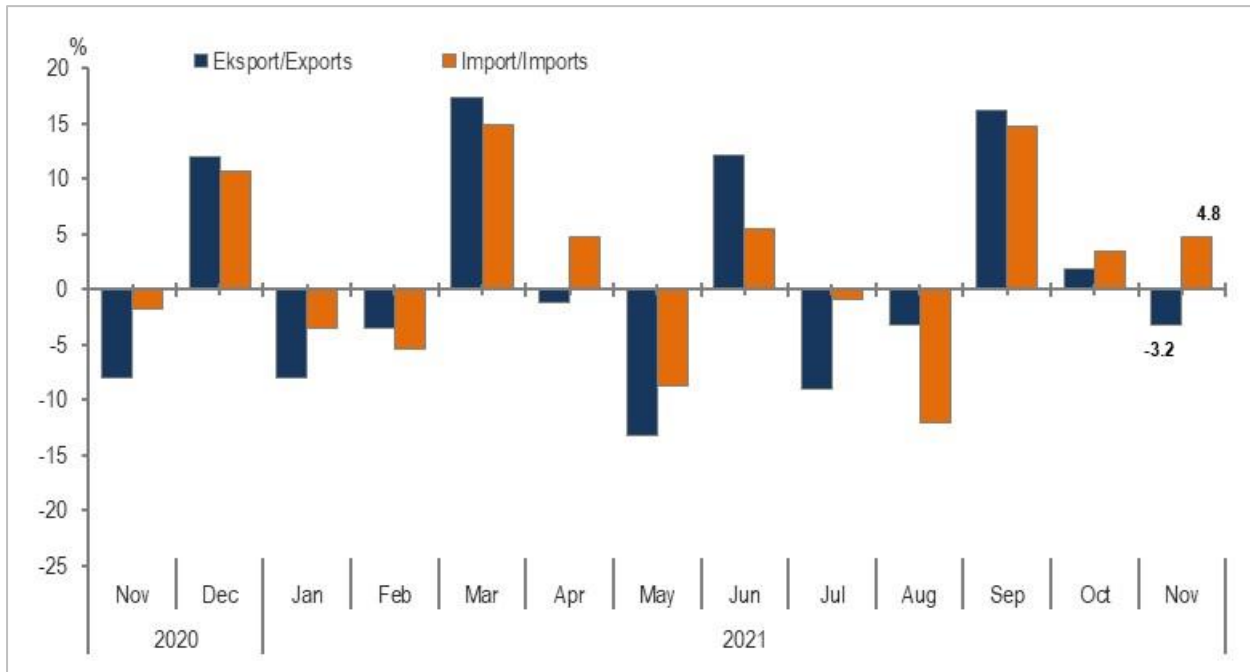
Carta 1.3: Peratus Perubahan Tahun Ke Tahun Indeks Nilai Seunit Eksport dan Import  
 Chart 1.3: Year-on-Year Percentage Change in Export and Import Unit Value Index



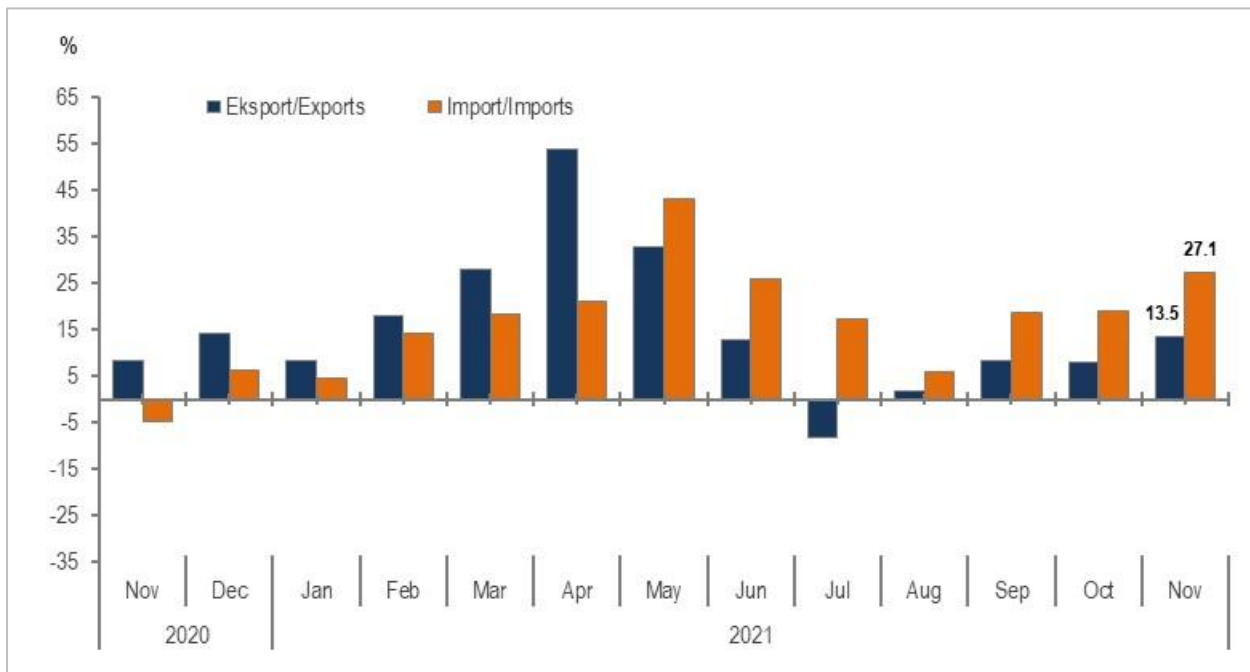
Carta 2.1: Indeks Volum Eksport dan Import  
 Chart 2.1: Export and Import Volume Indices



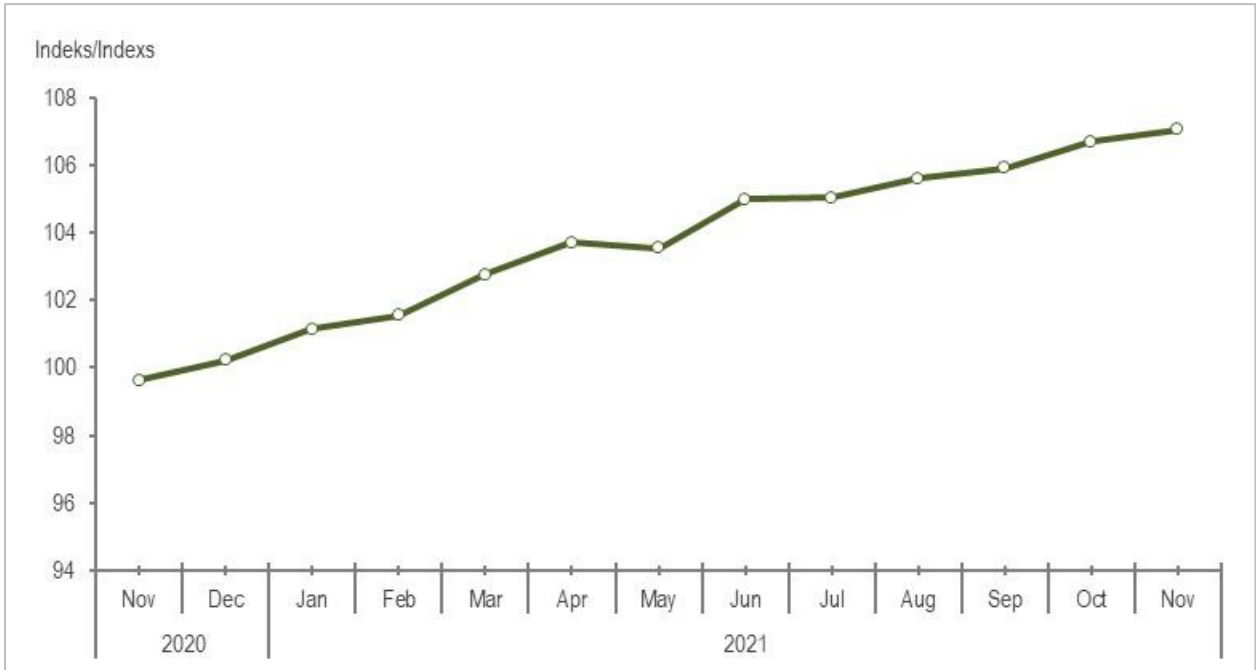
Carta 2.2: Peratus Perubahan Bulan ke Bulan Indeks Volum Eksport dan Import  
 Chart 2.2: Month-on-Month Percentage Change Export and Import Volume Index



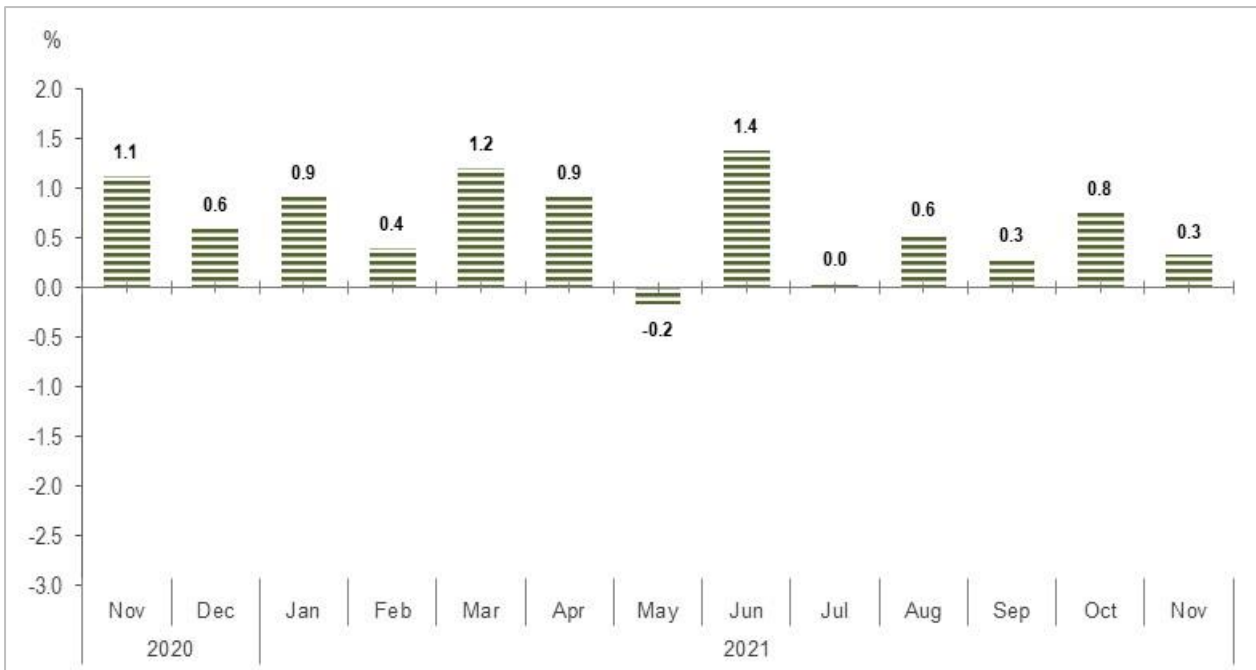
Carta 2.3: Peratus Perubahan Tahun ke Tahun Indeks Volum Eksport dan Import  
 Chart 2.3: Year-on-Year Percentage Change in Export and Import Volume Index



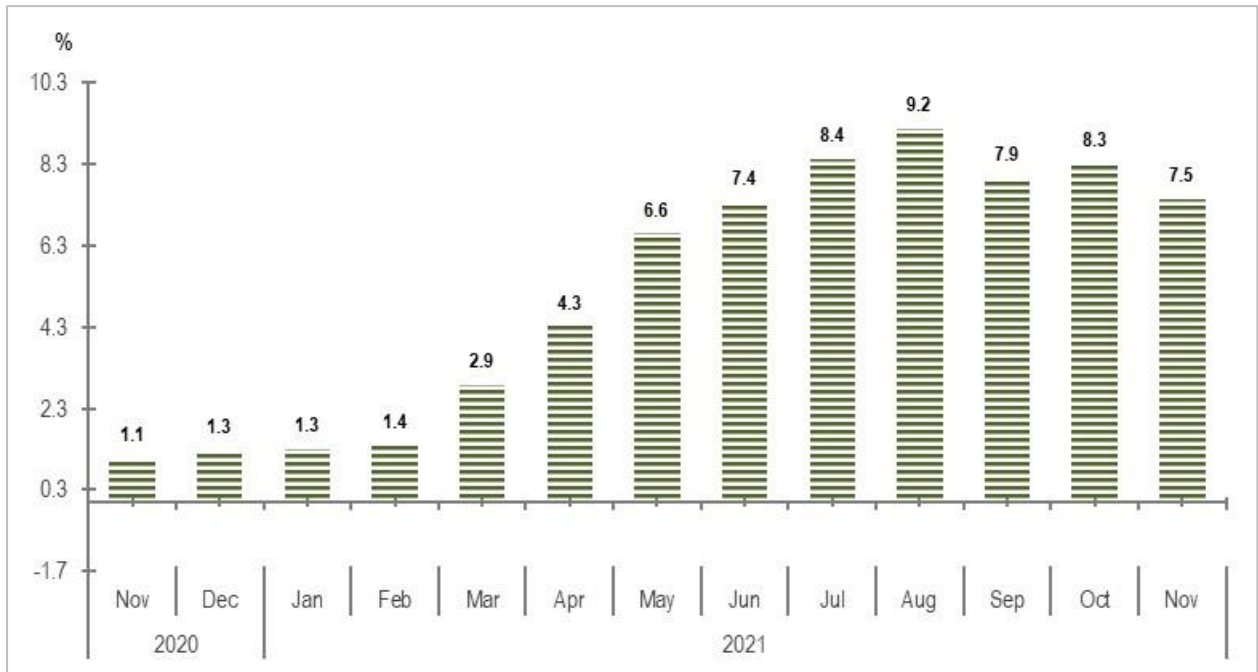
Carta 3.1: Indeks Terma Perdagangan  
 Chart 3.1: Terms of Trade Index



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



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



# JADUAL *TABLES*





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

TEMPOH PERIOD	JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN 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	
<b>WAJARAN / WEIGHTS</b>	<b>100.0</b>	<b>3.5</b>	<b>0.6</b>	<b>2.7</b>	<b>16.1</b>	<b>6.0</b>	<b>7.8</b>	<b>9.7</b>	<b>42.3</b>	<b>10.9</b>	<b>0.4</b>	
<b>2010</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
<b>2011</b>	111.3	110.7	100.8	125.1	130.1	127.8	112.7	107.9	102.0	106.0	117.7	
<b>2012</b>	112.4	112.6	101.5	108.5	141.7	113.8	110.8	98.9	105.1	107.7	147.8	
<b>2013</b>	110.5	114.0	102.1	94.7	140.0	96.3	109.8	96.1	105.7	109.8	149.0	
<b>2014</b>	111.7	117.1	103.7	84.7	142.1	101.9	116.3	96.7	105.7	111.7	151.8	
<b>2015</b>	107.1	122.9	108.7	82.0	99.9	93.2	126.7	100.1	109.1	116.5	147.6	
<b>2016</b>	104.9	129.7	115.7	79.9	75.2	100.4	133.7	99.7	109.7	120.4	172.4	
<b>2017</b>	112.5	138.6	124.5	91.2	96.1	113.8	149.0	104.5	111.0	124.3	193.5	
<b>2018</b>	114.4	143.1	132.7	84.9	111.9	97.1	154.8	106.0	110.1	126.2	197.7	
<b>2019</b>	115.3	146.7	142.7	84.4	112.1	87.7	153.7	103.0	112.8	129.0	187.6	
<b>2020</b>	112.4	151.6	147.7	83.8	84.1	107.5	154.5	101.9	114.0	129.9	172.3	
<b>2019</b>	<b>NOV</b>	<i>NOV</i>	115.5	148.6	145.2	83.3	109.9	90.9	153.4	102.2	113.7	184.3
	<b>DIS</b>	<i>DEC</i>	116.5	148.8	145.3	83.5	112.8	100.7	153.0	102.0	113.1	186.7
<b>2020</b>	<b>JAN</b>	<i>JAN</i>	117.1	149.4	145.8	83.7	115.5	106.3	153.3	101.8	112.5	186.0
	<b>FEB</b>	<i>FEB</i>	116.9	149.5	146.1	83.8	110.9	112.2	153.4	101.7	113.0	182.5
	<b>MAC</b>	<i>MAR</i>	116.1	150.2	146.6	84.2	104.5	110.9	153.9	101.9	113.7	176.9
	<b>APR</b>	<i>APR</i>	114.1	150.3	147.2	84.0	93.2	105.2	154.0	102.1	114.6	174.6
	<b>MEI</b>	<i>MAY</i>	109.9	150.9	147.4	83.4	74.1	98.7	153.6	101.4	114.1	170.5
	<b>JUN</b>	<i>JUN</i>	109.9	151.3	147.5	83.2	74.0	93.0	153.7	101.1	115.0	168.5
	<b>JUL</b>	<i>JUL</i>	109.8	151.8	148.0	83.3	70.5	97.5	154.0	101.4	115.4	170.8
	<b>OGOS</b>	<i>AUG</i>	109.7	152.5	148.2	82.8	68.6	102.8	154.7	101.6	114.7	167.5
	<b>SEP</b>	<i>SEP</i>	110.5	152.7	148.5	83.0	72.2	108.3	155.1	101.7	114.1	164.8
	<b>OKT</b>	<i>OCT</i>	110.7	153.1	148.9	83.8	70.0	114.0	155.4	102.1	114.4	163.9
	<b>NOV</b>	<i>NOV</i>	111.8	153.6	149.1	85.0	76.0	116.0	156.1	102.6	113.8	167.9
	<b>DIS</b>	<i>DEC</i>	113.0	153.9	149.3	85.8	79.8	125.0	157.2	103.2	113.0	173.3
<b>2021</b>	<b>JAN</b>	<i>JAN</i>	114.8	154.4	149.8	86.0	86.6	133.0	158.4	103.7	112.7	169.9
	<b>FEB</b>	<i>FEB</i>	116.2	155.1	150.4	87.3	89.7	139.4	159.3	104.3	113.2	174.0
	<b>MAC</b>	<i>MAR</i>	118.8	155.6	150.8	88.7	97.1	144.9	161.0	105.1	114.4	179.9
	<b>APR</b>	<i>APR</i>	120.8	156.4	151.5	89.7	101.7	153.7	162.3	106.0	115.0	183.0
	<b>MEI</b>	<i>MAY</i>	121.7	157.2	152.1	89.9	103.0	158.5	163.0	106.5	115.3	184.1
	<b>JUN</b>	<i>JUN</i>	123.9	157.7	152.4	90.4	110.5	164.1	163.6	107.4	116.2	187.6
	<b>JUL</b>	<i>JUL</i>	125.6	158.1	152.5	90.6	117.9	159.6	164.1	107.9	117.5	189.4
	<b>OGOS</b>	<i>AUG</i>	127.4	158.2	153.5	91.0	124.1	161.8	165.5	108.8	118.2	195.7
	<b>SEP</b>	<i>SEP</i>	127.1	158.3	154.2	91.1	122.7	167.1	166.2	108.6	117.3	195.3
	<b>OKT</b>	<i>OCT</i>	128.9	158.4	154.6	91.0	130.4	172.6	167.8	108.7	117.1	203.4
	<b>NOV<sup>P</sup></b>	<i>NOV<sup>P</sup></i>	130.6	158.7	155.6	91.1	137.4	174.5	169.1	108.5	117.5	208.2

**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.)**

TEPOH 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
<b>WAJARAN / WEIGHTS</b>			<b>100.0</b>	<b>3.5</b>	<b>0.6</b>	<b>2.7</b>	<b>16.1</b>	<b>6.0</b>	<b>7.8</b>	<b>9.7</b>	<b>42.3</b>	<b>10.9</b>	<b>0.4</b>
2019	NOV	NOV	-0.5	0.4	0.1	-0.8	-2.6	1.9	-0.1	-0.1	-0.3	-0.3	-0.6
	DIS	DEC	0.8	0.2	0.1	0.2	2.6	10.8	-0.2	-0.2	-0.5	-0.1	1.3
2020	JAN	JAN	0.5	0.4	0.3	0.2	2.4	5.6	0.2	-0.2	-0.6	-0.2	-0.4
	FEB	FEB	-0.2	0.1	0.2	0.2	-4.0	5.5	0.1	-0.1	0.4	0.2	-1.9
	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 <sup>P</sup>	NOV <sup>P</sup>	1.3	0.2	0.6	0.03	5.4	1.1	0.8	-0.2	0.4	0.1	2.4

## MALAYSIA

JADUAL 1C : PERATUS PERUBAHAN TAHUN KE TAHUN INDEKS NILAI SEUNIT BAGI EKSPORT (2010=100) MENGIKUT SEKSYEN BARANGAN (S.I.T.C.)

TABLE 1C : YEAR-ON-YEAR PERCENTAGE CHANGE EXPORT UNIT VALUE INDICES (2010=100) BY COMMODITY SECTION (S.I.T.C.)

TEMPOH PERIOD	JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN 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
<b>WAJARAN / WEIGHTS</b>	<b>100.0</b>	<b>3.5</b>	<b>0.6</b>	<b>2.7</b>	<b>16.1</b>	<b>6.0</b>	<b>7.8</b>	<b>9.7</b>	<b>42.3</b>	<b>10.9</b>	<b>0.4</b>
<b>2011</b>	11.3	10.7	0.8	25.1	30.1	27.8	12.7	7.9	2.0	6.0	17.7
<b>2012</b>	1.0	1.7	0.7	-13.2	8.9	-11.0	-1.6	-8.3	3.0	1.6	25.6
<b>2013</b>	-1.7	1.3	0.6	-12.7	-1.2	-15.4	-0.9	-2.9	0.6	1.9	0.8
<b>2014</b>	1.2	2.7	1.6	-10.6	1.5	5.8	5.9	0.7	0.0	1.8	1.9
<b>2015</b>	-4.2	4.9	4.8	-3.1	-29.7	-8.5	8.9	3.5	3.2	4.3	-2.7
<b>2016</b>	-2.0	5.6	6.5	-2.6	-24.7	7.7	5.5	-0.5	0.6	3.3	16.7
<b>2017</b>	7.2	6.9	7.6	14.2	27.8	13.3	11.5	4.8	1.2	3.2	12.3
<b>2018</b>	1.6	3.2	6.6	-6.9	16.4	-14.6	3.9	1.4	-0.8	1.6	2.2
<b>2019</b>	0.8	2.5	7.5	-0.7	0.1	-9.7	-0.7	-2.8	2.5	2.2	-5.1
<b>2020</b>	-2.5	3.4	3.5	-0.6	-24.9	22.5	0.5	-1.1	1.1	0.7	-8.2
<b>2019</b>	<b>NOV</b>	<i>NOV</i>	6.6	-1.8	-7.1	0.2	-2.2	-3.0	1.6	0.7	-10.4
	<b>DIS</b>	<i>DEC</i>	5.5	-1.2	-4.6	18.0	-2.0	-2.6	1.3	0.7	-6.7
<b>2020</b>	<b>JAN</b>	<i>JAN</i>	5.2	-0.5	3.9	26.8	-1.1	-2.2	0.6	0.3	-3.8
	<b>FEB</b>	<i>FEB</i>	5.1	-0.5	-0.1	28.5	-0.6	-2.0	1.4	0.7	-6.8
	<b>MAC</b>	<i>MAR</i>	5.3	-0.1	-7.3	24.1	0.3	-1.4	1.9	1.0	-6.4
	<b>APR</b>	<i>APR</i>	5.2	0.1	-17.0	22.0	0.3	-1.5	2.4	1.2	-9.0
	<b>MEI</b>	<i>MAY</i>	3.3	-1.6	-34.4	15.6	-0.2	-1.9	1.3	0.6	-9.3
	<b>JUN</b>	<i>JUN</i>	3.1	-2.6	-33.6	10.3	-0.2	-1.8	1.8	0.4	-10.6
	<b>JUL</b>	<i>JUL</i>	2.4	-2.4	-36.9	16.9	0.3	-1.7	1.8	0.3	-6.8
	<b>OGOS</b>	<i>AUG</i>	2.3	-2.5	-38.7	23.2	0.9	-0.7	1.1	0.6	-7.7
	<b>SEP</b>	<i>SEP</i>	2.5	-1.6	-36.8	21.9	1.1	-0.8	0.3	0.4	-10.7
	<b>OKT</b>	<i>OCT</i>	2.6	-0.2	-37.9	27.8	1.2	-0.2	0.3	0.6	-11.6
	<b>NOV</b>	<i>NOV</i>	2.7	2.1	-30.8	27.7	1.8	0.3	0.1	0.9	-8.9
	<b>DIS</b>	<i>DEC</i>	2.8	2.7	-29.2	24.2	2.8	1.2	-0.1	0.9	-7.2
<b>2021</b>	<b>JAN</b>	<i>JAN</i>	2.8	2.8	-25.0	25.2	3.4	1.9	0.2	1.4	-8.7
	<b>FEB</b>	<i>FEB</i>	2.9	4.2	-19.1	24.3	3.9	2.6	0.2	1.4	-4.6
	<b>MAC</b>	<i>MAR</i>	2.9	5.3	-7.0	30.6	4.6	3.1	0.6	1.5	1.7
	<b>APR</b>	<i>APR</i>	2.9	6.7	9.1	46.2	5.4	3.8	0.4	1.7	4.8
	<b>MEI</b>	<i>MAY</i>	3.2	7.8	39.0	60.7	6.1	5.0	1.1	2.4	8.0
	<b>JUN</b>	<i>JUN</i>	3.3	8.6	49.3	76.5	6.4	6.3	1.0	2.1	11.4
	<b>JUL</b>	<i>JUL</i>	3.1	8.8	67.2	63.7	6.6	6.4	1.8	2.2	10.8
	<b>OGOS</b>	<i>AUG</i>	3.6	10.0	80.9	57.4	7.0	7.1	3.0	2.2	16.8
	<b>SEP</b>	<i>SEP</i>	3.7	9.8	69.9	54.3	7.2	6.8	2.8	2.1	18.5
	<b>OKT</b>	<i>OCT</i>	3.9	8.7	86.1	51.4	7.9	6.5	2.4	1.6	24.1
	<b>NOV<sup>P</sup></b>	<i>NOV<sup>P</sup></i>	4.4	7.1	80.8	50.4	8.3	5.8	3.3	1.7	24.0

**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		
2019	NOV	NOV	131.7	112.5	100.4	155.8	128.1	91.9	133.6	181.3	123.4	163.5	84.2
	DIS	DEC	139.5	109.4	79.1	168.1	141.8	90.1	138.2	163.6	138.5	168.1	91.3
2020	JAN	JAN	135.3	98.1	70.3	155.7	136.0	81.9	122.2	158.1	142.6	153.2	90.5
	FEB	FEB	120.0	97.8	74.2	141.1	110.1	74.7	125.5	166.0	113.5	162.8	83.1
	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 <sup>P</sup>	NOV <sup>P</sup>	161.6	121.6	63.3	172.5	129.0	104.4	173.6	240.6	168.1	203.7	64.8

## 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 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
2019	NOV	NOV	-10.4	0.6	17.1	-12.9	4.3	-5.0	-3.3	11.3	-23.1	-3.5	12.6
	DIS	DEC	5.9	-2.7	-21.2	7.9	10.7	-2.0	3.5	-9.8	12.2	2.8	8.4
2020	JAN	JAN	-3.0	-10.3	-11.1	-7.4	-4.1	-9.1	-11.6	-3.3	3.0	-8.9	-0.8
	FEB	FEB	-11.4	-0.3	5.6	-9.3	-19.1	-8.8	2.7	5.0	-20.4	6.3	-8.1
	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 <sup>p</sup>	NOV <sup>p</sup>	-3.2	3.6	7.6	-4.8	-3.5	7.4	-1.0	-12.1	-4.7	4.9	1.2

## 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 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	-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		
2019	NOV	NOV	-4.8	8.5	-1.5	-3.7	-16.5	-3.0	-1.9	16.1	-10.5	13.3	2.6
	DIS	DEC	1.9	3.7	-19.8	25.5	7.0	9.0	-3.1	11.1	-3.9	13.7	-13.6
2020	JAN	JAN	-4.9	1.6	-20.5	-17.2	1.6	-23.8	-13.6	1.4	-4.5	4.5	-3.1
	FEB	FEB	7.6	17.9	-11.0	14.3	5.6	-13.8	8.1	26.0	-0.8	39.4	11.8
	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 <sup>P</sup>	NOV <sup>P</sup>	13.5	24.7	4.6	6.5	2.7	30.1	39.6	51.1	15.6	-3.4	72.0

**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			
<b>WAJARAN / WEIGHTS</b>	<b>100.0</b>	<b>6.8</b>	<b>0.6</b>	<b>3.3</b>	<b>12.9</b>	<b>1.1</b>	<b>10.5</b>	<b>13.4</b>	<b>41.8</b>	<b>7.6</b>	<b>2.0</b>			
<b>2010</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
<b>2011</b>	105.5	106.7	101.5	105.4	125.6	135.4	101.8	102.1	101.8	101.5	125.7			
<b>2012</b>	106.9	109.1	100.9	102.0	130.8	110.7	102.2	102.0	103.7	102.6	138.5			
<b>2013</b>	107.2	111.8	102.4	100.3	128.7	88.9	100.8	102.1	105.5	104.0	131.0			
<b>2014</b>	108.3	116.0	103.3	99.4	127.0	103.7	101.1	102.0	107.3	105.1	121.0			
<b>2015</b>	107.4	119.8	103.5	100.9	93.5	97.6	103.0	102.4	111.0	106.5	136.1			
<b>2016</b>	108.9	120.9	105.5	97.6	75.2	116.0	103.1	100.9	116.6	110.7	159.2			
<b>2017</b>	115.5	131.7	109.3	114.0	99.6	145.8	107.3	106.0	119.0	113.2	166.7			
<b>2018</b>	117.8	135.1	112.1	107.1	121.3	125.5	110.0	107.9	118.1	112.1	156.3			
<b>2019</b>	117.4	138.4	115.1	106.7	109.0	110.4	110.4	108.3	120.1	112.6	172.2			
<b>2020</b>	113.9	141.6	117.0	107.2	79.6	127.1	109.7	107.9	119.0	112.5	212.7			
12	<b>2019</b>	<b>NOV</b>	NOV	117.2	139.5	115.7	106.1	106.9	113.0	110.1	107.8	120.0	112.6	179.4
	<b>DIS</b>	DEC	117.7	139.9	116.0	105.1	110.8	110.8	121.2	109.9	107.8	119.7	112.5	180.9
2020	<b>JAN</b>	JAN	117.2	140.2	116.1	104.7	108.4	127.0	109.6	107.9	119.2	112.4	184.3	
	<b>FEB</b>	FEB	116.7	140.6	116.3	105.9	101.3	132.0	109.5	107.7	119.7	112.6	191.0	
	<b>MAC</b>	MAR	116.2	141.3	116.4	107.1	94.7	132.4	109.8	107.4	120.1	112.9	198.6	
	<b>APR</b>	APR	114.8	142.1	116.7	106.8	81.4	123.5	110.0	107.6	120.7	113.1	204.4	
	<b>MEI</b>	MAY	113.1	142.5	117.0	105.5	71.3	116.8	109.8	107.6	120.2	113.0	209.8	
	<b>JUN</b>	JUN	112.3	142.2	117.1	105.2	68.5	111.5	109.3	107.4	119.8	112.7	208.2	
	<b>JUL</b>	JUL	113.2	141.7	117.4	106.2	74.6	117.7	109.4	107.4	119.5	112.7	217.2	
	<b>OGOS</b>	AUG	113.4	141.6	117.3	105.8	75.6	117.6	109.3	107.8	118.8	112.5	237.3	
	<b>SEP</b>	SEP	112.6	141.6	117.4	107.0	71.7	124.0	109.5	108.2	118.2	112.2	226.8	
	<b>OKT</b>	OCT	112.4	141.9	117.5	107.9	68.7	129.0	109.8	108.4	118.0	112.3	231.4	
	<b>NOV</b>	NOV	112.2	142.0	117.5	111.0	67.3	141.4	110.2	108.7	117.5	112.1	224.9	
	<b>DIS</b>	DEC	112.7	142.1	117.8	113.0	71.7	152.2	110.4	109.2	116.9	111.9	218.7	
2021	<b>JAN</b>	JAN	113.5	142.2	117.9	112.9	77.2	158.5	111.0	109.7	116.5	112.0	218.9	
	<b>FEB</b>	FEB	114.5	142.6	118.2	114.1	82.0	162.7	111.3	110.3	116.8	112.0	214.1	
	<b>MAC</b>	MAR	115.6	143.2	118.3	117.6	85.8	171.2	111.8	110.8	117.6	112.4	205.0	
	<b>APR</b>	APR	116.4	144.1	118.4	120.4	88.3	177.4	112.3	111.6	117.8	112.2	211.8	
	<b>MEI</b>	MAY	117.5	144.7	118.7	119.9	94.6	181.6	112.5	112.6	117.4	112.5	218.1	
	<b>JUN</b>	JUN	118.1	145.4	119.1	121.0	96.0	189.6	112.8	113.4	117.5	112.6	217.1	
	<b>JUL</b>	JUL	119.6	145.7	119.3	120.3	103.8	187.7	113.2	113.9	118.4	112.9	218.7	
	<b>OGOS</b>	AUG	120.6	145.8	119.4	120.0	111.3	190.5	113.1	114.2	118.1	113.1	225.6	
	<b>SEP</b>	SEP	120.1	145.8	119.5	120.0	110.1	195.1	112.9	114.3	117.1	113.1	220.8	
	<b>OKT</b>	OCT	120.8	145.8	119.0	119.8	115.3	197.9	112.9	114.3	117.2	113.3	219.9	
<b>NOV<sup>P</sup></b>	NOV <sup>P</sup>	122.0	146.1	119.1	119.4	120.4	218.3	113.1	114.4	117.6	113.4	222.6		

## 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 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	
2019	NOV	NOV	-0.1	0.1	0.2	-0.4	0.7	1.6	-0.2	-0.1	-0.2	-0.2	-1.0
	DIS	DEC	0.4	0.3	0.2	-1.0	3.7	7.2	-0.2	-0.1	-0.2	-0.1	0.8
2020	JAN	JAN	-0.4	0.2	0.1	-0.3	-2.2	4.8	-0.3	0.1	-0.4	-0.1	1.9
	FEB	FEB	-0.5	0.3	0.2	1.1	-6.5	3.9	-0.1	-0.2	0.4	0.2	3.7
	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 <sup>p</sup>	NOV <sup>p</sup>	1.0	0.2	0.1	-0.3	4.5	10.3	0.2	0.06	0.4	0.1	1.2



## 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 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	
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	
2019	NOV	NOV	-2.3	2.2	2.0	-0.4	-17.1	-0.8	-1.1	-0.6	-0.1	14.4
	DIS	DEC	0.0	2.3	1.9	-0.2	-1.9	11.3	-1.1	-0.6	-0.2	13.1
2020	JAN	JAN	1.0	2.4	1.7	0.8	5.2	18.5	-1.1	0.0	-0.4	13.2
	FEB	FEB	0.3	2.7	1.8	1.7	-3.5	18.7	-0.9	-0.4	0.1	16.8
	MAC	MAR	-0.6	3.1	1.6	2.0	-12.4	17.8	-0.4	-1.0	0.3	22.7
	APR	APR	-2.9	3.3	1.7	-0.3	-29.6	10.6	-0.4	-1.1	0.5	27.0
	MEI	MAY	-4.9	3.1	1.6	-2.9	-39.7	5.3	-0.6	-1.5	-0.4	29.1
	JUN	JUN	-4.9	2.6	1.6	-3.9	-38.6	3.9	-1.3	-1.3	-0.5	22.9
	JUL	JUL	-3.7	2.2	1.8	-2.7	-31.9	12.4	-0.9	-0.9	-0.4	22.6
	OGOS	AUG	-3.6	1.8	1.7	-2.2	-30.0	12.7	-0.8	-0.4	-1.3	32.1
	SEP	SEP	-4.1	1.7	1.7	-0.1	-31.8	13.1	-0.8	0.1	-2.1	21.5
	OKT	OCT	-4.2	1.8	1.7	1.3	-35.3	16.0	-0.5	0.4	-1.9	27.6
	NOV	NOV	-4.2	1.8	1.5	4.6	-37.0	25.1	0.1	0.8	-2.0	25.4
	DIS	DEC	-4.2	1.6	1.6	7.5	-35.3	25.6	0.5	1.4	-2.4	20.9
2021	JAN	JAN	-3.2	1.4	1.6	7.8	-28.8	24.8	1.3	1.6	-2.3	18.8
	FEB	FEB	-1.9	1.4	1.6	7.8	-19.1	23.2	1.6	2.4	-2.4	12.1
	MAC	MAR	-0.5	1.4	1.7	9.7	-9.4	29.3	1.8	3.2	-2.1	3.2
	APR	APR	1.5	1.4	1.5	12.7	8.4	43.7	2.1	3.7	-2.5	3.6
	MEI	MAY	3.8	1.6	1.5	13.6	32.7	55.6	2.5	4.7	-2.3	4.0
	JUN	JUN	5.1	2.3	1.7	15.0	40.1	70.1	3.2	5.6	-1.9	4.2
	JUL	JUL	5.6	2.8	1.6	13.2	39.1	59.5	3.5	6.0	-0.9	0.7
	OGOS	AUG	6.4	3.0	1.8	13.5	47.2	62.0	3.5	5.9	-0.6	-4.9
	SEP	SEP	6.6	3.0	1.8	12.2	53.5	57.3	3.1	5.7	-0.9	-2.6
	OKT	OCT	7.5	2.8	1.3	11.0	67.8	53.4	2.8	5.5	-0.7	-5.0
	NOV <sup>P</sup>	NOV <sup>P</sup>	8.7	2.9	1.4	7.5	78.9	54.4	2.6	5.2	0.04	-1.1

**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 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
<b>2010</b>			100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>2011</b>			102.8	106.7	129.4	120.8	102.3	119.1	110.6	112.1	95.8	110.6	103.5
<b>2012</b>			107.4	109.3	159.2	125.5	125.1	120.9	111.5	112.5	98.3	113.7	98.9
<b>2013</b>			114.5	114.8	168.5	122.5	154.8	65.6	123.2	127.6	100.1	111.1	130.2
<b>2014</b>			119.4	121.6	166.4	113.7	171.6	61.7	136.4	130.8	101.7	123.8	133.3
<b>2015</b>			120.8	125.1	186.6	114.7	171.7	98.8	141.5	133.5	102.2	147.6	120.9
<b>2016</b>			121.4	127.8	182.5	130.8	181.1	65.3	149.1	132.9	103.6	153.5	89.2
<b>2017</b>			137.2	128.8	143.1	152.3	203.8	64.2	167.8	141.1	119.8	165.0	119.1
<b>2018</b>			141.4	122.8	144.4	175.7	197.8	74.5	181.1	145.7	123.5	166.2	118.7
<b>2019</b>			137.0	122.9	137.4	201.3	214.6	82.1	176.5	139.5	113.3	164.3	97.6
<b>2020</b>			133.1	129.5	95.3	196.9	224.1	95.3	163.0	128.6	112.3	154.9	80.4
<b>2019</b>	<b>NOV</b>	<i>NOV</i>	144.0	119.8	148.8	226.4	234.0	78.3	176.1	146.1	118.7	183.3	105.8
	<b>DIS</b>	<i>DEC</i>	142.7	135.3	172.5	220.8	227.8	116.4	172.8	143.6	115.2	184.3	105.0
<b>2020</b>	<b>JAN</b>	<i>JAN</i>	140.1	128.0	91.0	220.4	247.7	125.0	171.0	148.9	110.7	164.0	79.5
	<b>FEB</b>	<i>FEB</i>	121.1	123.4	86.5	164.5	227.5	79.3	154.2	118.5	95.7	137.1	88.7
	<b>MAC</b>	<i>MAR</i>	134.5	148.7	104.2	206.6	299.1	91.8	183.2	131.5	98.5	134.8	56.7
	<b>APR</b>	<i>APR</i>	137.5	126.6	68.9	190.4	210.2	84.6	162.7	126.3	132.4	114.0	20.7
	<b>MEI</b>	<i>MAY</i>	106.4	119.8	71.7	143.5	148.3	49.8	137.2	96.5	95.6	129.0	20.6
	<b>JUN</b>	<i>JUN</i>	127.5	131.3	81.4	175.0	213.8	84.4	152.6	123.6	107.8	160.6	80.8
	<b>JUL</b>	<i>JUL</i>	135.4	121.6	90.7	184.2	246.7	94.8	152.7	136.5	116.5	161.1	66.4
	<b>OGOS</b>	<i>AUG</i>	132.3	131.4	99.1	201.8	223.5	73.9	156.0	120.6	111.4	168.0	113.2
	<b>SEP</b>	<i>SEP</i>	135.2	126.5	101.3	207.1	190.9	96.6	162.9	132.8	117.3	170.0	100.6
	<b>OKT</b>	<i>OCT</i>	139.4	130.0	114.8	210.5	263.6	76.7	163.0	135.0	117.9	168.4	76.5
	<b>NOV</b>	<i>NOV</i>	136.9	130.0	117.8	206.7	214.0	101.3	168.1	129.5	116.0	167.4	126.5
	<b>DIS</b>	<i>DEC</i>	151.5	136.2	115.9	251.9	204.3	185.0	192.1	143.9	128.2	184.1	134.3
<b>2021</b>	<b>JAN</b>	<i>JAN</i>	146.3	131.3	85.1	251.8	209.5	154.7	178.4	139.5	123.0	164.9	172.1
	<b>FEB</b>	<i>FEB</i>	138.4	122.7	80.0	239.3	236.1	104.4	173.1	129.3	113.6	154.5	145.5
	<b>MAC</b>	<i>MAR</i>	159.0	147.9	92.0	259.8	212.1	112.9	212.9	147.0	130.5	180.2	290.3
	<b>APR</b>	<i>APR</i>	166.4	155.2	96.2	249.8	333.9	96.3	206.1	154.6	130.9	191.8	175.5
	<b>MEI</b>	<i>MAY</i>	152.0	135.7	96.8	252.9	219.1	97.5	205.8	148.9	127.6	188.6	103.6
	<b>JUN</b>	<i>JUN</i>	160.3	153.3	110.4	255.4	264.1	139.5	222.6	153.8	131.3	180.4	61.4
	<b>JUL</b>	<i>JUL</i>	159.0	147.2	89.7	335.2	262.3	112.9	200.8	133.0	134.5	175.4	49.9
	<b>OGOS</b>	<i>AUG</i>	139.9	134.7	93.1	203.2	168.6	101.6	199.1	128.6	126.2	166.2	70.3
	<b>SEP</b>	<i>SEP</i>	160.5	150.9	82.4	252.7	230.8	94.1	210.2	131.7	143.0	177.1	151.0
	<b>OKT</b>	<i>OCT</i>	166.1	148.1	77.4	239.2	249.8	116.8	207.5	136.6	149.5	178.1	166.9
	<b>NOV<sup>P</sup></b>	<i>NOV<sup>P</sup></i>	174.0	152.8	99.6	257.1	249.2	106.9	233.1	153.9	156.1	198.3	111.6

## 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 KILANG MISCELLANEOUS MANUFACTURED ARTICLES	9 PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES	
2019	NOV	NOV	1.4	-3.6	5.2	3.6	12.3	-32.4	3.9	-12.1	0.9	9.4	23.2
	DIS	DEC	-0.9	13.0	16.0	-2.5	-2.6	48.6	-1.9	-1.7	-3.0	0.5	-0.7
2020	JAN	JAN	-1.8	-5.4	-47.3	-0.2	8.7	7.4	-1.0	3.7	-4.0	-11.0	-24.3
	FEB	FEB	-13.6	-3.5	-4.9	-25.4	-8.2	-36.6	-9.8	-20.4	-13.6	-16.4	11.6
	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 <sup>p</sup>	NOV <sup>p</sup>	4.8	3.2	28.8	7.5	-0.3	-8.5	12.4	12.6	4.4	11.3	-33.1

## 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 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		
2019	NOV	NOV	-1.4	-3.4	-15.7	17.6	5.3	-28.6	-4.5	-1.0	-3.9	6.8	-2.0
	DIS	DEC	1.0	8.4	-18.1	20.7	11.2	40.5	-4.4	3.0	-5.6	6.4	9.5
2020	JAN	JAN	-3.2	-7.5	-3.5	4.0	21.3	78.2	-8.8	-4.2	-9.9	-1.0	-20.3
	FEB	FEB	11.6	23.6	-19.0	12.6	43.4	11.7	11.4	14.2	0.8	11.1	16.5
	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 <sup>P</sup>	NOV <sup>P</sup>	27.1	17.6	-15.5	24.4	16.5	5.6	38.7	18.8	34.6	18.4	-11.7

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

TEMPOH PERIOD	JUMLAH TOTAL	0 MAKANAN FOOD	1 MINUMAN DAN TEBAKAU BEVERAGES AND TOBACCO	2 BAHAN-BAHAN MENTAH TIDAK BOLEH DIMAKAN CRUDE MATERIALS, INEDIBLE	3 BAHAN API GALIAN, PELINCIR, DLL. MINERAL FUELS, LUBRICANTS, ETC.	4 MINYAK DAN LEMAK BINATANG DAN SAYUR-SAYURAN ANIMAL AND VEGETABLE OILS AND FATS	5 BAHAN KIMIA CHEMICALS	6 BARANG- BARANG KELUARAN KILANG MANUFACTURED GOODS	7 JENTERA & KELENGKAPAN PENGANGKUTAN MACHINERY & TRANSPORT EQUIPMENT	8 PELBAGAI BARANG KELUARAN KILANG MISCELLANEOUS MANUFACTURED ARTICLES	9 PELBAGAI URUS NIAGA DAN BARANGAN MISCELLANEOUS TRANSACTIONS AND COMMODITIES		
2010	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
2011	105.5	103.8	99.4	118.7	103.5	95.1	110.7	105.7	100.2	104.4	93.6		
2012	105.1	103.2	100.7	106.3	108.6	103.3	108.4	97.0	101.3	105.0	106.8		
2013	103.0	102.0	99.7	94.4	108.7	108.8	109.0	94.1	100.2	105.5	114.1		
2014	103.2	101.0	100.4	85.1	112.1	98.8	115.1	94.8	98.5	106.3	125.4		
2015	99.7	102.6	105.0	81.2	107.2	95.6	123.0	97.8	98.2	109.4	108.5		
2016	96.4	107.4	109.7	81.9	100.3	86.8	129.6	98.8	94.0	108.7	108.2		
2017	97.4	105.3	113.9	80.0	96.6	78.0	138.8	98.6	93.3	109.8	116.1		
2018	97.1	105.9	118.4	79.3	92.5	77.5	140.8	98.2	93.2	112.6	126.5		
2019	98.2	106.0	124.0	78.9	103.0	79.4	139.3	95.0	93.9	114.6	109.4		
2020	98.7	107.0	126.2	78.2	105.4	84.6	140.8	94.4	95.8	115.3	81.6		
2019	NOV	NOV	98.6	106.5	125.4	78.5	102.8	80.5	139.3	94.8	94.7	114.7	102.7
	DIS	DEC	99.0	106.4	125.3	79.5	101.8	83.1	139.2	94.7	94.5	114.7	103.2
2020	JAN	JAN	99.8	106.6	125.6	79.9	106.6	83.7	139.9	94.3	94.4	114.6	100.9
	FEB	FEB	100.2	106.3	125.6	79.2	109.5	85.0	140.1	94.4	94.4	114.6	95.5
	MAC	MAR	99.9	106.3	126.0	78.6	110.3	83.8	140.2	94.9	94.7	114.8	89.1
	APR	APR	99.4	105.7	126.2	78.7	114.5	85.1	140.0	94.9	94.9	114.9	85.4
	MEI	MAY	97.1	105.9	126.0	79.1	104.0	84.5	139.9	94.3	94.9	114.7	81.3
	JUN	JUN	97.8	106.4	125.9	79.1	108.0	83.4	140.7	94.1	96.0	114.3	80.9
	JUL	JUL	96.9	107.1	126.0	78.4	94.5	82.8	140.0	94.4	96.6	115.3	78.6
	OGOS	AUG	96.7	107.7	126.3	78.2	90.8	87.4	141.5	94.3	96.6	115.8	70.6
	SEP	SEP	98.1	107.9	126.5	77.6	100.8	87.3	141.6	94.0	96.6	116.0	72.7
	OKT	OCT	98.5	107.9	126.7	77.6	101.9	88.4	141.6	94.2	96.9	116.1	70.8
	NOV	NOV	99.6	108.2	126.9	76.6	112.9	82.1	141.6	94.3	96.8	116.3	74.6
	DIS	DEC	100.2	108.4	126.8	75.9	111.4	82.1	142.4	94.5	96.7	116.3	79.2
2021	JAN	JAN	101.1	108.6	127.1	76.2	112.3	83.9	142.8	94.5	96.8	116.5	77.6
	FEB	FEB	101.5	108.7	127.3	76.5	109.4	85.7	143.2	94.6	96.9	116.7	81.3
	MAC	MAR	102.8	108.7	127.5	75.4	113.2	84.6	144.0	94.8	97.3	117.1	87.7
	APR	APR	103.7	108.5	127.9	74.5	115.2	86.6	144.5	95.0	97.7	117.8	86.4
	MEI	MAY	103.5	108.6	128.1	75.0	108.9	87.3	144.8	94.6	98.2	118.0	84.4
	JUN	JUN	105.0	108.5	127.9	74.6	115.1	86.5	145.1	94.7	98.9	117.9	86.4
	JUL	JUL	105.0	108.5	127.8	75.3	113.6	85.1	144.9	94.7	99.3	117.7	86.6
	OGOS	AUG	105.6	108.5	128.5	75.8	111.6	84.9	146.3	95.3	100.1	117.7	86.8
	SEP	SEP	105.9	108.6	129.1	75.9	111.5	85.6	147.3	95.0	100.1	117.5	88.5
	OKT	OCT	106.7	108.6	129.9	76.0	113.1	87.2	148.6	95.1	99.9	116.9	92.5
	NOV <sup>P</sup>	NOV <sup>P</sup>	107.0	108.6	130.6	76.3	114.1	79.9	149.5	94.8	99.9	116.9	93.6

**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 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	
2019	NOV	NOV	-0.5	0.3	-0.1	-0.4	-3.2	0.3	0.1	0.0	-0.1	0.4	
	DIS	DEC	0.4	-0.1	-0.1	1.2	-1.0	3.3	0.0	-0.1	0.0	0.5	
2020	JAN	JAN	0.9	0.2	0.2	0.5	4.7	0.7	0.5	-0.4	-0.2	-2.2	
	FEB	FEB	0.3	-0.2	0.0	-0.9	2.7	1.6	0.1	0.1	0.0	-5.4	
	MAC	MAR	-0.3	-0.1	0.3	-0.7	0.8	-1.4	0.1	0.5	0.3	-6.7	
	APR	APR	-0.5	-0.5	0.2	0.1	3.8	1.6	-0.1	0.0	0.3	-4.2	
	MEI	MAY	-2.3	0.1	-0.1	0.5	-9.2	-0.7	-0.1	-0.6	0.0	-4.8	
	JUN	JUN	0.6	0.5	-0.1	0.0	3.8	-1.3	0.6	-0.2	1.1	-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	-2.1	
	FEB	FEB	0.4	0.2	0.1	0.5	-2.6	2.2	0.3	0.0	0.1	4.7	
	MAC	MAR	1.2	-0.1	0.2	-1.5	3.5	-1.3	0.6	0.2	0.4	8.0	
	APR	APR	0.9	-0.2	0.3	-1.2	1.8	2.4	0.4	0.1	0.4	-1.5	
	MEI	MAY	-0.2	0.1	0.1	0.7	-5.4	0.7	0.2	-0.4	0.5	-2.3	
	JUN	JUN	1.4	-0.1	-0.1	-0.5	5.6	-0.8	0.2	0.1	0.7	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 <sup>P</sup>	NOV <sup>P</sup>	0.3	0.002	0.5	0.4	0.9	-8.4	0.6	-0.3	0.004	-0.04	1.1

**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 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		
2019	NOV	NOV	1.8	0.5	4.5	-1.4	12.1	1.1	-1.1	-2.4	1.7	-21.7	
	DIS	DEC	0.8	0.4	3.5	-1.0	-2.7	6.0	-0.9	-2.0	1.5	-17.5	
2020	JAN	JAN	1.6	0.6	3.5	-1.3	-1.2	6.9	0.0	-2.2	1.1	0.3	-15.0
	FEB	FEB	2.2	0.3	3.2	-0.1	3.6	8.3	0.4	-0.4	1.4	0.4	-20.3
	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 <sup>P</sup>	NOV <sup>P</sup>	7.5	0.4	3.0	-0.4	1.0	-2.6	5.6	0.5	3.2	0.5	25.4

**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	
2018	NOV	NOV	138.4	-11.9	137.4	-5.7
	DIS	DEC	136.9	-1.1	133.1	-3.1
2019	JAN	JAN	142.3	3.9	139.8	5.0
	FEB	FEB	111.5	-21.6	129.9	-7.1
	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 <sup>P</sup>	NOV <sup>P</sup>	161.6	-3.2	162.2	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	
2018	NOV	NOV	146.0	-3.4	141.8	-2.7
	DIS	DEC	141.3	-3.2	136.9	-3.4
2019	JAN	JAN	144.7	2.4	142.3	3.9
	FEB	FEB	108.5	-25.0	122.8	-13.7
	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 <sup>P</sup>	NOV <sup>P</sup>	174.0	4.8	168.6	5.7

**JADUAL 8 : JADUAL TARIKH PENGELUARAN INDEKS PERDAGANGAN LUAR NEGERI (2010=100), JANUARI - DISEMBER 2021**

*TABLE 8 : SCHEDULE OF RELEASE DATES FOR EXTERNAL TRADE INDICES (2010=100), JANUARY - DECEMBER 2021*

<b>BULAN RUJUKAN</b> REFERENCE MONTH		<b>TARIKH PENGELUARAN PENERBITAN</b> RELEASE DATES OF PUBLICATION	
<b>JANUARI</b> JANUARY	4	<b>MAC</b> MARCH	<b>2021</b>
<b>FEBRUARI</b> FEBRUARY	2	<b>APRIL</b> APRIL	<b>2021</b>
<b>MAC</b> MARCH	4	<b>MEI</b> MAY	<b>2021</b>
<b>APRIL</b> APRIL	4	<b>JUN</b> JUNE	<b>2021</b>
<b>MEI</b> MAY	2	<b>JULAI</b> JULY	<b>2021</b>
<b>JUN</b> JUNE	4	<b>OGOS</b> AUGUST	<b>2021</b>
<b>JULAI</b> JULY	3	<b>SEPTEMBER</b> SEPTEMBER	<b>2021</b>
<b>OGOS</b> AUGUST	4	<b>OKTOBER</b> OCTOBER	<b>2021</b>
<b>SEPTEMBER</b> SEPTEMBER	3	<b>NOVEMBER</b> NOVEMBER	<b>2021</b>
<b>OKTOBER</b> OCTOBER	3	<b>DISEMBER</b> DECEMBER	<b>2021</b>
<b>NOVEMBER</b> NOVEMBER	4	<b>JANUARI</b> JANUARY	<b>2022</b>
<b>DISEMBER</b> DECEMBER	4	<b>FEBRUARI</b> FEBRUARY	<b>2022</b>

PENERBITAN INI AKAN DITERBITKAN DI LAMAN WEB JABATAN PERANGKAAN MALAYSIA  
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# **NOTA TEKNIKAL** ***TECHNICAL NOTES***



## NOTA TEKNIKAL

### 1. PENGENALAN

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

### 2. OBJEKTIF

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

### 3. SUMBER DATA

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

$$p^L = \frac{\sum p_n (p_o q_o)}{\sum (p_o q_o)} \times 100$$

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 disebarakan di peringkat SITC-1-digit dan Malaysia.

## 5. LIPUTAN

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

## 6. WAJARAN

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

## 7. KONSEP DAN DEFINISI

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

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

7.2 Indeks volum eksport dan import

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

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

7.3 Indeks terma perdagangan.

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

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

## 8. METODOLOGI

- 8.1 Proses pepadanan kod dilaksanakan bagi menyelaraskan kod *Harmonization System (HS)/ Asean Harmonised Tariff Nomenclature (AHTN)* 2012 dengan HS2017 yang digunakan bermula April 2017.
- 8.2 *Lumpy import* (seperti import kapal terbang dan kapal) adalah tidak termasuk dalam penyusunan.
- 8.3 Kod produk yang mempunyai transaksi kurang dari 7 bulan dalam setahun juga tidak diambil kira.

## 9. PELARASAN MUSIM

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

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

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

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

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

## 10. DASAR PINDAAN

Dasar bulan semasa adalah provisional (p) dan tertakluk kepada pindaan sehingga ia dimuktamadkan. Pindaan dibuat sekiranya wujud maklumat tambahan. Perangkaan muktamad Perangkaan Perdagangan Luar Negeri 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.



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# LAMPIRAN

## *APPENDIX*



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

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

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

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