

MIMOS and Microsoft's Artificial Intelligence Centre to Accelerate Malaysia's Industry 4.0

SEATTLE, UNITED STATES, – In line with Malaysia's goal to become a high-tech industry destination by 2025, MIMOS, an agency under the Ministry of International Trade & Industry Malaysia; and Microsoft have jointly established an Applied Artificial Intelligence (AI) Centre in Malaysia named "Centre of AI for Future Industry (CAIFI)". The strategic collaboration signifies the commitment by both parties to accelerate the nation's shift to Cloud, placing Malaysia on the roadmap to be a digital-first nation as strategized under the National Policy on Industry 4.0.

The partnership between MIMOS and Microsoft was announced by Malaysia's Minister of International Trade and Industry (MITI), YB Darell Leiking during his visit to the Microsoft Headquarters in Redmond, United States as part of the Ministry's Trade and Investment Mission.

Congratulating Microsoft and MIMOS on their partnership, YB Darell shared that "Amongst the key learnings from countries that have already embarked on their Industry 4.0 transformation are the need to pay attention and adopt modern technologies into the nation's digital plan and ecosystem."

"The Centre will deliver capacity development for rapid response government policy making, and tools required to increase intelligence and leverage on modern technologies such as AI in Malaysia. It is hoped to create a culture of innovation and continuous learning to enhance the adoption of Cloud," he added.

"We applaud the Government of Malaysia and MITI for the ambitious aspirations with National Policy on Industry 4.0 (Industry4WRD), among which is establishing Malaysia as the main destination for the high-tech industry by 2025", said Hossein Nowbar, Deputy General Counsel, Microsoft Corporation. He further added that Malaysia is well placed to play a leading role in the development of AI and other emerging tech and we welcome efforts by the Government to have progressive policies and forward looking regulatory environment.

The Centre will be equipped with Microsoft's IOT and AI programme, providing access to developmental tools for learning purposes. All workshops, trainings and labs

on AI and Internet of Things (IOT) will be conducted to help train entrepreneurs including SMEs and graduates from the finance and manufacturing industry to leverage on the power of these emerging technologies.

"We stand now at the dawn of a new era, one which is built on the cloud and based on data driven technologies," said K. Raman, Managing Director of Microsoft Malaysia. "We hope to play our part in setting the trajectory of our nation towards being a leader in innovation as well as technological skills, riming ourselves for Industry 4.0."

The collaboration between Microsoft and MIMOS is also in line with the recently launched ASEAN Digital Skills Vision 2020, an initiative that pledges to equip 20 million ASEAN workers with digital skills and opportunities in the next two years. As part of its pledge, Microsoft aims to provide 15,000 university students with internship opportunities, deliver digital skills training to 2.2 million SME employees, and to hire 8,500 digital workers by 2020 across ASEAN.

About MIMOS

MIMOS is Malaysia's national Applied Research and Development Centre. As a strategic agency under the Ministry of International Trade and Industry (MITI), MIMOS contributes to transforming Malaysia's industry through patentable technology platforms, products and solutions. To learn more about MIMOS, please visit www.mimos.my

About Microsoft

Microsoft (Nasdaq "MSFT" @microsoft) enables digital transformation for the era of an intelligent cloud and an intelligent edge. Its mission is to empower every person and every organization on the planet to achieve more.

For more information about this news release, please contact:

Laurence Sebastian
Assistant Manager
MIMOS Berhad
+603 8995 5000 | +601 9236 4938
laurence@mimos.my
www.mimos.my

Ministry of International Trade and Industry, 5 April 2019

MITI Minister Continues to Secure Partnerships in Artificial Intelligence

SEATTLE, UNITED STATES - In the third leg of the trade and investment mission to the United States (US), International Trade and Industry Minister Datuk Darell Leiking met with key companies around Seattle.

Darell met with Microsoft Corporation which further cemented stronger partnership between MIMOS, an agency under MITI and Microsoft through the establishment of "Centre of Artificial Intelligence for Future Industry (CAIFI)". The Centre complements Malaysia's National Policy on Industry 4.0. A separate joint media release was issued by MIMOS and Microsoft.

In a networking event with the Pacific Northwest Aerospace Alliance, Darell also met with 18 key players which included Fortune 500 companies in the aerospace industry. Separately, Darell also met with a cloud computing partner in exploring future opportunities for collaboration.

Earlier in New York, Darell was interviewed by Bloomberg Television's Daybreak Asia and CNN's Quest Means Business. In addition, Darell also had editorial meetings with the New York Times' Chief Executive Officer and

Wall Street Journal's Editor-in-Chief, touching on various issues including trade between Malaysia and the US, global economic situation and Malaysia's view on US-China trade friction.

Separately, Darell also continued his engagements with key companies based in the US and Canada which are in the theme park, aviation and financial services sectors.

In 2018, the US remained as Malaysia's top trading nation in North America region and Malaysia's third largest trading partner in the world at RM155.68 billion (USD38.57 billion, 8.3% share of Malaysia's total trade).

In term of implemented projects, the US remains as the second largest investors in Malaysia in sectors such as electric and electronics, medical devices, renewable energy and aerospace valued at RM74.01 billion (USD21.86 billion). Malaysian companies have successfully ventured in the US in diverse sectors from entertainment and resort, oleo-chemical, industrial packaging, furniture to banking reaching over USD14 billion.

Ministry of International Trade and Industry, 6 April 2019

Potential Investments Worth Rm6.6 Billion to be Realised from Trade & Investment Mission to the United States, 1 – 6 April 2019

The Minister of International Trade and Industry, YB Datuk Darell Leiking led a successful Trade and Investment Mission to the United States (US) organised by Malaysian Investment Development Authority (MIDA), Malaysia External Trade Development Corporation (MATRADE) and InvestKL from 1 to 6 April 2019. The mission was able to generate potential investments worth RM6.6 billion, mainly in key projects within the electrical and electronics and chemical industries.

Covering the cities of Washington DC, New York, Seattle and San Jose, YB Minister also held several bilateral discussions with senior US government officials to strengthen trade and economic relationships between the two countries.

A series of high level meetings were also held with potential US investors in the manufacturing and services sectors such as chemical, electrical and electronics and aerospace, while in the services sector include tourism, support services for business aviation and centre of excellence for financial services.

During the mission, YB Minister was also interviewed by several international media agencies. In these interviews, YB Minister expressed that both the US

and China have a global responsibility to resolve their differences amicably as their actions will impact all economies and the global supply chain. He also delivered key messages on investment opportunities in Malaysia.

There were also specific discussions on potential investments in data centres, while Microsoft Corporation and MIMOS, an agency under MITI had agreed establish the "Centre of Artificial Intelligence for Future Industry (CAIFI)" in Malaysia.

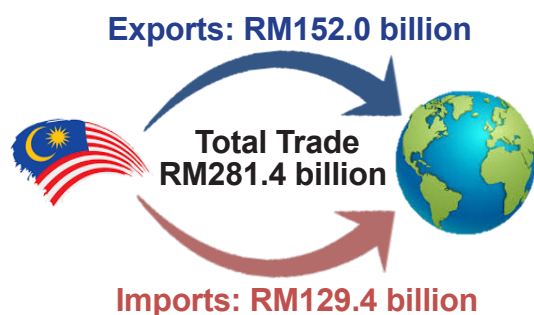
In conjunction with the mission, a seminar "Forging Stronger Economic Relationships between Malaysia and the US" was also organised in San Jose, California which attracted over 150 participants representing the manufacturing and services sectors. The seminar provided an update on the current economic situation and highlighted investment opportunities and potential business cooperation available in Malaysia.

YB Minister had the opportunity to network with successful Malaysian professionals based in the Silicon Valley as well as witnessed an exchange of Memorandum of Understanding on collaboration and development of professional programmes in the areas of AI, Internet of Things, robotics, blockchain and fintech.

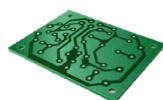
Ministry of International Trade and Industry, 8 April 2019

Trade Performance, January to February 2019

Total **trade dropped** by **2.2%** in the first two months of 2019 while **exports** decreased by **0.8%** and **imports** slipped by **3.8%**.



51.4% of exports was contributed by:



RM60.1 billion Electrical & Electronic Products
(39.5%)

73.9% Domestic Exports
(RM44.4 billion)

26.1% Re-exports
(RM15.7 billion)

Major destinations:

17.4% --> Singapore
14.3% --> Hong Kong
12.4% --> USA



RM9.1 billion Chemicals & Chemical Products
(6.0%)

87.7% Domestic Exports
(RM8.0 billion)

12.3% Re-exports
(RM1.1 billion)

Major destinations:

30.4% --> P.R. China
10.2% --> Indonesia
9.0% --> Thailand



RM8.9 billion Petroleum Products
(39.5%)

44.8% Domestic Exports
(RM4.0 billion)

55.2% Re-Exports
(RM4.9 billion)

Major destinations:

27.5% --> Singapore
15.9% --> P.R. China
8.8% --> Viet Nam

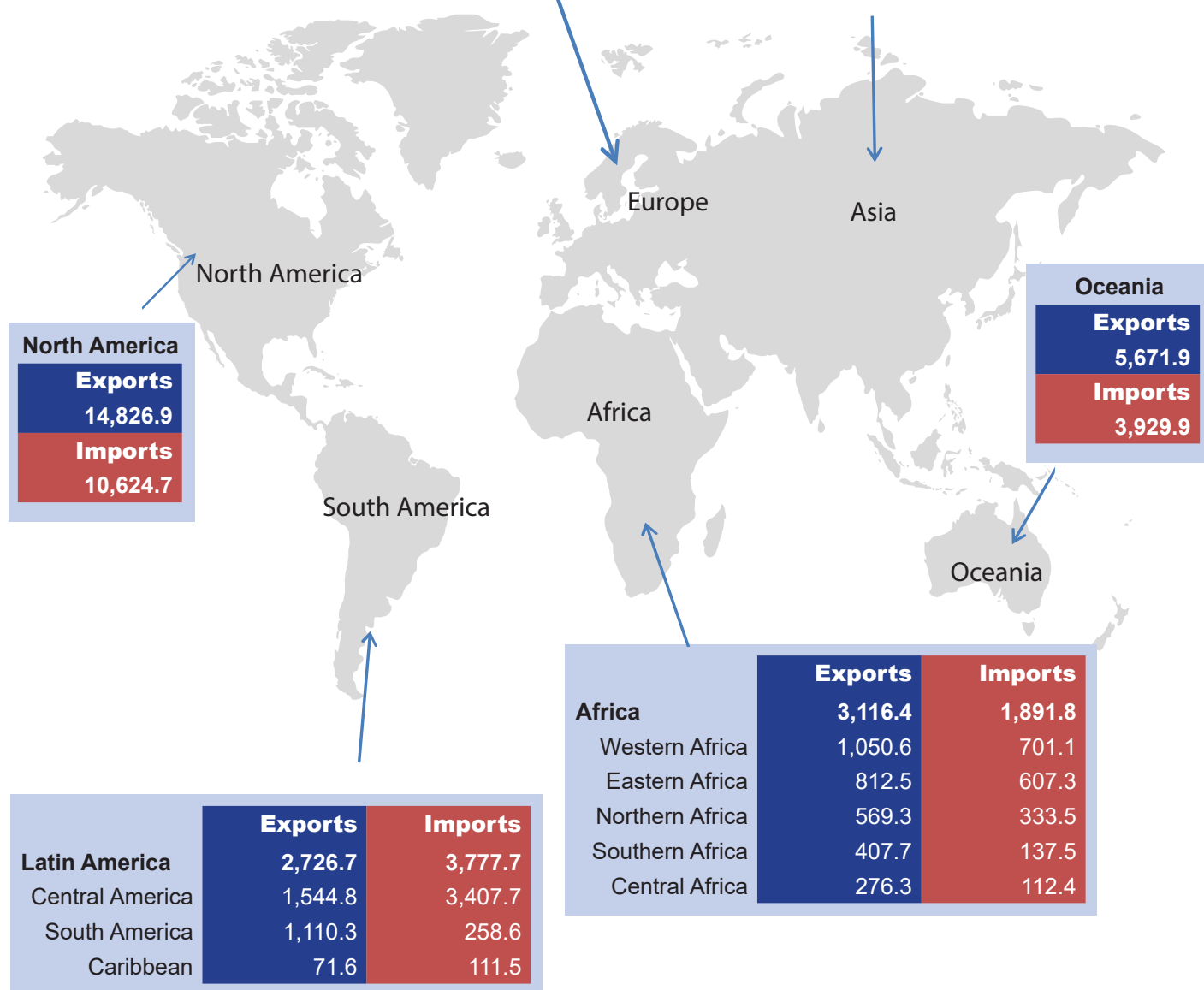
Source: Department of Statistics, Malaysia

Geographical Region Trade Performance, January to February 2019

* Value in RM million

| | Exports | Imports |
|----------------|-----------------|-----------------|
| Europe | 17,403.4 | 14,669.0 |
| Western Europe | 15,176.0 | 12,866.3 |
| Eastern Europe | 2,227.5 | 1,802.6 |

| | Exports | Imports |
|-----------------|------------------|-----------------|
| Asia | 108,233.7 | 94,511.6 |
| North-East Asia | 52,533.9 | 53,420.8 |
| South-East Asia | 43,744.4 | 31,141.1 |
| South Asia | 7,732.6 | 5,951.2 |
| West Asia | 4,126.7 | 3,986.2 |
| Central Asia | 96.1 | 12.2 |



Source: Department of Statistics, Malaysia

Papua New Guinea Economic Indicators 2017

71.8% Employment
in Services

7.6% Employment
in Industry

20.6%
Employment
in Agriculture

8.3 million
Population

2.0% annual
Growth rate

US\$19.8 billion
GDP at constant prices

2.2% annual
Growth rate

F D I
Flow
Inward **US\$-0.2**
billion

US\$4.4
billion F D I
Stock
Inward

US\$0.5
billion F D I
Stock
Outward

US\$8.2
billion
Merchandise
Goods
Exports

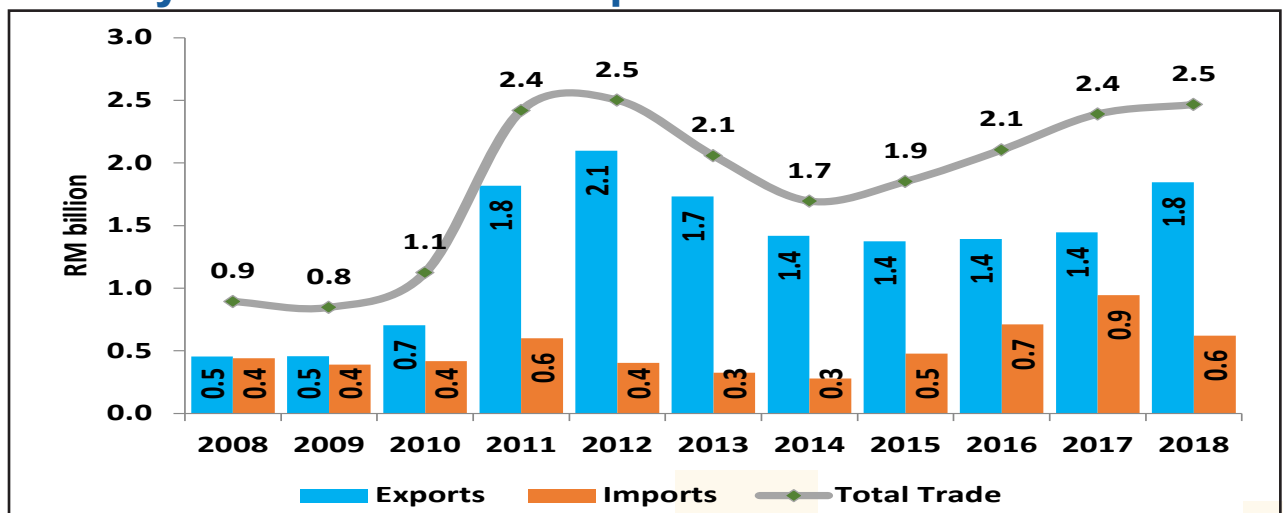
US\$3.6
billion
Merchandise
Goods
Imports

US\$0.2
billion
Commercial
Services
Exports

US\$1.3
billion
Commercial
Services
Imports

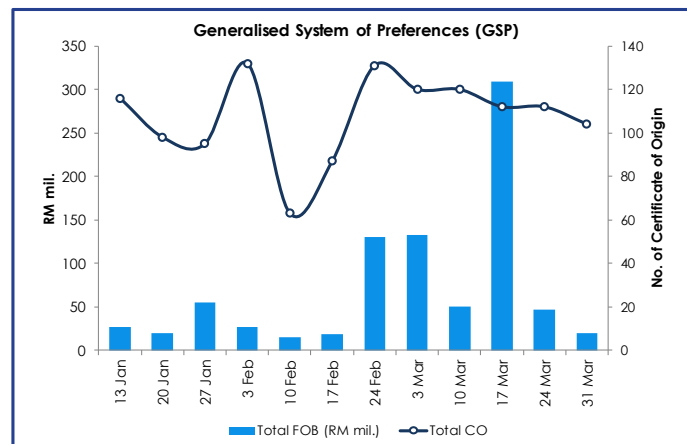
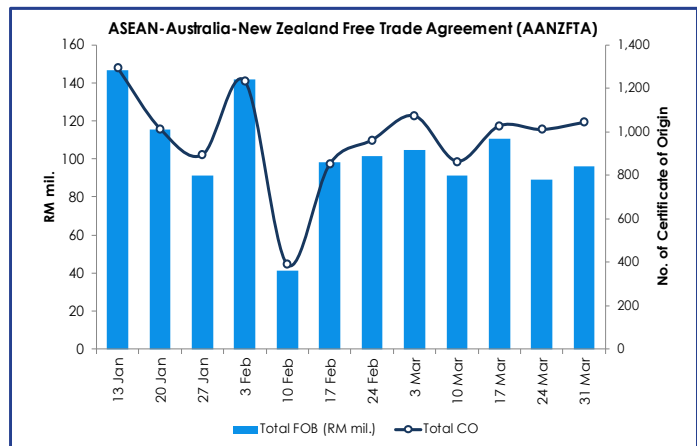
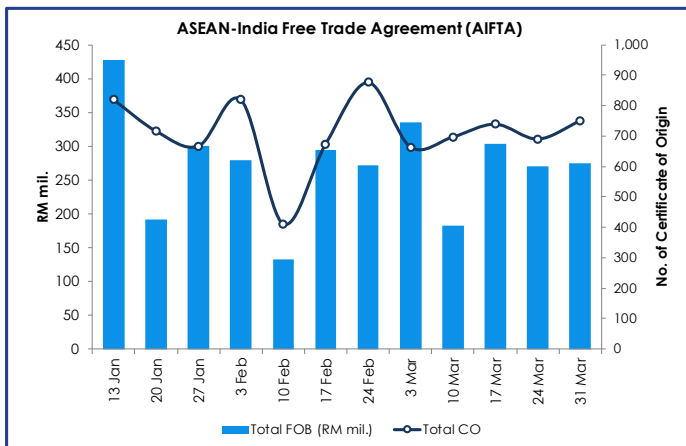
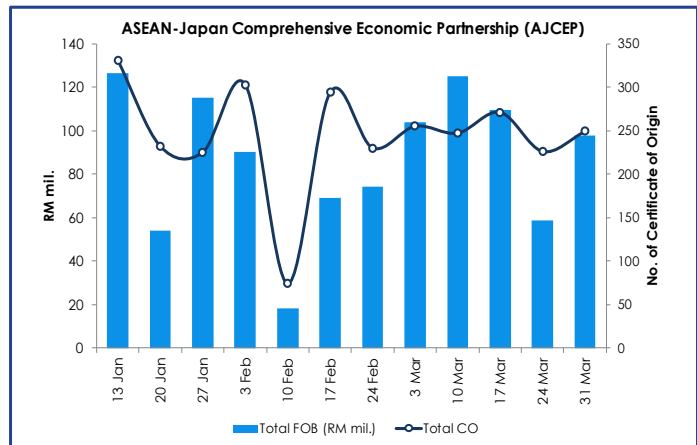
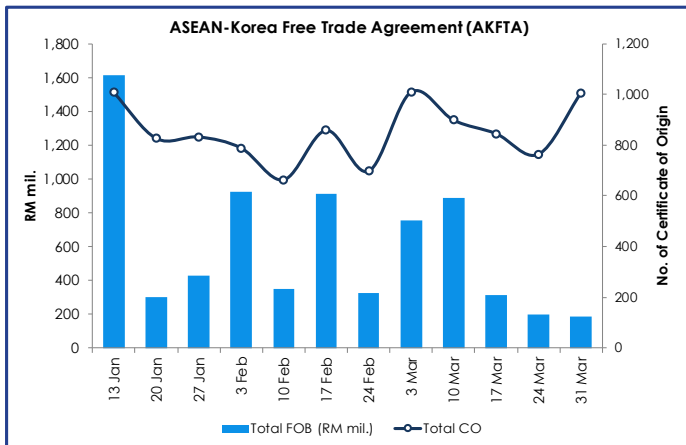
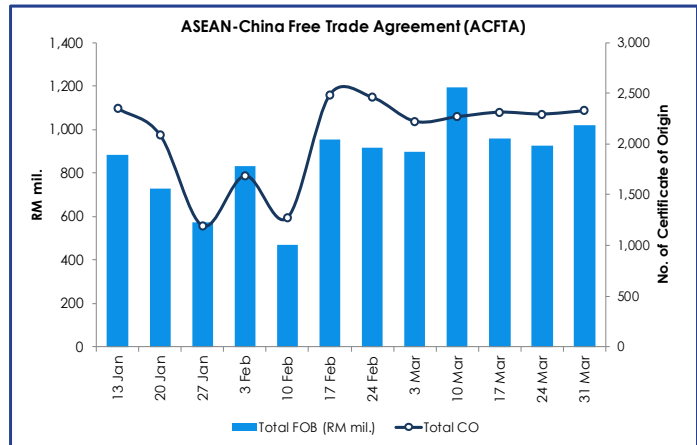
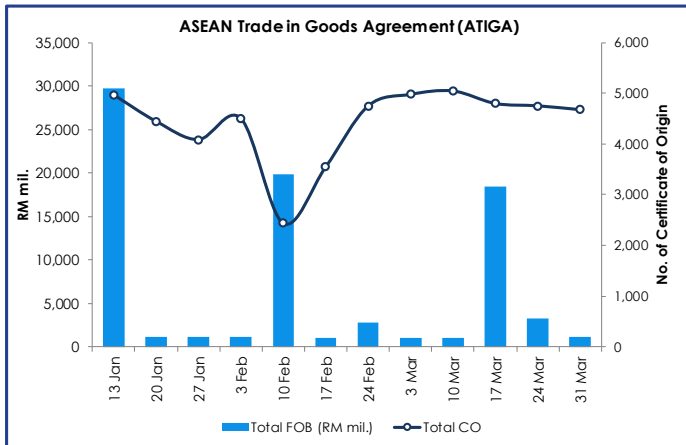
Source: www.statistics.apec.org

Malaysia's Trade with Papua New Guinea 2008 - 2018



Source: Department of Statistics, Malaysia

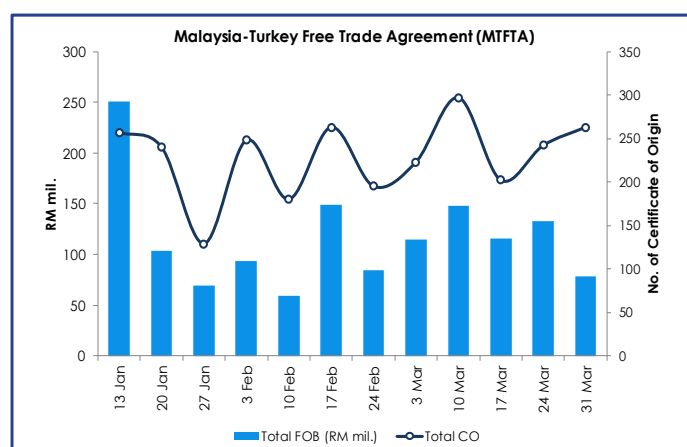
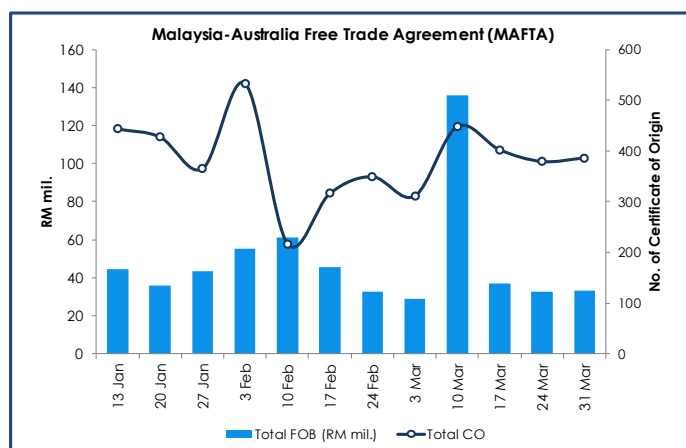
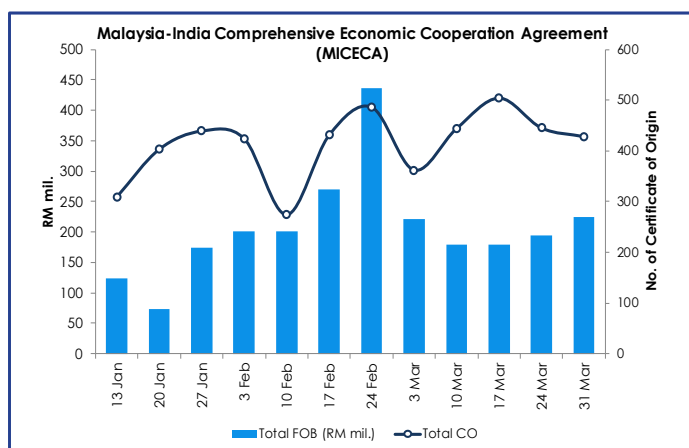
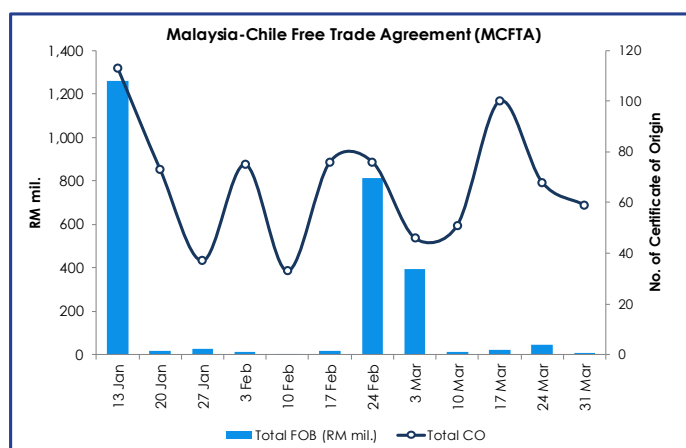
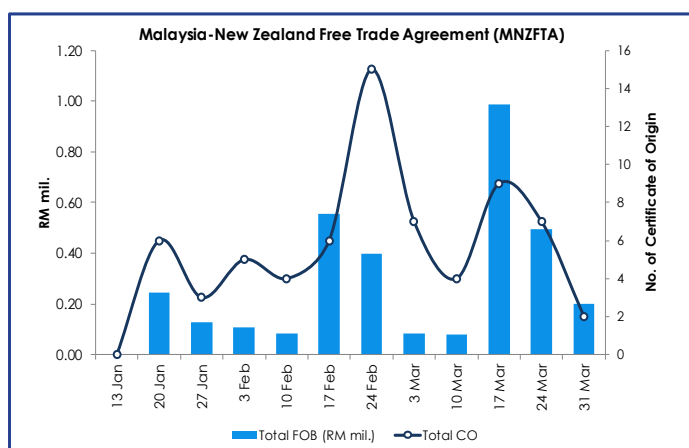
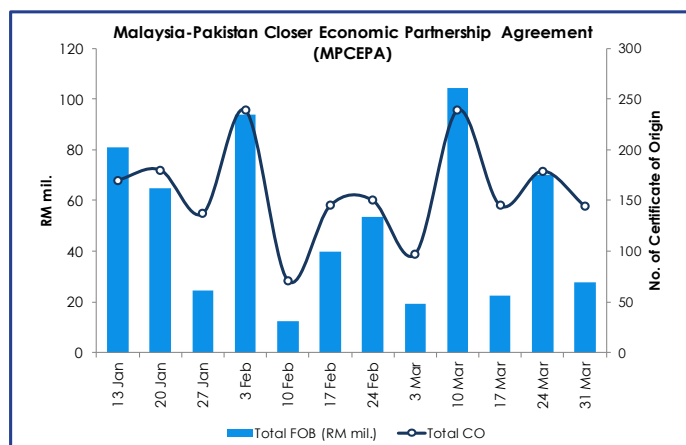
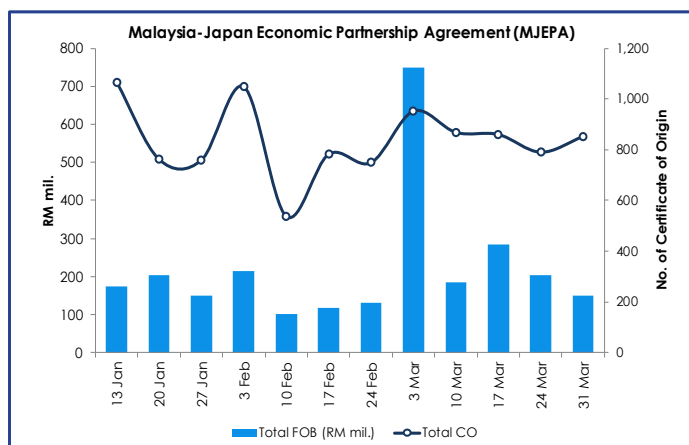
Number and Value of Preferential Certificates of Origin (PCOs)



Note: The preference giving countries under the GSP scheme are Liechtenstein, the Russian Federation, Japan, Switzerland, Belarus, Kazakhstan and Norway.

Note: *Provisional Data
Source: Ministry of International Trade and Industry, Malaysia

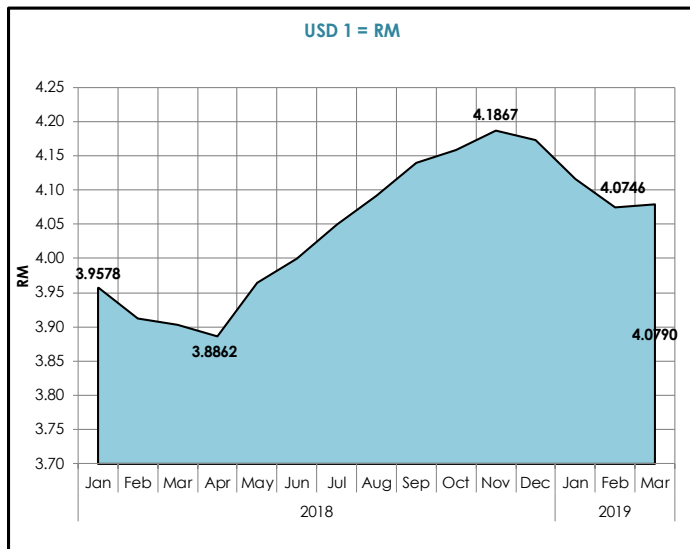
Number and Value of Preferential Certificates of Origin (PCOs)



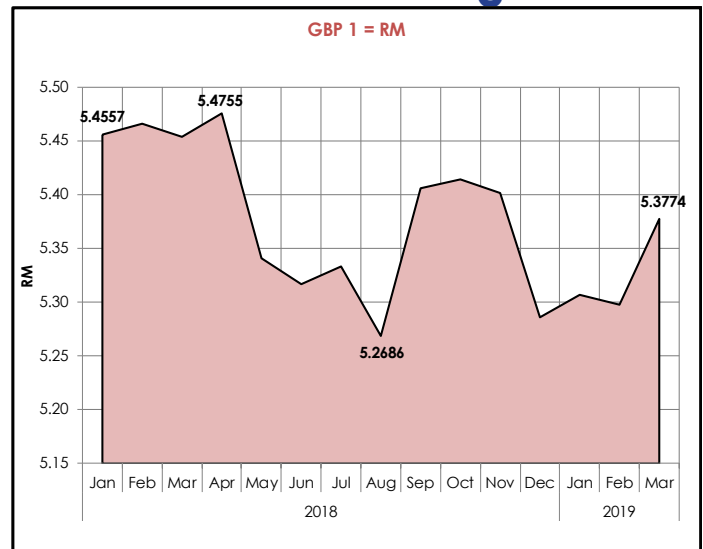
Note: *Provisional Data
Source: Ministry of International Trade and Industry, Malaysia

Malaysian Ringgit Exchange Rate with Selected Countries, January 2018 - March 2019

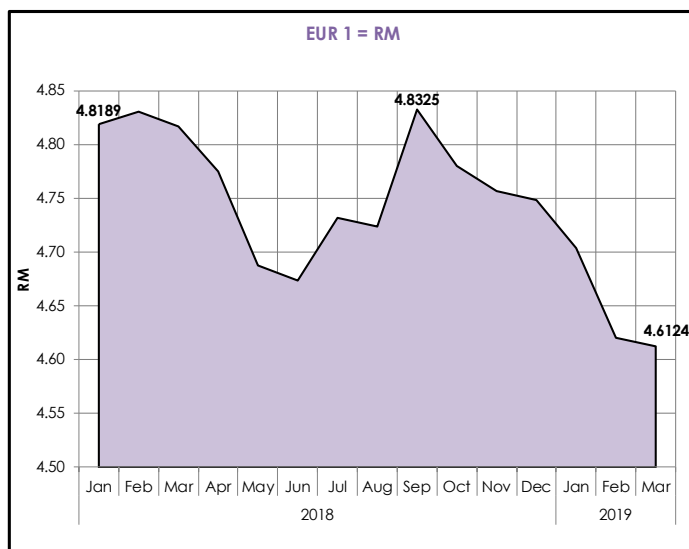
US Dollar



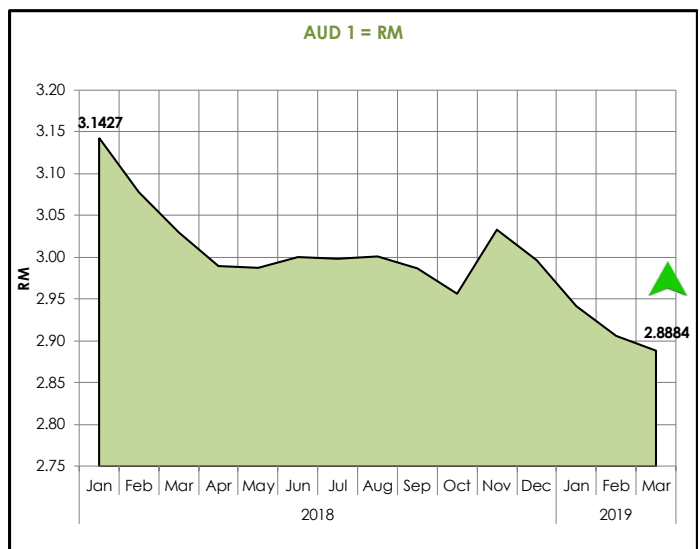
Pound Sterling



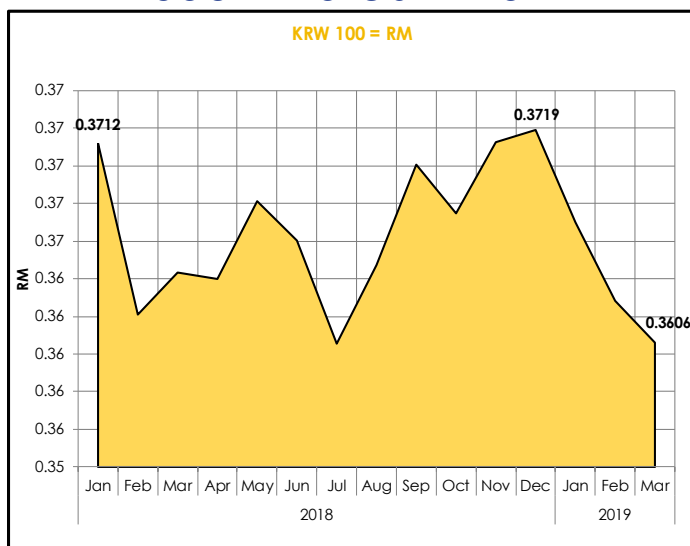
Euro



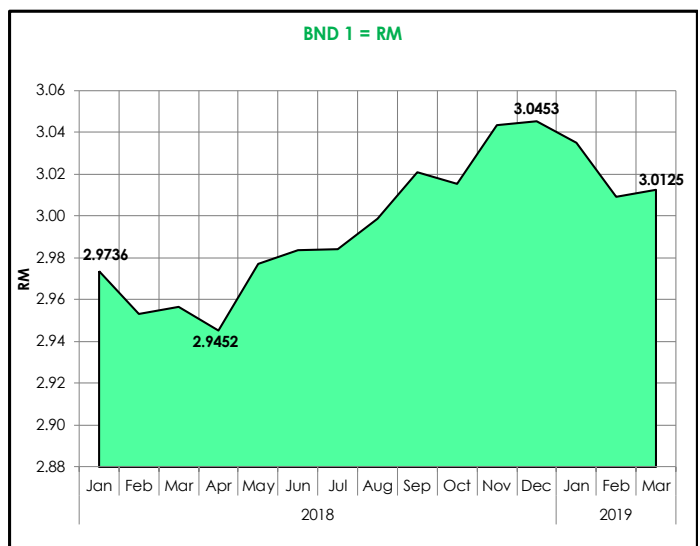
Australian Dollar



South Korean Won



Brunei Dollar



Source : Bank Negara Malaysia

Commodity Prices

CRUDE PETROLEUM (BRENT) -per bbl-



▲ 2.9%*
US\$70.3
5 Apr 2019

Highest
2018/2019

5 Apr 2019 : US\$70.3
5 Oct 2018 : US\$84.2

4 Jan 2019 : US\$57.1
28 Dec 2018 : US\$52.2

Lowest
2018/2019

Average Price 2018ⁱ : US\$71.5

CRUDE PALM OIL -per MT-



▼ 1.5%*
US\$518.0
5 Apr 2019

Highest
2018/2019

22 Feb 2019 : US\$567.0
9 Mar 2018 : US\$691.5

4 Jan 2019 : US\$503.8
23 Nov 2018 : US\$448.5

Lowest
2018/2019

Average Price 2018ⁱ : US\$600.1



▲ 3.7%*
US\$1,499.0
5 Apr 2019

Average Price 2018ⁱ : US\$1,371.0

COCOA SMC 2 -per MT-



▲ 4.1%*
US\$1,690.3
5 Apr 2019

Average Price 2018ⁱ : US\$1,535.6

SUGAR -per lbs-

▲ 1.8%*
US¢12.8
5 Apr 2019

Average Price 2018ⁱ : US¢12.3



▼ 3.0%*
US\$65.1
5 Apr 2019

Average Price 2018ⁱ : US\$66.9

SCRAP IRON HMS -per MT-



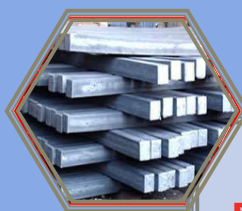
⊖ %*
US\$380.0
(high)
5 Apr 2019

⊖ %*
US\$350.0
(low)

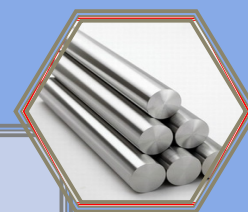
Average Price 2018ⁱ : US\$380.7 (high)
Average Price 2018ⁱ : US\$359.6 (low)

Domestic Prices

5 April 2019



Billets
(per MT)
RM2,000 - RM2,100



Steel Bars
(per MT)
RM2,160 - RM2,310

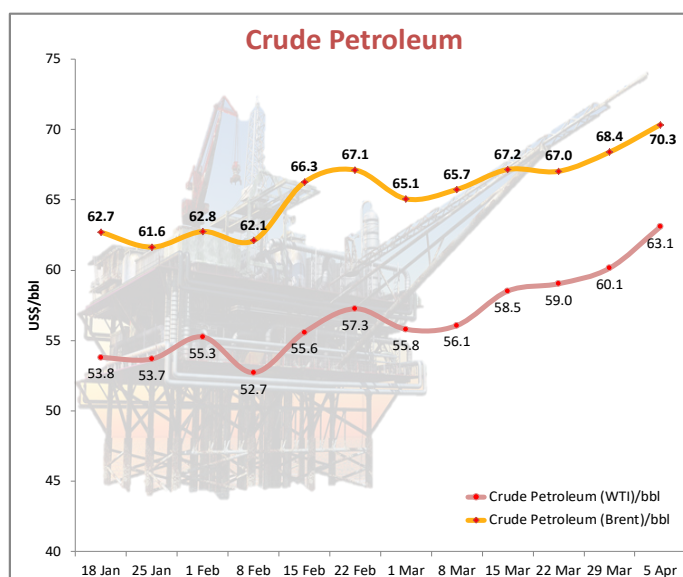
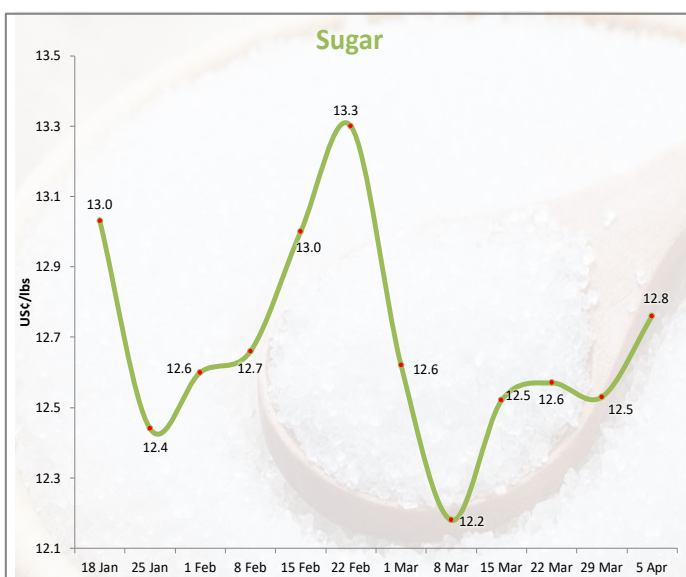
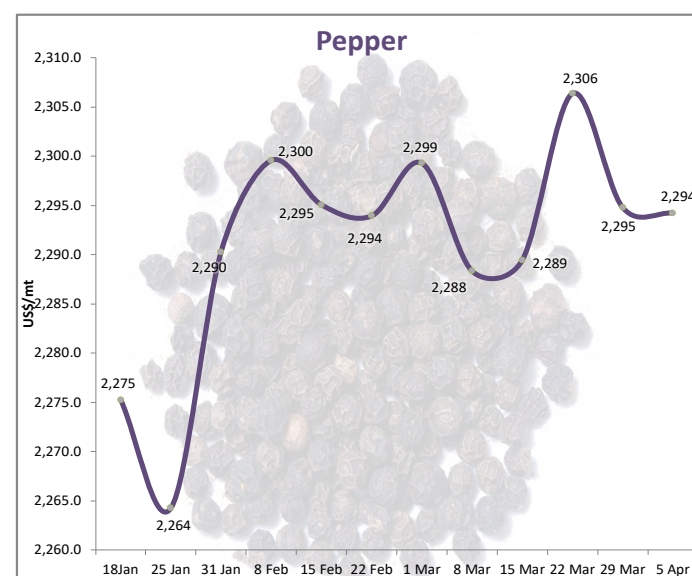
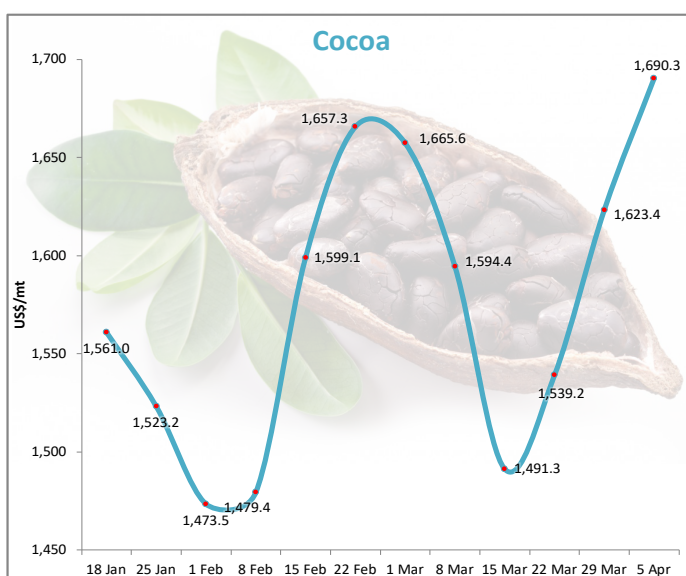
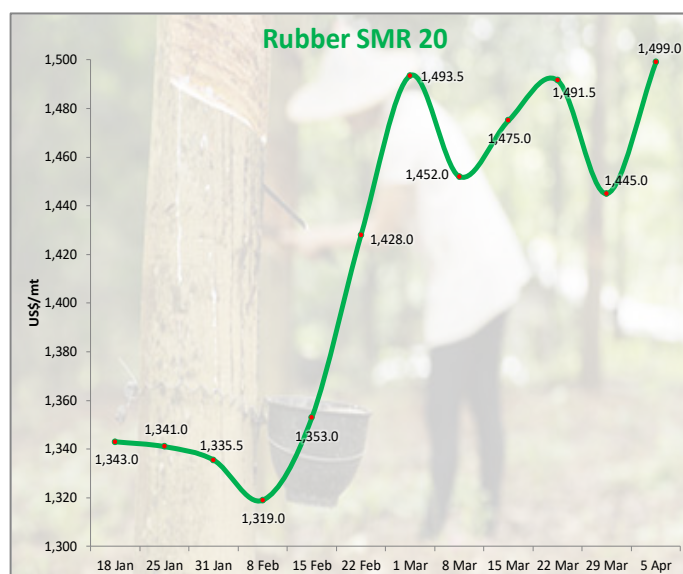
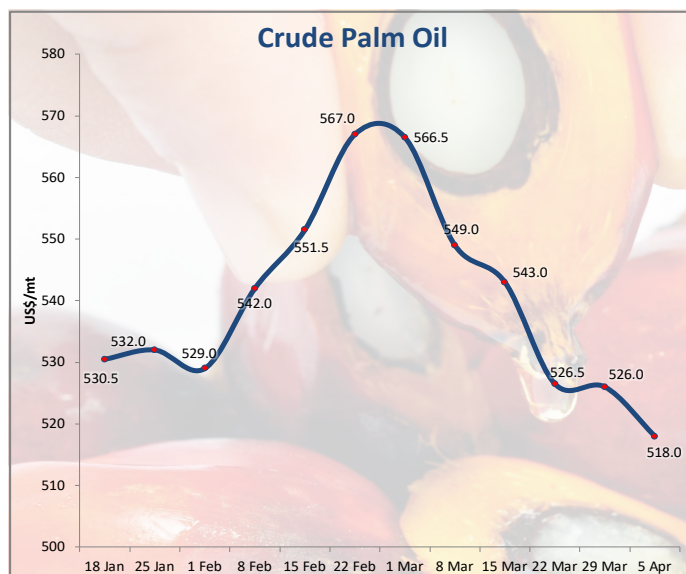
Notes: All figures have been rounded to the nearest decimal point

* Refer to % change from the previous week's price

i Average price in the year except otherwise indicated

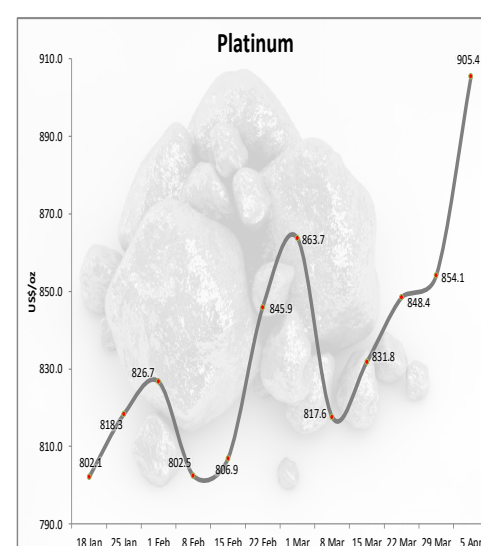
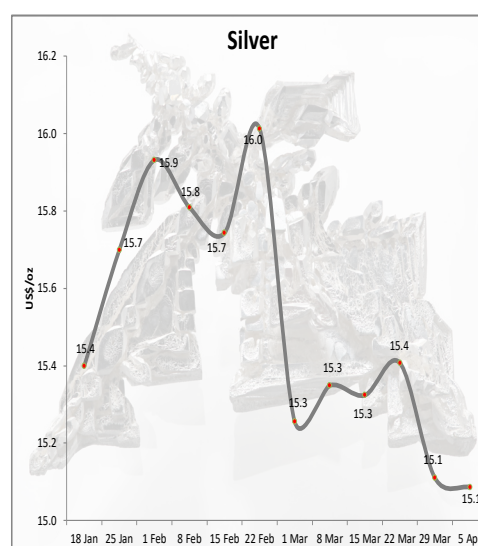
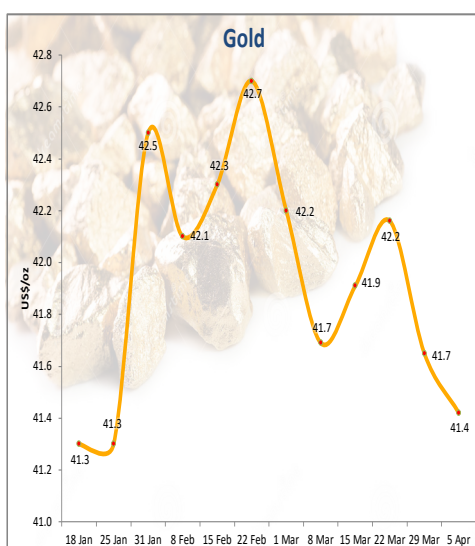
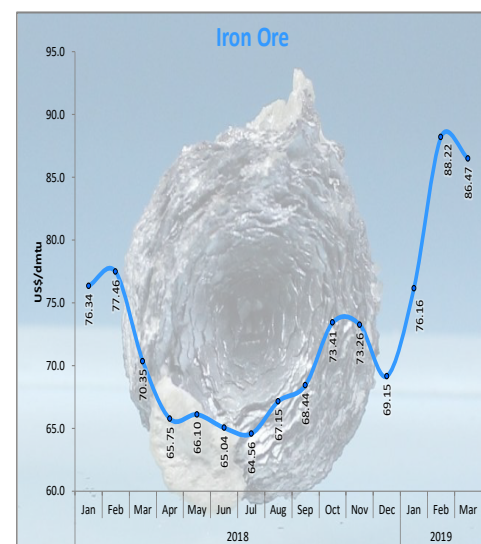
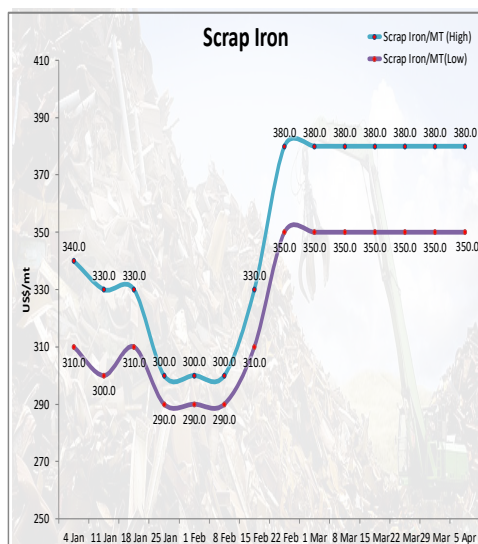
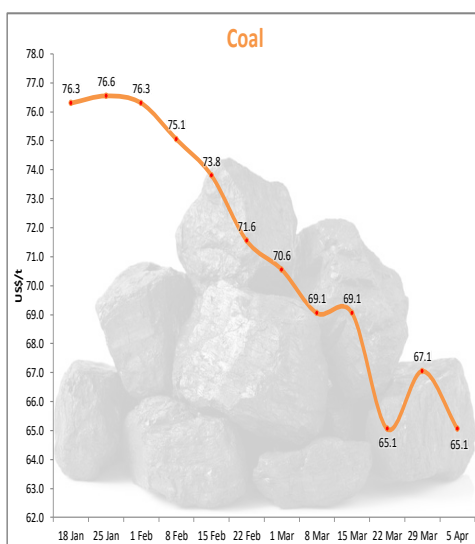
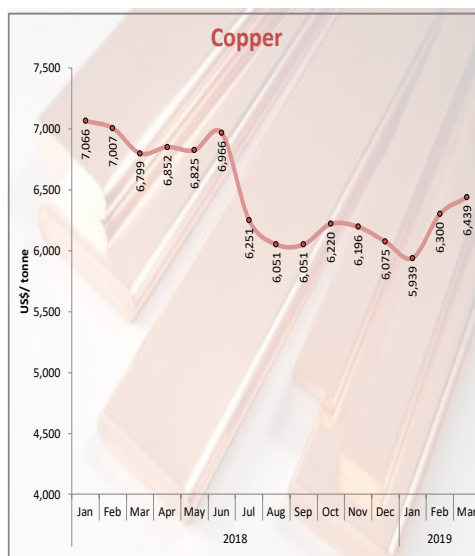
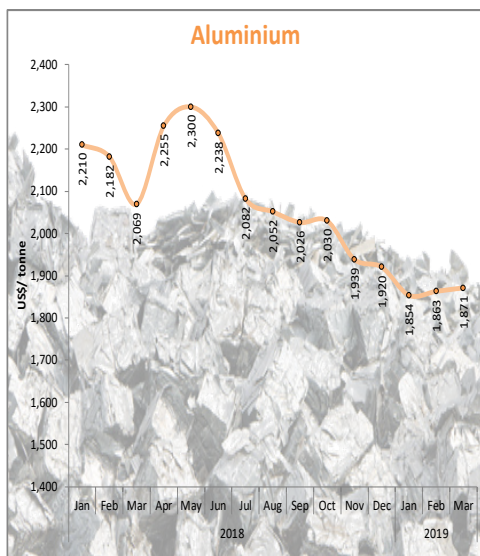
Sources: Ministry of International Trade and Industry Malaysia, Malaysian Palm Oil Board, Malaysian Rubber Board, Malaysian Cocoa Board, Malaysian Iron and Steel Industry Federation, and Bloomberg.

Commodity Prices Trends



Sources: Ministry of International Trade and Industry Malaysia, Malaysian Palm Oil Board, Malaysian Rubber Board, Malaysian Cocoa Board, Malaysian Pepper Board, Bloomberg and Czarnikow Group, World Bank, World Gold Council, The Wall Street Journal.

Commodity Prices Trends



Sources: Ministry of International Trade and Industry Malaysia, Malaysian Iron and Steel Industry Federation, Bloomberg and Czarnikow Group, World Bank, World Gold Council, The Wall Street Journal.

MITI Minister led the US Trade & Investment mission from 1 to 6 April 2019



MITI Minister attended US-ASEAN Business Council and US Chamber of Commerce Lunch & Roundtable 1 April 2019



MITI Minister met United States Trade Representatives 2 April 2019



MITI Deputy Minister visited the Centre of 9 Pillars at MTDC 2 April 2019





Glossary

Escherichia Coli (E. coli)

Bacilliform (rod shaped) bacterium living in the intestinal tracts of humans and other warm-blooded animals. Its presence in water indicates faecal pollution. There is a maximum number of coliforms (coli number) above which water is no longer suitable for drinking or bathing.

Source : Environment

Source Detail : Compendium of Environment Statistics, DOSM

Establishment

An establishment is an enterprise, or part of an enterprise, that is situated in a single location and in which only a single (non-ancillary) productive activity is carried out or in which the principal productive activity accounts for most of the value added.

Source : National Accounts

Source Detail : Gross Domestic Product (GDP), DOSM

Establishment Involved in Exports

Refers to manufacturing establishment who reported percentage of exports based on sales value.

Source : Manufacturing

Source Detail : Economic Census, DOSM

Estimation Procedures

The combined ratio estimated method (sample weight and population factor) was used to obtain the estimate of a specific characteristic in the survey population. Population factor uses mid-year population estimates by age group, sex, ethnic and state as benchmarks

Source : Labour Force and Social Statistics

Source Detail : Labour Force Survey Report, DOSM

Evapotranspiration

Combined loss of water by evaporation from the soil or surface water and transpiration from plants and animals.

Source : Environment

Source Detail : Compendium of Environment Statistics, DOSM

Ex-Mining Culture System

System of fish culture on any land in respect of which a mining lease or certificate were once but no longer granted or issued under any written law relating to mining.

Source : Environment

Source Detail : Compendium of Environment Statistics, DOSM

Ex-Situ Conservation

To maintain species outside their original habitats in facilities such as zoological gardens, arboreta, botanical and herbs parks.

Source : Environment

Source Detail : Compendium of Environment Statistics, DOSM

Miti @ Your Service**Knowledge Management & Digital Information**

A Azli Abd. Rahim
Director



**Mashizam bt.
Mohamad**
Librarian



**Noraini Noran
Abdullah**
Librarian



**Nor Hamizah Amir
Hamzah**
Assistant Librarian



Zamawani Shari
Assistant Librarian



Hartini Haris
Assistant Librarian



Kamisah Md Din
Administrative Assistant



Siti Fatiyah Mohd Aris
Operational Assistant

NEXT AWARD CYCLE

ANUGERAH KECEMERLANGAN INDUSTRI (AKI) 2019/2020

NOMINATIONS OPENING SOON

Read More on AKI

For more information, kindly click the following links:
<https://www.miti.gov.my/index.php/pages/view/aki?mid=535>



CALLING INTERESTED APPLICANTS TO APPLY FOR GRANT
 UNDER RMK-11 HIGH VALUE ADDED COMPLEX PRODUCT
 DEVELOPMENT PROGRAMME (PDP) AND MARKET
 DEVELOPMENT PROGRAMME (MDP)

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For more information, kindly click the following links:
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For more information, kindly click the following links:
<https://www.miti.gov.my/index.php/pages/view/industry4WRD>



For more information, kindly visit:

https://www.dosm.gov.my/v1/index.php?r=column/cone&menu_id=N0FVaDR4Y1hGMk1NNi9jS2ZQRFFLZz09#



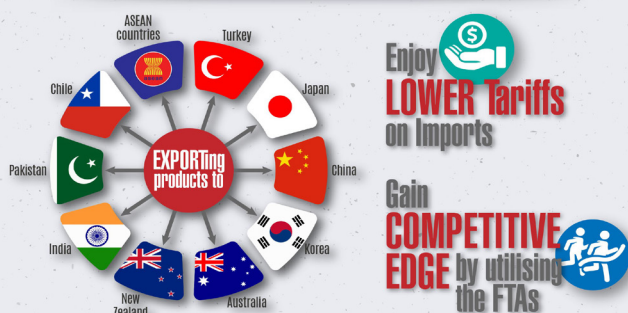
Early Bird Registration : 1st December 2018 - 31st May 2019

MITI POCKET TALK

A SERIES OF SESSION FOR THE PRIVATE SECTOR

Information on the benefits of
Free Trade Agreements (FTAs) and current updates

Introduction on **Preferential
Certificates of Origin (PCO)**
application procedures



When?
Once
a month

Where?
MITI Tower Kuala Lumpur
or
MITI Regional Offices

Fees?
Free of Charge
with light
refreshments

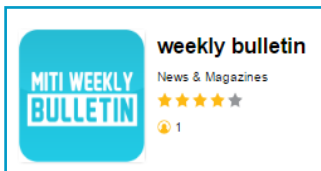
For more information, please contact the Secretariat

03-6200 0468/69/57

allaki@miti.gov.my

| NO | DATE | VENUE | TOPIC |
|----|-------------------------|---------------------|--|
| 1 | 16 May (Thursday) | MITI JOHOR | Introduction to FTA & Preferential Certificate of Origin (PCO) |
| 2 | 20 June (Thursday) | MITI HQ (SEMINAR 1) | |
| 3 | 18 July (Thursday) | MITI PAHANG | |
| 4 | 22 August (Thursday) | MITI HQ (SEMINAR 1) | |
| 5 | 19 September (Thursday) | MITI PERAK | |
| 6 | 17 October (Thursday) | MITI HQ (SEMINAR 1) | |
| 7 | 14 November (Thursday) | MITI KELANTAN | |

MITI Weekly Bulletin (MWB) Mobile Apps



MITI MWB APPs is now available for IOS, Android and Windows platforms. MWB APPs can be download from Gallery of Malaysian Government Mobile APPs (GAMMA) at the link: <http://gamma.malaysia.gov.my/#/appDetails/85>

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