



MALAYSIA

AKAUN PEMBEKALAN DAN PENGGUNAAN KOMODITI PERTANIAN TERPILIH

SUPPLY AND UTILIZATION ACCOUNTS SELECTED AGRICULTURAL COMMODITIES

2006-2010





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Jabatan Perangkaan Malaysia
Department of Statistics, Malaysia

KATA PENGANTAR

Akaun Pembekalan dan Penggunaan Komoditi Pertanian Terpilih, Malaysia, 2006-2010 merupakan keluaran kedua yang disusun dan diterbitkan oleh Jabatan Perangkaan Malaysia. Penerbitan ini membentangkan akaun pembekalan dan penggunaan (SUA) untuk 23 komoditi pertanian terpilih untuk tempoh 2006-2010. Sembilan komoditi dikekalkan dari penerbitan lalu manakala 14 komoditi lagi merupakan tambahan yang terdiri dari 10 komoditi tanaman dan empat komoditi ternakan. Penyusunan jadual SUA ini adalah berdasarkan konsep dan metodologi seperti yang digariskan oleh *Food and Agriculture Organization of the United Nations (FAO)*.

SUA juga dijadikan asas bagi pengeluaran indikator pertanian seperti kadar sara diri (SSR), kadar kebergantungan import (IDR) dan penggunaan per kapita (PCC). Indikator ini boleh membantu penyelidik dan pembuat dasar menilai situasi semasa dan merancang pembangunan sektor pertanian demi kemajuan negara serta kesejahteraan rakyat.

Jabatan ingin merakamkan penghargaan kepada semua pihak yang terlibat dalam membekalkan data bagi penyediaan penerbitan ini. Sebarang pandangan dan cadangan ke arah memperbaiki penerbitan ini pada masa hadapan amatlah dihargai.

DR. HAJI ABDUL RAHMAN BIN HASAN

Ketua Perangkawan Malaysia

Disember 2011

PREFACE

Supply and Utilization Accounts of Selected Agricultural Commodities, Malaysia, 2006-2010 is the second publication compiled and published by the Department of Statistics, Malaysia. The publication presents the supply and utilization accounts (SUA) for 23 selected agricultural commodities for the period 2006-2010. Nine commodities are retained from the previous publication, while 14 more are additional consisting of 10 crops and four livestock commodities. The compilation of the SUA tables is based on the concepts and methodology outlined by the Food and Agriculture Organization of the United Nations (FAO).

SUA also paves the way to generate agricultural indicators such as self-sufficiency ratio (SSR), import dependency ratio (IDR) and per capita consumption (PCC). These indicators could assist researchers and policy makers assess the current situation and plan the development of the country's agricultural sector for the progress and wellbeing of the people.

The Department would like to express its appreciation to all parties involved in the supply of data for the preparation of this publication. All suggestions and recommendations towards improving future reports are greatly appreciated.

DR. HAJI ABDUL RAHMAN BIN HASAN

Chief Statistician, Malaysia

December 2011

KANDUNGAN CONTENTS

	Muka surat
	<i>Page</i>
Kata pengantar	iii
<i>Preface</i>	<i>iv</i>
Senarai jadual	vi
<i>List of tables</i>	
Ringkasan penemuan	1
<i>Summary findings</i>	<i>11</i>
Nota teknikal	45
<i>Technical notes</i>	<i>49</i>
Sumber data	53
<i>Data source</i>	
Singkatan dan simbol	55
<i>Abbreviations and symbols</i>	
Rujukan	57
<i>Reference</i>	

SENARAI JADUAL
LIST OF TABLES

Jadual <i>Table</i>		Muka surat <i>Page</i>
1	Akaun pembekalan dan penggunaan bagi kelapa, Malaysia, 2006-2010 <i>Supply and utilization accounts for coconut, Malaysia, 2006-2010</i>	21
2	Akaun pembekalan dan penggunaan bagi nanas, Malaysia, 2006-2010 <i>Supply and utilization accounts for pineapple, Malaysia, 2006-2010</i>	22
3	Akaun pembekalan dan penggunaan bagi pisang, Malaysia, 2006-2010 <i>Supply and utilization accounts for banana, Malaysia, 2006-2010</i>	23
4	Akaun pembekalan dan penggunaan bagi tembikai, Malaysia, 2006-2010 <i>Supply and utilization accounts for watermelon, Malaysia, 2006-2010</i>	24
5	Akaun pembekalan dan penggunaan bagi mangga, Malaysia, 2006-2010 <i>Supply and utilization accounts for mango, Malaysia, 2006-2010</i>	25
6	Akaun pembekalan dan penggunaan bagi rambutan, Malaysia, 2006-2010 <i>Supply and utilization accounts for rambutan, Malaysia, 2006-2010</i>	26
7	Akaun pembekalan dan penggunaan bagi durian, Malaysia, 2006-2010 <i>Supply and utilization accounts for durian, Malaysia, 2006-2010</i>	27
8	Akaun pembekalan dan penggunaan bagi manggis, Malaysia, 2006-2010 <i>Supply and utilization accounts for mangosteen, Malaysia, 2006-2010</i>	28

SENARAI JADUAL
LIST OF TABLES

Jadual <i>Table</i>	Muka surat <i>Page</i>
9 Akaun pembekalan dan penggunaan bagi cempedak/nangka, Malaysia, 2006-2010 <i>Supply and utilization accounts for jackfruit, Malaysia, 2006-2010</i>	29
10 Akaun pembekalan dan penggunaan bagi jagung manis, Malaysia, 2006-2010 <i>Supply and utilization accounts for sweet corn, Malaysia, 2006-2010</i>	30
11 Akaun pembekalan dan penggunaan bagi kubis bulat, Malaysia, 2006-2010 <i>Supply and utilization accounts for round cabbage, Malaysia, 2006-2010</i>	31
12 Akaun pembekalan dan penggunaan bagi tomato, Malaysia, 2006-2010 <i>Supply and utilization accounts for tomato, Malaysia, 2006-2010</i>	32
13 Akaun pembekalan dan penggunaan bagi cili, Malaysia, 2006-2010 <i>Supply and utilization accounts for chilli, Malaysia, 2006-2010</i>	33
14 Akaun pembekalan dan penggunaan bagi timun, Malaysia, 2006-2010 <i>Supply and utilization accounts for cucumber, Malaysia, 2006-2010</i>	34
15 Akaun pembekalan dan penggunaan bagi sawi, Malaysia, 2006-2010 <i>Supply and utilization accounts for mustard, Malaysia, 2006-2010</i>	35

SENARAI JADUAL
LIST OF TABLES

Jadual <i>Table</i>	Muka surat <i>Page</i>
16 Akaun pembekalan dan penggunaan bagi terung, Malaysia, 2006-2010 <i>Supply and utilization accounts for brinjal, Malaysia, 2006-2010</i>	36
17 Akaun pembekalan dan penggunaan bagi kacang panjang, Malaysia, 2006-2010 <i>Supply and utilization accounts for long bean, Malaysia, 2006-2010</i>	37
18 Akaun pembekalan dan penggunaan bagi bendi, Malaysia, 2006-2010 <i>Supply and utilization accounts for lady's finger, Malaysia, 2006-2010</i>	38
19 Akaun pembekalan dan penggunaan bagi bayam, Malaysia, 2006-2010 <i>Supply and utilization accounts for spinach, Malaysia, 2006-2010</i>	39
20 Akaun pembekalan dan penggunaan bagi daging lembu/kerbau, Malaysia, 2006-2010 <i>Supply and utilization accounts for beef, Malaysia, 2006-2010</i>	40
21 Akaun pembekalan dan penggunaan bagi daging kambing/ bebiri, Malaysia, 2006-2010 <i>Supply and utilization accounts for mutton, Malaysia, 2006-2010</i>	41
22 Akaun pembekalan dan penggunaan bagi daging babi, Malaysia, 2006-2010 <i>Supply and utilization accounts for pork, Malaysia, 2006-2010</i>	42
23 Akaun pembekalan dan penggunaan bagi telur ayam/itik, Malaysia, 2006-2010 <i>Supply and utilization accounts for chicken/duck egg, Malaysia, 2006-2010</i>	43

RINGKASAN PENEMUAN



RINGKASAN PENEMUAN

Tanaman

Kelapa mencatatkan pengeluaran tertinggi berbanding tanaman terpilih lain dengan purata 480.1 ribu tan metrik setahun. Walaupun pengeluarannya menunjukkan trend menurun bagi tempoh 2007-2009, namun pada 2010 mencatatkan rekod tertinggi dengan kenaikan sebanyak 45.1 peratus iaitu 550.1 ribu tan metrik. Jumlah eksport menunjukkan peningkatan tetapi kuantitinya kecil berbanding jumlah pengeluaran dan import.

Bagi buah-buahan terpilih, hanya pengeluaran pisang yang mencatatkan peningkatan sepanjang tempoh 2006-2010. Nanas, durian, pisang dan tembikai mendahului senarai purata pengeluaran tertinggi, dengan jumlah purata antara 199.6-327.5 ribu tan metrik. Pengeluaran purata buah-buahan terpilih lain adalah 23.4-72.7 ribu tan metrik sahaja. Eksport bagi tembikai mencatatkan rekod tertinggi dengan purata 65.4 ribu tan metrik. Import bagi mangga pula adalah yang tertinggi dengan purata 27.4 ribu tan metrik.

Purata pengeluaran bagi sayur-sayuran terpilih merekodkan catatan di bawah 100.0 ribu tan metrik. Purata pengeluaran tertinggi adalah sawi iaitu 97.2 ribu tan metrik. Purata pengeluaran sayuran terpilih lain adalah antara 22.3-59.5 ribu tan metrik. Pada 2010 pengeluaran bagi kubis bulat, tomato dan sawi melonjak secara drastik masing-masing kepada 143.6, 133.7 dan 121.0 ribu tan metrik berbanding 60.9, 29.2 dan 86.3 ribu tan metrik pada 2009. Purata eksport tomato dan timun merupakan yang tertinggi dengan purata masing-masing 25.9 dan 23.1 ribu tan metrik. Purata import kubis bulat, cili dan timun mendahului yang lain dengan jumlah masing-masing 33.9, 29.3 dan 13.8 ribu tan metrik.

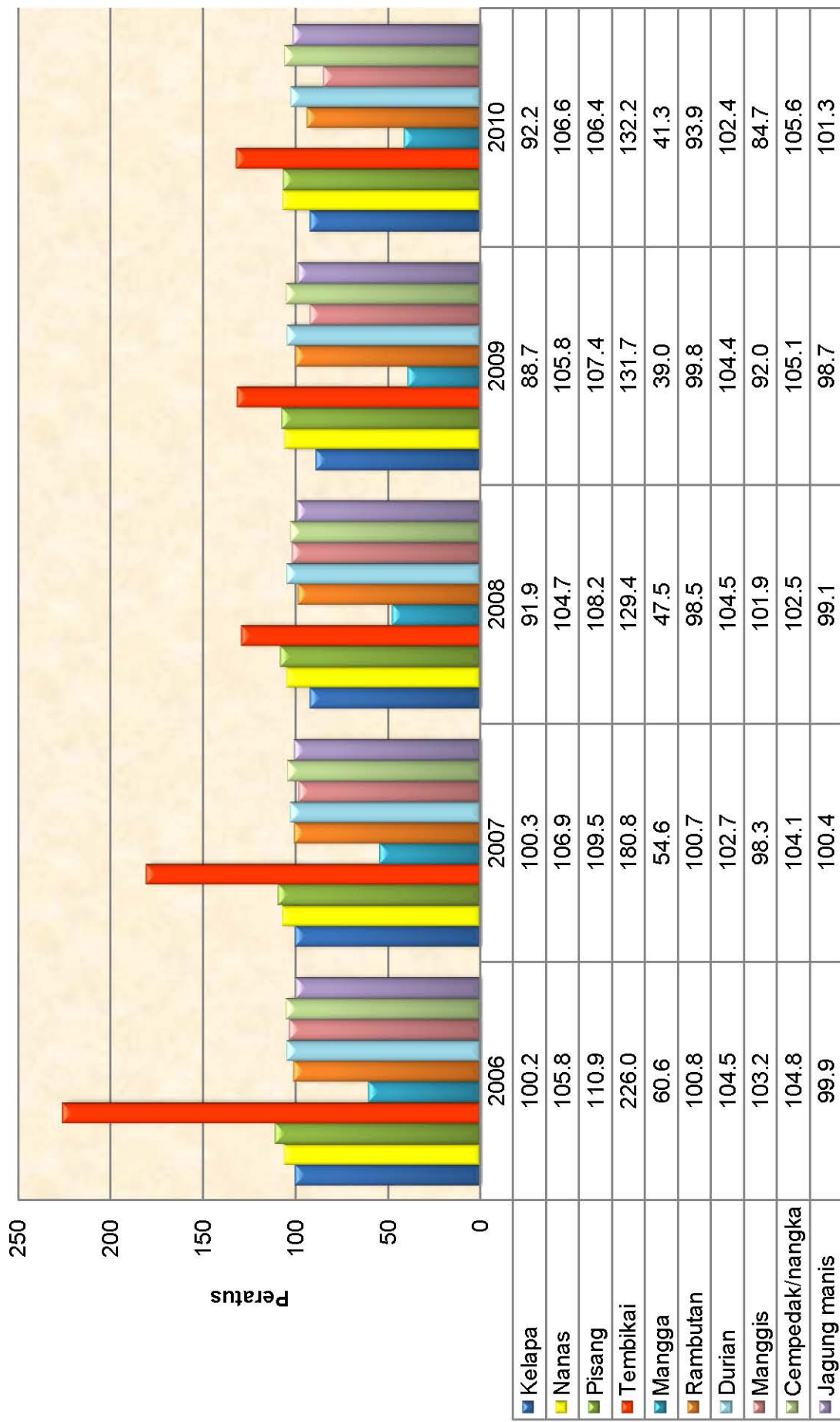
Ternakan

Pengeluaran bagi semua komoditi ternakan terpilih kecuali daging babi berterusan meningkat sepanjang 2006-2010. Pengeluaran daging babi merosot pada 2007 dan 2008 sahaja tetapi meningkat semula pada 2009 dan 2010. Bagi daging lembu/kerbau dan kambing/bebiri, walaupun pengeluaran menunjukkan trend meningkat tetapi kuantitinya kecil dan pergantungan terhadap import adalah sangat tinggi. Pengeluaran telur ayam/itik pula merupakan penyumbang terbesar kepada penggunaan domestik dengan purata pengeluaran 525.2 ribu tan metrik bagi tempoh lima tahun. Telur ayam/itik juga menunjukkan purata imbangan perdagangan yang positif, yang mana purata eksportnya jauh lebih besar daripada import, berjumlah 76.0 ribu tan metrik.

Kadar Sara Diri (SSR)

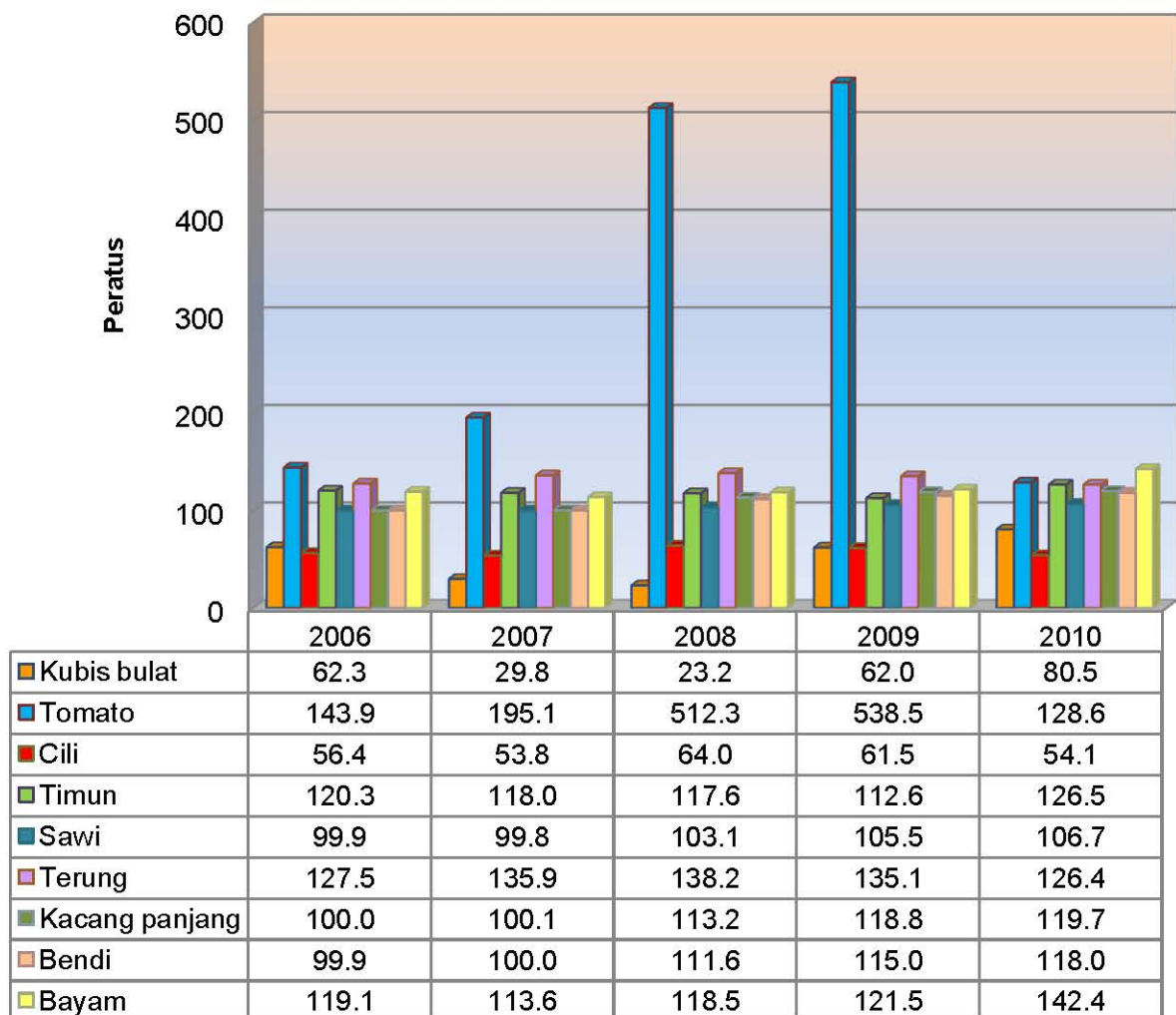
Pada 2010, pengeluaran kelapa meningkat pada kadar 45.1 peratus tetapi tidak mencukupi untuk menampung keperluan domestik kerana kadar sara diri masih di bawah paras 100 peratus iaitu 92.2 peratus. Nanas, pisang, tembikai, durian dan cempedak/nangka mengekalkan kadar sara diri melebihi 100 peratus bagi tempoh 2006-2010. Manakala SSR bagi jagung manis mencatatkan kurang daripada 100 peratus pada 2008 dan 2009 tetapi dengan kenaikan pengeluaran pada 2010 telah mengurangkan import dan menaikkan SSR ke paras 101.3 peratus. SSR rambutan dan manggis pada 2010 turun masing-masing 93.9 dan 84.7 peratus berbanding 99.8 dan 92.0 peratus pada 2009. Pengeluaran mangga agak rendah di sepanjang tempoh rujukan menyebabkan SSR juga rendah iaitu di antara 39.0 hingga 60.6 peratus (**Carta 1**).

Carta 1: Kadar sara diri bagi buah-buahan terpilih, Malaysia, 2006-2010



Pengeluaran tomato, timun, sawi, terung, kacang panjang, bendi dan bayam pada 2010 merupakan tujuh daripada sembilan komoditi sayur-sayuran terpilih yang menyumbang kepada bekalan domestik yang mencukupi. Walaupun SSR tidak konsisten, lima daripadanya terus mengekalkan kadar melebihi 100 peratus sejak 2006 iaitu tomato, timun, terung, kacang panjang dan bayam. Pengeluaran kubis bulat yang melonjak naik pada 2010 menyebabkan SSR meningkat sebanyak 18.5 mata peratus kepada 80.5 peratus. Manakala SSR cili terus menurun kepada 54.1 peratus pada 2010 berbanding 64.0 dan 61.5 peratus pada 2008 dan 2009 (Carta 2).

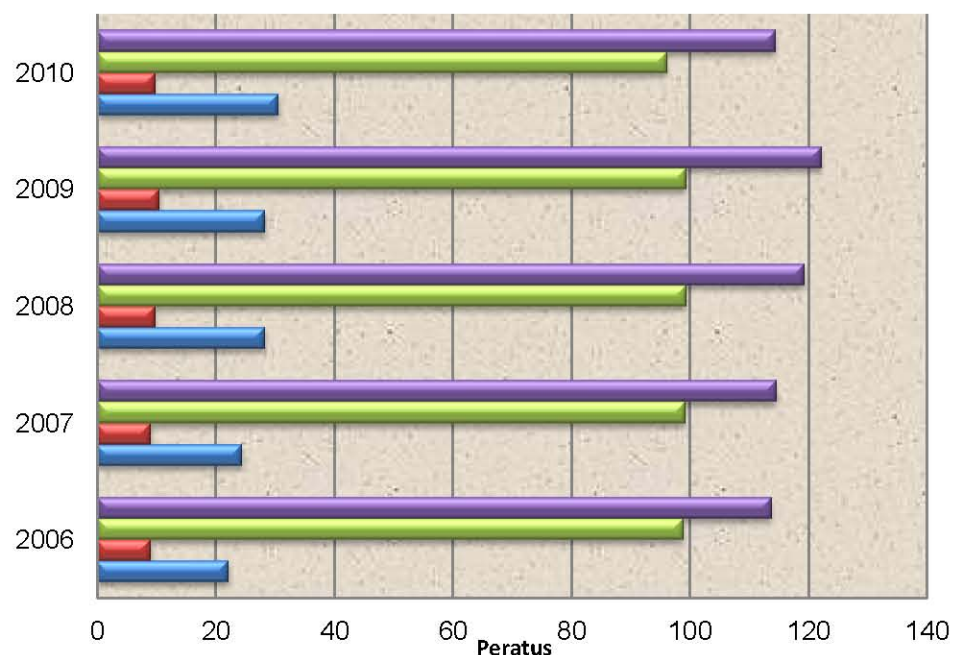
Carta 2: Kadar sara diri bagi sayur-sayuran terpilih, Malaysia, 2006-2010



Di antara komoditi ternakan terpilih, hanya telur ayam/itik mencatatkan SSR melebihi 100 peratus di sepanjang tempoh rujukan. Pengeluarannya mempamerkan trend meningkat iaitu daripada 465.1 ribu tan metrik pada 2006 kepada 589.6 ribu tan metrik pada 2010. Pengeluaran daging lembu/kerbau juga meningkat dari setahun ke setahun tetapi sumbangannya ke atas jumlah purata pembekalan hanya 38.8 ribu tan metrik (26.5 %) daripada 146.4 ribu tan metrik dengan kadar sara diri antara 22.2 hingga 30.6 peratus.

Pengeluaran daging kambing/bebiri pula mencatatkan kadar yang rendah dengan SSR 9.8 peratus pada 2010. Bagi pengeluaran daging babi, walaupun ia menyumbang 97.9 peratus daripada jumlah purata pembekalan dan kadar sara diri melebihi 96.0 peratus, penggunaannya adalah berdasarkan 40 peratus penduduk bukan Islam (**Carta 3**).

Carta 3: Kadar sara diri bagi hasilan ternakan terpilih, Malaysia 2006-2010



	2006	2007	2008	2009	2010
■ Telur ayam/itik	113.7	114.5	119.3	122.2	114.4
■ Daging babi	98.8	99.2	99.3	99.3	96.1
■ Daging kambing/bebiri	9.1	9.1	9.8	10.5	9.8
■ Daging lembu/kerbau	22.2	24.5	28.3	28.4	30.6

Kadar Kebergantungan Import (IDR)

Negara masih memerlukan import untuk menampung keperluan tempatan. Import adalah tinggi bagi daging lembu/kerbau dan daging kambing/bebiri yang menyebabkan kadar kebergantungan import (IDR) meningkat. Pada 2010, daging lembu/kerbau dan daging kambing/bebiri masing-masing mencatatkan IDR 71.8 peratus dan 90.6 peratus. Manakala daging babi dan telur ayam/itik kekal rendah terutama bagi telur ayam/itik dengan IDR tidak lebih daripada 0.1 peratus bagi tempoh lima tahun.

Bagi buah-buahan terpilih, mangga mencatatkan IDR tertinggi berbanding buah-buahan lain dengan catatan di antara 42.4 hingga 65.3 peratus untuk tempoh lima tahun. Pada tempoh yang sama, nanas, pisang dan cempedak/nangka mencatatkan IDR yang sangat rendah iaitu di bawah paras 1.0 peratus. Manakala import manggis naik dengan ketara pada 2009 dan 2010 menjadikan IDR manggis menokok kepada 17.2 dan 19.4 peratus berbanding 5.0 peratus pada 2008.

Kelapa tidak diimport pada 2006 dan 2007. Namun dengan penyusutan pengeluaran pada 2007 sehingga 2009 telah menyebabkan sejumlah 43.4 dan 52.7 ribu tan metrik diimport pada 2008 dan 2009 untuk menampung keperluan domestik. Pada 2010, import kelapa terus bertambah tetapi pengeluaran yang meningkat secara drastik merendahkan peratus IDR kepada 9.8 peratus berbanding 12.3 peratus tahun sebelumnya.

Kubis bulat, cili dan timun bergantung kepada jumlah import yang tinggi untuk tempoh 2006-2010. Pada 2010, IDR tertinggi adalah cili iaitu pada paras 57.4 peratus. IDR kubis bulat pula menunjukkan penurunan pada 2009 dan 2010 iaitu masing-masing 39.4 peratus dan 21.3 peratus berbanding 79.8 peratus pada 2008. Pengurangan tersebut disebabkan oleh pengeluaran meningkat secara mendadak pada dua tahun tersebut. Bagi tomato, IDR mencatatkan penurunan drastik pada 2010 kepada 1.6 peratus berbanding 48.7 peratus pada 2009 disebabkan lonjakan pengeluaran di samping pengurangan import. Import kacang panjang dan bendi tidak signifikan menyebabkan IDR berada di bawah paras 1.0 peratus di sepanjang tempoh rujukan.

Bagi sawi, terung dan bayam, IDR mencatatkan kadar yang rendah di antara 0.1 hingga 7.0 peratus (**Jadual A**).

Jadual A: Kadar kebergantungan import bagi komoditi tanaman dan ternakan terpilih, Malaysia, 2006-2010

Komoditi tanaman dan ternakan terpilih	2006	2007	2008	2009	2010
Tanaman					
Kelapa	-	-	8.8	12.3	9.8
Nanas	0.3	0.4	0.3	0.2	0.4
Pisang	0.1	0.1	0.2	0.2	0.5
Tembikai	1.7	1.4	1.3	1.1	2.0
Mangga	42.4	49.0	56.8	65.3	61.8
Rambutan	2.3	1.6	3.3	2.8	7.8
Durian	1.6	2.0	2.8	2.6	2.9
Manggis	1.9	6.8	5.0	17.2	19.4
Cempedak/nangka	0.1	0.1	0.0	0.0	0.2
Jagung manis	0.1	0.0	5.5	8.9	5.0
Kubis bulat	37.9	70.2	79.8	39.4	21.3
Tomato	8.1	34.7	64.7	48.7	1.6
Cili	53.2	55.6	46.0	47.5	57.4
Timun	30.0	31.2	31.4	21.7	25.9
Sawi	0.1	0.2	1.3	2.3	1.8
Terung	1.6	5.2	6.0	7.0	4.9
Kacang panjang	-	0.0	0.4	0.4	0.8
Bendi	0.1	0.0	0.2	0.2	0.2
Bayam	2.9	2.5	2.5	1.2	1.5
Ternakan					
Daging lembu/kerbau	78.6	76.4	73.4	73.1	71.8
Daging kambing/bebiri	90.9	90.9	90.4	89.5	90.6
Daging babi	1.4	1.3	1.2	1.9	4.2
Telur ayam/itik	0.1	0.1	0.1	0.1	0.0

Penggunaan Per Kapita (PCC)

Daging babi dan telur ayam/itik masing-masing mencatatkan purata penggunaan per kapita 19.1 dan 14.8 kilogram setahun untuk tempoh 2006-2010. Pada 2010 PCC meningkat, masing-masing 21.2 dan 16.7 kilogram berbanding 18.4 dan 14.9 kilogram pada 2009. Manakala PCC bagi daging lembu/kerbau dan daging kambing/bebiri terus konsisten pada jumlah purata masing-masing 5.0 dan 0.7 kilogram setahun.

PCC bagi kelapa merupakan yang tertinggi di antara semua tanaman terpilih untuk tempoh rujukan iaitu antara 11.1 hingga 16.1 kilogram setahun.

Pada 2010, pisang dan durian menjadi pilihan utama penduduk negara ini dengan PCC masing-masing 10.2 dan 10.0 kilogram setahun. PCC bagi mangga, manggis, cempedak/nangka, jagung manis dan rambutan mencatatkan antara 1.1 hingga 2.4 kilogram setahun. Manakala nanas dan tembikai masing-masing dengan PCC 8.4 dan 5.9 kilogram setahun.

PCC bagi tomato, cili, timun, terung, kacang panjang, bendi dan bayam secara purata tidak melebihi 1.8 kilogram setahun. Manakala PCC bagi kubis bulat dan sawi pula masing-masing dengan purata 3.0 dan 3.3 kilogram setahun **(Jadual B)**.

Jadual B: Penggunaan per kapita bagi komoditi tanaman dan ternakan terpilih, Malaysia, 2006-2010

Komoditi tanaman dan ternakan terpilih	2006	2007	2008	2009	2010	Purata
Tanaman						
Kelapa	16.1	14.8	13.7	11.1	15.3	14.2
Nanas	6.4	5.6	10.3	9.2	8.4	8.0
Pisang	8.3	8.1	8.7	8.6	10.2	8.8
Tembikai	2.3	3.0	5.8	6.1	5.9	4.6
Mangga	1.5	1.5	1.7	1.8	1.8	1.7
Rambutan	2.3	2.6	2.6	2.4	2.4	2.5
Durian	10.1	10.8	9.4	9.3	10.0	9.9
Manggis	1.0	1.2	0.9	0.9	1.1	1.0
Cempedak/nangka	1.9	2.1	2.6	1.9	1.7	2.1
Jagung manis	1.2	1.2	1.2	1.3	1.6	1.3
Kubis bulat	2.6	1.4	1.6	3.3	5.9	3.0
Tomato	1.4	0.5	0.0	0.1	1.7	0.8
Cili	1.9	1.5	1.3	1.3	1.2	1.4
Timun	1.7	1.5	1.6	2.4	1.7	1.8
Sawi	3.1	2.7	4.0	2.9	3.9	3.3
Terung	0.7	0.5	0.5	0.7	0.9	0.7
Kacang panjang	1.7	1.3	1.2	1.1	1.1	1.3
Bendi	0.7	0.7	0.5	0.7	0.7	0.7
Bayam	1.0	1.3	1.3	1.5	1.0	1.2
Ternakan						
Daging lembu/kerbau	5.0	5.2	4.8	5.1	5.2	5.0
Daging kambing/bebiri	0.7	0.7	0.7	0.7	0.9	0.7
Daging babi*	20.2	18.3	17.6	18.4	21.2	19.1
Telur ayam/itik	14.0	14.2	14.2	14.9	16.7	14.8

* Berdasarkan 40% penduduk bukan Islam

SUMMARY FINDINGS



SUMMARY FINDINGS

Crops

The production of coconut recorded the highest compared to other selected crops with an average of 480.1 thousand tonnes per annum. Although the production showed a downward trend for the period 2007-2009, but in 2010 it recorded the highest with an increase of 45.1 per cent or 550.1 thousand tonnes. The total exports showed an increase but the quantity is small compared to total production and imports.

For the selected fruits, only production of banana registered increases during the period 2006-2010. Pineapple, durian, banana and watermelon topped the list with the highest average production, of an average of 199.6-327.5 thousand tonnes. The average production of other selected fruit crops were 23.4-72.7 thousand tonnes. Exports of watermelon recorded the highest with an average of 65.4 thousand tonnes, while mango topped the imports with an average of 27.4 thousand tonnes.

The average production of selected vegetables showed a record below 100 thousand tonnes per year. The highest production was mustard accounted for 97.2 thousand tonnes. The other selected vegetables was between 22.3-59.5 thousand tonnes. In 2010, the production of round cabbage, tomato and mustard boost up drastically to 143.6, 133.7 and 121.0 thousand tonnes when compared with the production in 2009 of 60.9, 29.2 and 86.3 thousand tonnes respectively. The average exports of tomato and cucumber were the highest with an average of 25.9 and 23.1 thousand tonnes respectively. While the average imports of round cabbage, chilli and cucumber were ahead of others accounted for 33.9, 29.3 and 13.8 thousand tonnes.

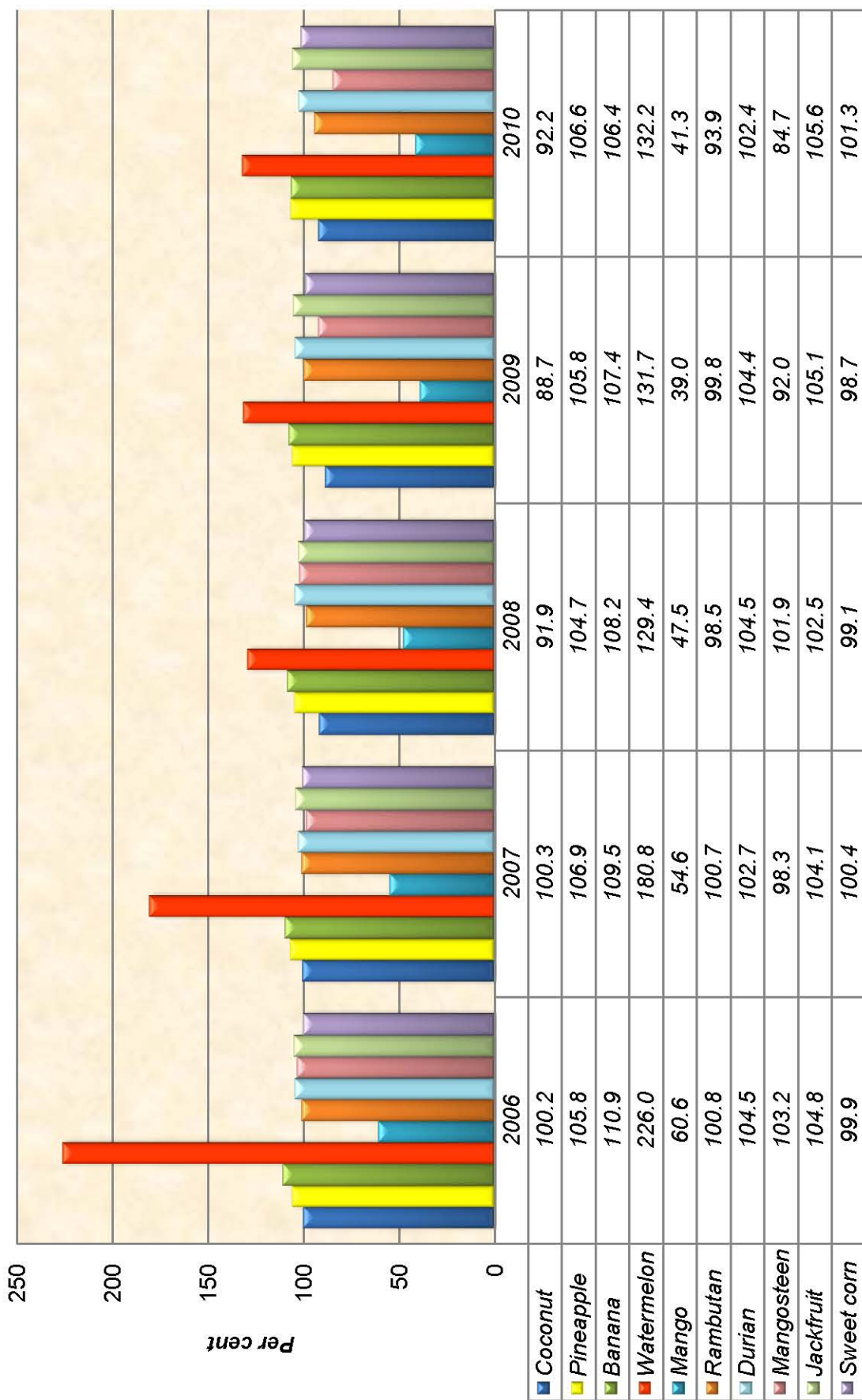
Livestock

The production of all the livestock commodities with pork as an exception, increased throughout the period 2006-2010. Despite the decline in 2007 and 2008, production of pork rose again in 2009 and 2010. For beef and mutton, although the production showed upward trend, the quantity was marginal and its reliance on imports was very high. Production of chicken/duck egg was the biggest contribution to the domestic utilization with an average of 525.2 thousand tonnes for the five-year period. It also showed a positive balance of trade acquiring average exports of far beyond imports which accounted for 76.0 thousand tonnes.

Self-Sufficiency Ratio (SSR)

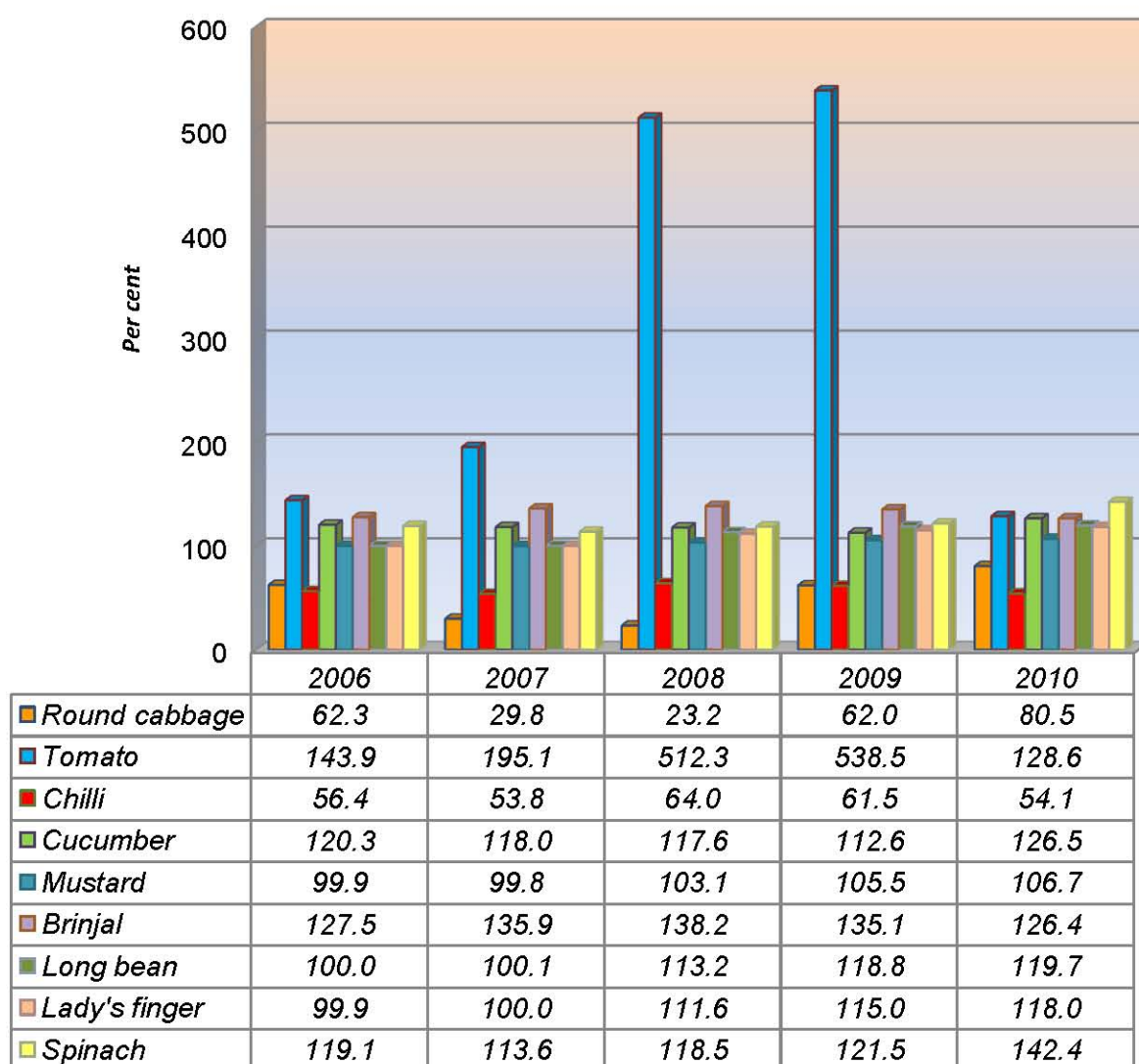
*In 2010, the production of coconut grew at 45.1 per cent, but insufficient to meet the domestic need as the self-sufficiency ratio was 92.2 per cent which was still below the 100 per cent level. Pineapple, banana, watermelon, durian and jackfruit sustained SSR more than 100 per cent for the period 2006-2010. However, the SSR for sweet corn was below 100 per cent for 2008 and 2009, but production increased in 2010, encouraged reduced of imports and boosts the SSR to 101.3 per cent. The SSR for rambutan and mangosteen fell slightly at 93.9 and 84.7 per cent respectively compared to 99.8 and 92.0 per cent in 2009. The production of mango was relatively low during the reference period and caused the SSR to be at the lower rates ranging between 39.0 to 60.6 per cent (**Chart 1**).*

Chart 1: Self-sufficiency ratio of selected fruits, Malaysia, 2006-2010



In 2010 the production of tomato, cucumber, mustard, brinjal, long beans, lady's finger and spinach was seven out of nine selected vegetables that contributed an adequate domestic supply. Although SSR was inconsistent, five items continued to retain a ratio more than 100 per cent since 2006 namely, tomato, cucumber, brinjal, long bean and spinach. Round cabbage production soared in 2010 causing the SSR to increase by 18.5 percentage points to 80.5 per cent. However, the SSR for chilli declined to 54.1 per cent in 2010 compared to 2008 and 2009 with 64.0 and 61.5 respectively (**Chart 2**).

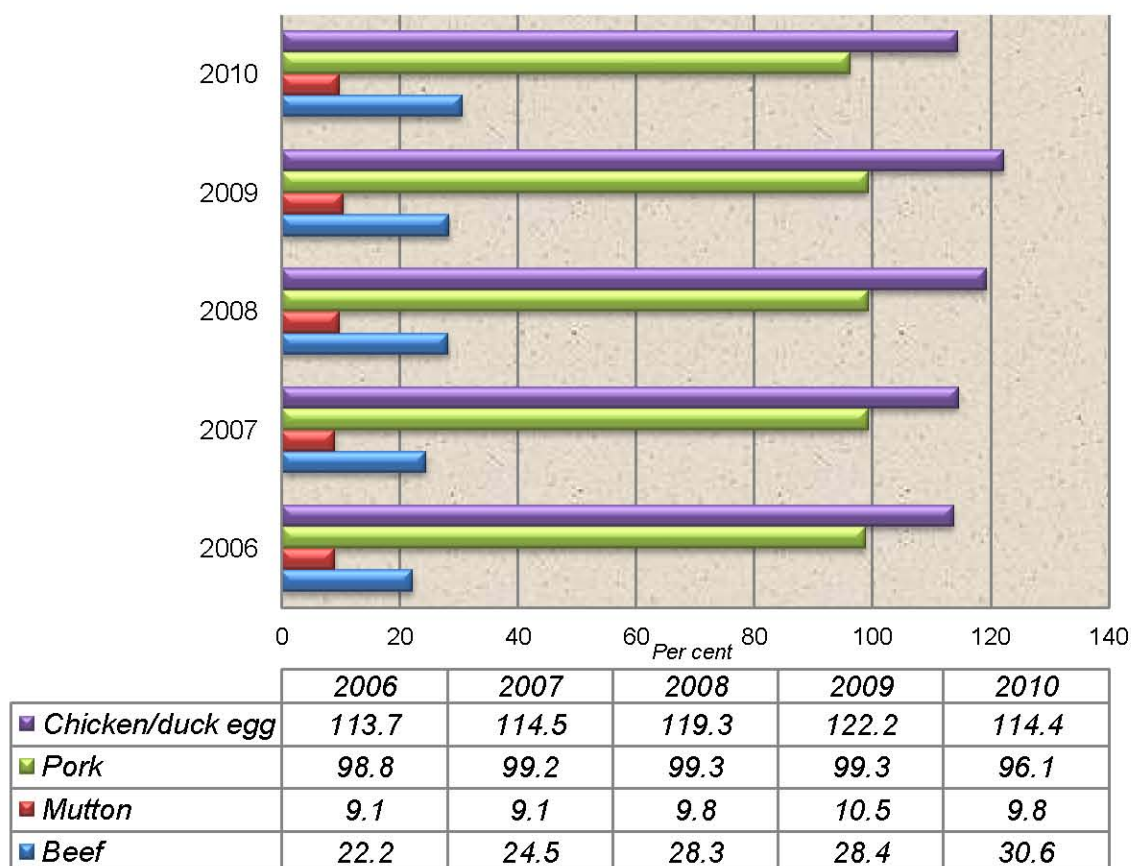
Chart 2: Self-sufficiency ratio of selected vegetables, Malaysia, 2006-2010



Among the selected livestock commodities, only chicken/duck eggs recorded SSR more than 100 per cent in the reference period. The production portrayed a rising trend of 465.1 thousand tonnes in 2006 to 589.6 thousand tonnes in 2010. The production of beef also increases from year to year but its contribution to the total average supply was only 38.8 thousand tonnes (26.5%) of total average 146.4 thousand tonnes. The SSR was between 22.2 to 30.6 per cent.

Production of mutton however recorded low SSR of 9.8 per cent in 2010. For the production of pork, although it contributed 97.9 per cent of the total average supply dan SSR achieved above 96.0 per cent, the consumption was based on the 40 per cent of the non-Muslim population (**Chart 3**).

Chart 3: Self-sufficiency ratio for livestock products, Malaysia 2006-2010



Import Dependency Ratio (IDR)

The country still needs imports to meet the domestic requirements. Imports were high for beef and mutton that caused the IDR to increase. In 2010, both beef and mutton registered IDR of 71.8 per cent and 90.6 per cent respectively. Meanwhile, pork and chicken/duck egg remained low especially IDR for egg with not more than 0.1 per cent for the five-year period.

For the selected fruit crops, IDR of mango surpassed other fruit crops accounted for 42.4 to 65.3 per cent for the five-year period. In the same period, pineapple, banana and jackfruit recorded very low IDR of below 1.0 per cent. However, the imports of mangosteen rose significantly in 2009 and 2010, attributed to 17.2 and 19.4 per cent of IDR compared to 5.0 per cent in 2008.

Coconut was not imported in 2006 and 2007. However, the decline in production in 2007 until 2009 encouraged imports of 43.4 and 52.7 thousand tonnes in 2008 and 2009 so as to support the domestic needs. In 2010, imports of coconut continue to increase but the significant rise of production lowered the IDR to 9.8 per cent compared to 12.3 per cent in the previous year.

*Round cabbage, chilli and cucumber rely highly on imports for the period 2006-2010. In 2010, the highest IDR was chilli with 57.4 per cent. While the IDR for round cabbage registered a decrease in 2009 and 2010 of 39.4 and 21.3 per cent compared to 79.8 per cent in 2008. The reduction was due to the significant rise in production for the two years. The drastic drop in IDR for tomato of 1.6 per cent in 2010 compared to 48.7 per cent in 2009 was due to a surge in production as well as the reduction in imports. The imports of long bean and lady's finger were insignificant resulted to a low IDR of below 1.0 per cent during the reference period. For mustard, brinjal and spinach, the IDR was reported low ranging from 0.1 to 7.0 per cent (**Table A**).*

Table A: Import dependency ratio (IDR) of selected crops and livestock commodities, Malaysia, 2006-2010

Selected crops and livestock commodities	2006	2007	2008	2009	2010
Crops					
<i>Coconut</i>	-	-	8.8	12.3	9.8
<i>Pineapple</i>	0.3	0.4	0.3	0.2	0.4
<i>Banana</i>	0.1	0.1	0.2	0.2	0.5
<i>Watermelon</i>	1.7	1.4	1.3	1.1	2.0
<i>Mango</i>	42.4	49.0	56.8	65.3	61.8
<i>Rambutan</i>	2.3	1.6	3.3	2.8	7.8
<i>Durian</i>	1.6	2.0	2.8	2.6	2.9
<i>Mangosteen</i>	1.9	6.8	5.0	17.2	19.4
<i>Jackfruit</i>	0.1	0.1	0.0	0.0	0.2
<i>Sweet corn</i>	0.1	0.0	5.5	8.9	5.0
<i>Round cabbage</i>	37.9	70.2	79.8	39.4	21.3
<i>Tomato</i>	8.1	34.7	64.7	48.7	1.6
<i>Chilli</i>	53.2	55.6	46.0	47.5	57.4
<i>Cucumber</i>	30.0	31.2	31.4	21.7	25.9
<i>Mustard</i>	0.1	0.2	1.3	2.3	1.8
<i>Brinjal</i>	1.6	5.2	6.0	7.0	4.9
<i>Long bean</i>	-	0.0	0.4	0.4	0.8
<i>Lady's finger</i>	0.1	0.0	0.2	0.2	0.2
<i>Spinach</i>	2.9	2.5	2.5	1.2	1.5
Livestock					
<i>Beef</i>	78.6	76.4	73.4	73.1	71.8
<i>Mutton</i>	90.9	90.9	90.4	89.5	90.6
<i>Pork</i>	1.4	1.3	1.2	1.9	4.2
<i>Chicken/duck egg</i>	0.1	0.1	0.1	0.1	0.0

Per Capita Consumption (PCC)

Pork and chicken/duck egg recorded average PCC of 19.1 and 14.8 kilograms respectively per annum for 2006-2010. In 2010, PCC rose with 21.2 and 16.7 kilograms respectively when compared to 18.4 and 14.9 kilograms in 2009. While PCC for beef and mutton consistently achieved the average of 5.0 and 0.7 kilograms per year.

PCC of coconut was the highest among the selected crops commodities ranging 11.1 to 16.1 kilograms per year in the reference year.

In 2010, banana and durian became the favourite choice of the population with PCC of 10.2 and 10.0 kilograms per year. PCC for mango, mangosteen, jackfruit, sweet corn and rambutan registered only 1.1 to 2.4 kilograms per year. However, pineapple and watermelon achieved PCC of 8.4 and 5.9 kilograms per year respectively.

*On average, the PCC of tomato, chilli, cucumber, brinjal, long bean, lady's finger and spinach acquired not exceeding 1.8 kilograms per year. However, the PCC for round cabbage and mustard achieved the average of 3.0 and 3.3 kilograms per year respectively **(Table B)**.*

Table B: Per capita consumption of selected crops and livestock commodities, Malaysia, 2006-2010

Selected crops and livestock commodities	2006	2007	2008	2009	2010	Average
Crops						
Coconut	16.1	14.8	13.7	11.1	15.3	14.2
Pineapple	6.4	5.6	10.3	9.2	8.4	8.0
Banana	8.3	8.1	8.7	8.6	10.2	8.8
Watermelon	2.3	3.0	5.8	6.1	5.9	4.6
Mango	1.5	1.5	1.7	1.8	1.8	1.7
Rambutan	2.3	2.6	2.6	2.4	2.4	2.5
Durian	10.1	10.8	9.4	9.3	10.0	9.9
Mangosteen	1.0	1.2	0.9	0.9	1.1	1.0
Jackfruit	1.9	2.1	2.6	1.9	1.7	2.1
Sweet corn	1.2	1.2	1.2	1.3	1.6	1.3
Round cabbage	2.6	1.4	1.6	3.3	5.9	3.0
Tomato	1.4	0.5	0.0	0.1	1.7	0.8
Chili	1.9	1.5	1.3	1.3	1.2	1.4
Cucumber	1.7	1.5	1.6	2.4	1.7	1.8
Mustard	3.1	2.7	4.0	2.9	3.9	3.3
Brinjal	0.7	0.5	0.5	0.7	0.9	0.7
Long bean	1.7	1.3	1.2	1.1	1.1	1.3
Lady's finger	0.7	0.7	0.5	0.7	0.7	0.7
Spinach	1.0	1.3	1.3	1.5	1.0	1.2
Livestock						
Beef	5.0	5.2	4.8	5.1	5.2	5.0
Mutton	0.7	0.7	0.7	0.7	0.9	0.7
Pork*	20.2	18.3	17.6	18.4	21.2	19.1
Chicken/duck egg	14.0	14.2	14.2	14.9	16.7	14.8

* Based on 40% Non-Muslim population

Jadual



Tables

Jadual 1: Akaun pembekalan dan penggunaan bagi kelapa, Malaysia, 2006-2010

Table 1: Supply and utilization accounts for coconut, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	512,700.0	503,243.0^f	498,823.6	431,991.9^f	608,850.7	511,121.8	-1.8	-0.9	-13.4	40.9	6.2
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	512,700.0	503,243.0	455,408.0	379,251.0	550,140.0	480,148.4	-1.8	-9.5	-16.7	45.1	4.2
Import Imports	-	-	43,415.6	52,740.9 ^f	58,710.7	30,973.4	-	-	21.5	11.3	-
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	1,197.9	1,671.7	3,512.1	4,330.0 ^f	12,263.3	4,595.0	39.6	110.1	23.3	183.2	89.0
Benih Seed	256.4	251.6	227.7	189.6	275.1	240.1	-1.8	-9.5	-16.7	45.1	4.2
Makanan ternakan Feed	-	-	-	-	-	-	-	-	-	-	-
Kerugian Waste	12,787.6	12,539.3 ^f	12,382.8	10,691.5 ^f	14,914.7	12,663.2	-1.9	-1.2	-13.7	39.5	5.7
Prosesan Processing	67,051.4	85,851.3	105,351.1	106,716.9	148,869.9 ^e	102,768.1	28.0	22.7	1.3	39.5	22.9
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	431,406.9	402,929.0 ^f	377,349.9	310,063.8 ^f	432,527.7 ^p	390,855.5	-6.6	-6.3	-17.8	39.5	2.2
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/tnn) Per capita consumption (kg/yr)	16.1	14.8	13.7	11.1^f	15.3^p	14.2	-7.8	-7.6	-18.9	37.3	0.8
Kadar sara diri (%) Self-sufficiency ratio (%)	100.2	100.3	91.9	88.7^f	92.2	94.8					
Kadar kebergantungan import (%) Import dependency ratio (%)	-	-	8.8	12.3^f	9.8	6.1					

Nota: r pindaan/revised

Notes: p permulaan/preliminary

e anggaran/estimate

Jadual 2: Akaun pembekalan dan penggunaan bagi nanas, Malaysia, 2006-2010
Table 2: Supply and utilization accounts for pineapple, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	300,103.3	265,718.9	385,925.1	358,424.4^r	332,468.7	328,528.1	-11.5	45.2	-7.1	-7.2	4.9
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	299,318.0	264,777.0	384,673.0	357,654.0	331,081.0	327,500.6	-11.5	45.3	-7.0	-7.4	4.8
Import Imports	785.3	941.9	1,252.1	770.4 ^r	1,387.7	1,027.5	19.9	32.9	-38.5	80.1	23.6
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	17,132.0	18,072.7	18,521.6	20,278.6 ^r	21,904.2	19,181.8	5.5	2.5	9.5	8.0	6.4
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	14,148.6	12,382.3	18,370.2	16,907.3 ^r	15,528.2	15,467.3	-12.5	48.4	-8.0	-8.2	4.9
Kerugian Waste	98,079.8	84,368.3	65,358.8 ^r	63,515.8 ^r	58,335.1 ^e	73,931.6	-14.0	-22.5	-2.8	-8.2	-11.9
Prosesan Processing	-	-	-	-	-	-	-	-	-	-	-
Stok akhir Closing stocks	170,742.9	150,895.5	283,674.5 ^r	257,722.7 ^r	236,701.2 ^p	219,947.4	-11.6	88.0	-9.1	-8.2	14.8
Makanan Food											
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	6.4	5.6	10.3	9.2^r	8.4^p	8.0	-12.8	85.6	-10.3	-9.6	13.2
Kadar sara diri (%) Self-sufficiency ratio (%)	105.8	106.9	104.7	105.8	106.6	105.9					
Kadar kebergantungan import (%) Import dependency ratio (%)	0.3	0.4	0.3	0.2	0.4	0.3					

Nota: ^r pindaan/ revised

Notes: ^p permulaan/ preliminary

^e anggaran/ estimate

Jadual 3: Akaun pembekalan dan penggunaan bagi pisang, Malaysia, 2006-2010
Table 3: Supply and utilization accounts for banana, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	258,749.7	261,192.7	272,958.7	280,340.8^r	334,171.3	281,482.6	0.9	4.5	2.7	19.2	6.8
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	258,481.5	260,911.2	272,331.0	279,762.0	332,639.0	280,824.9	0.9	4.4	2.7	18.9	6.7
Import Imports	268.2	281.5	627.7	578.8 ^r	1,532.3	657.7	5.0	123.0	-7.8	164.8	71.2
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	25,570.5	23,009.9	21,194.4	19,934.6 ^r	21,454.0	22,232.7	-10.0	-7.9	-5.9	7.6	-4.1
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	10,959.4	11,194.6	11,832.9	12,239.1 ^r	14,697.7	12,184.7	2.1	5.7	3.4	20.1	7.8
Kerugian Waste	750.3	7,197.4	1,138.0	7,708.4 ^r	9,256.8 ^e	5,210.2	859.3	-84.2	577.4	20.1	343.1
Prosesan Processing	-	-	-	-	-	-	-	-	-	-	-
Stok akhir Closing stocks	221,469.5	219,790.8	238,793.3	240,458.7 ^r	288,762.7 ^p	241,855.0	-0.8	8.6	0.7	20.1	7.2
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	8.3	8.1	8.7	8.6^r	10.2^p	8.8	-2.1	7.2	-0.6	18.6	5.8
Kadar sara diri (%) Self-sufficiency ratio (%)	110.9	109.5	108.2	107.4	106.4	108.3					
Kadar bergantung import (%) Import dependency ratio (%)	0.1	0.1	0.2	0.2^r	0.5	0.3					

Nota: r *revisi*
p *perkiraan*
e *anggaran*

Jadual 4: Akaun pembekalan dan penggunaan bagi tembikai, Malaysia, 2006-2010

Table 4: Supply and utilization accounts for watermelon, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	150,044.7^r	155,618.8^r	222,326.8^r	240,751.4^r	239,460.4	201,640.4	3.7	42.9	8.3	-0.5	13.6
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	148,909.0	154,416.0	220,066.0	238,671.0	235,893.0	199,591.0	3.7	42.5	8.5	-1.2	13.4
Import* Imports	1,135.7 ^r	1,202.8 ^r	2,260.8 ^r	2,080.4 ^r	3,567.4	2,049.4	5.9	88.0	-8.0	71.5	39.3
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport* Exports	84,142.2 ^r	70,233.3 ^r	52,272.9 ^r	59,534.0 ^r	61,010.7	65,438.6	-16.5	-25.6	13.9	2.5	-6.4
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	3,954.2 ^r	5,123.1 ^r	10,203.2 ^r	10,873.0 ^r	10,707.0	8,172.1	29.6	99.2	6.6	-1.5	33.4
Kerugian Waste	-	-	-	-	-	-	-	-	-	-	-
Prosesan Processing	-	-	-	-	-	-	-	-	-	-	-
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	61,948.4 ^r	80,262.4 ^r	159,850.7 ^r	170,344.4 ^r	167,742.7	128,029.7	29.6	99.2	6.6	-1.5	33.4
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	2.3^r	3.0^r	5.8^r	6.1^r	5.9	4.6	27.9	96.6	5.2	-3.1	31.7
Kadar sara diri (%) Self-sufficiency ratio (%)	226.0^r	180.8^r	129.4^r	131.7^r	132.2	146.5					
Kadar kebergantungan import (%) Import dependency ratio (%)	1.7^r	1.4^r	1.3^r	1.1^r	2.0	1.5					

Nota: * Data import/eksport 2006-2010 bagi tembikai meliputi dua kod item manakala dalam penerbitan SUA 2005-2009 hanya untuk satu kod.

Notes: Import and eksport 2006-2010 for watermelon cover two codes while in the publication of SUA 2005-2009 covers only one.

r pindaan/revised

Jadual 5: Akaun pembekalan dan penggunaan bagi mangga, Malaysia, 2006-2010

Table 5: Supply and utilization accounts for mango, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	44,605.5	44,265.5	51,771.9	56,969.0	56,447.8	50,811.9	-0.8	17.0	10.0	-0.9	6.3
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	26,247.0	23,334.0	23,573.0	21,302.0	22,596.0	23,410.4	-11.1	1.0	-9.6	6.1	-3.4
Import Imports	18,358.5	20,931.5	28,198.9	35,667.0	33,851.8	27,401.5	14.0	34.7	26.5	-5.1	17.5
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	1,297.6	1,528.7	2,128.2	2,370.1	1,712.0	1,807.3	17.8	39.2	11.4	-27.8	10.2
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	2,511.9	2,478.7	2,879.3	3,166.7	3,174.7	2,842.3	-1.3	16.2	10.0	0.3	6.3
Kerugian Waste	446.2 ^e	440.3 ^e	511.4 ^e	562.5	563.9 ^e	504.9	-1.3	16.2	10.0	0.3	6.3
Prosesan Processing	-	-	-	-	-	-	-	-	-	-	-
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	40,349.8 ^p	39,817.7 ^p	46,252.9 ^p	50,869.7	50,997.1 ^p	45,657.5	-1.3	16.2	10.0	0.3	6.3
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	1.5^p	1.5^p	1.7^p	1.8	1.8^p	1.7	-2.6	14.7	8.6	-1.3	4.8
Kadar sara diri (%) Self-sufficiency ratio (%)	60.6	54.6	47.5	39.0	41.3	47.8					
Kadar bergantung import (%) Import dependency ratio (%)	42.4	49.0	56.8	65.3	61.8	55.9					

Nota: p permulaan/preliminary
Notes: e anggaran/estimate

Jadual 6: Akaun pembekalan dan penggunaan bagi rambutan, Malaysia, 2006-2010

Table 6: Supply and utilization accounts for rambutan, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	69,455.1	78,891.7	78,997.0	73,222.8	76,046.6	75,322.6	13.6	0.1	-7.3	3.9	2.6
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	67,901.0	77,660.0	76,474.0	71,232.0	70,218.0	72,697.0	14.4	-1.5	-6.9	-1.4	1.1
Import Imports	1,554.1	1,231.7	2,523.0	1,990.8	5,828.6	2,625.6	-20.7	104.8	-21.1	192.8	63.9
Penggunaan (tan metrik) Utilization (tonnes)	2,096.0	1,755.6	1,394.7	1,814.1	1,293.2	1,670.7	-16.2	-20.6	30.1	-28.7	-8.9
Eksport Exports	-	-	-	-	-	-	-	-	-	-	-
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	-	-	-	-	-	-	-	-	-	-	-
Kerugian Waste	2,020.8	2,314.1	2,328.1	2,142.3	2,242.6	2,209.6	14.5	0.6	-8.0	4.7	3.0
Prosesan Processing	3,368.0	3,856.8	3,880.1	3,570.4	3,737.7	3,682.6	14.5	0.6	-8.0	4.7	3.0
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	61,970.4	70,965.2	71,394.1	65,695.9	68,773.1	67,759.8	14.5	0.6	-8.0	4.7	3.0
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	2.3	2.6	2.6	2.4	2.4	2.5	13.0	-0.7	-9.2	3.1	1.6
Kadar sara diri (%) Self-sufficiency ratio (%)	100.8	100.7	98.5	99.8	93.9	98.7					
Kadar kebergantungan import (%) Import dependency ratio (%)	2.3	1.6	3.3	2.8	7.8	3.6					

Jadual 7: Akaun pembekalan dan penggunaan bagi durian, Malaysia, 2006-2010
Table 7: Supply and utilization accounts for durian, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average		
							06-07	07-08	08-09	09-10			
Pembekalan (tan metrik) Supply (tonnes)	297,084.4	318,116.9	285,182.9	284,948.1	306,125.5	298,291.6							
Stok awal Opening stocks	-	-	-	-	-	-							
Pengeluaran Production	292,681.0	312,157.0	277,767.0	278,076.0	297,696.0	291,675.4							
Import Imports	4,403.4	5,959.9	7,415.9	6,872.1	8,429.5	6,616.2							
Penggunaan (tan metrik) Utilization (tonnes)													
Eksport Exports	17,045.1	14,089.1	19,442.8	18,690.8	15,445.6	16,942.7							
Benih Seed	-	-	-	-	-	-							
Makanan ternakan Feed	-	-	-	-	-	-							
Kerugian Waste	8,401.2	9,120.8	7,972.2	7,987.7	8,720.4	8,440.5							
Prosesan Processing	-	-	-	-	-	-							
Stok akhir Closing stocks	-	-	-	-	-	-							
Makanan Food	271,638.1	294,907.0	257,767.9	258,269.6	281,959.5	272,908.4							
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1								
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	10.1	10.8	9.4	9.3	10.0	9.9							
Kadar sara diri (%) Self-sufficiency ratio (%)	104.5	102.7	104.5	104.4	102.4	103.7							
Kadar kebergantungan import (%)	1.6	2.0	2.8	2.6	2.9	2.4							

Jadual 8: Akaun pembekalan dan penggunaan bagi manggis, Malaysia, 2006-2010*Table 8: Supply and utilization accounts for mangosteen, Malaysia, 2006-2010*

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	29,433.2	35,777.5	28,591.5	28,353.5	33,190.4	31,069.2	21.6	-20.1	-0.8	17.1	4.4
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	28,890.0	33,468.0	27,258.0	23,893.0	27,005.0	28,102.8	15.8	-18.6	-12.3	13.0	-0.5
Import Imports	543.2	2,309.5	1,333.5	4,460.5	6,185.4	2,966.4	325.2	-42.3	234.5	38.7	139.0
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	1,447.7	1,717.4	1,830.9	2,383.5	1,297.7	1,735.4	18.6	6.6	30.2	-45.6	2.5
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	1,679.1	2,043.6	1,605.6	1,558.2	1,913.6	1,760.0	21.7	-21.4	-3.0	22.8	5.0
Kerugian Waste	-	-	-	-	-	-	-	-	-	-	-
Prosesan Processing	-	-	-	-	-	-	-	-	-	-	-
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	26,306.3	32,016.6	25,155.0	24,411.8	29,979.1	27,573.8	21.7	-21.4	-3.0	22.8	5.0
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	1.0	1.2	0.9	0.9	1.1	1.0	20.1	-22.4	-4.2	20.9	3.6
Kadar sara diri (%) Self-sufficiency ratio (%)	103.2	98.3	101.9	92.0	84.7	95.8					
Kadar kebergantungan import (%) Import dependency ratio (%)	1.9	6.8	5.0	17.2	19.4	10.1					

Jadual 9: Akaun pembekalan dan penggunaan bagi cempedak/nangka, Malaysia, 2006-2010
Table 9: Supply and utilization accounts for jackfruit, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	57,777.2	64,100.1	77,720.1	60,626.9	54,675.1	62,979.9	10.9	21.2	-22.0	-9.8	0.1
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	57,736.0	64,043.0	77,693.0	60,610.0	54,577.0	62,931.8	10.9	21.3	-22.0	-10.0	0.1
Import Imports	41.2	57.1	27.1	16.9	98.1	48.1	38.5	-52.6	-37.4	479.1	106.9
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	2,685.2	2,551.9	1,925.6	2,952.2	3,008.7	2,624.7	-5.0	-24.5	53.3	1.9	6.4
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	3,305.5	3,692.9	4,547.7	3,460.5	3,100.0	3,621.3	11.7	23.1	-23.9	-10.4	0.1
Kerugian Waste	-	-	-	-	-	-	-	-	-	-	-
Prosesan Processing	-	-	-	-	-	-	-	-	-	-	-
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	51,786.5	57,855.3	71,246.8	54,214.2	48,566.4	56,733.9	11.7	23.1	-23.9	-10.4	0.1
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	1.9	2.1	2.6	1.9	1.7	2.1	10.3	21.6	-24.9	-11.8	-1.2
Kadar sara diri (%) Self-sufficiency ratio (%)	104.8	104.1	102.5	105.1	105.6	104.4					
Kadar kebergantungan import (%) Import dependency ratio (%)	0.1	0.1	0.0	0.0	0.2	0.1					

Jadual 10: Akaun pembekalan dan penggunaan bagi jagung manis, Malaysia, 2006-2010

Table 10 : Supply and utilization accounts for sweet corn, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				
							06-07	07-08	08-09	09-10	Purata Average
Pembekalan (tan metrik) Supply (tonnes)	33,505.1	32,086.1	34,776.2	39,001.4	49,965.6	37,866.9	-4.2	8.4	12.1	28.1	11.1
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	33,483.0	32,075.0	32,959.0	35,763.0	47,602.0	36,376.4	-4.2	2.8	8.5	33.1	10.0
Import Imports	22.1	11.1	1,817.2	3,238.4	2,363.6	1,490.5	-50.0	16,344.8	78.2	-27.0	4,086.5
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	-	143.7	1,527.0	2,756.8	2,992.2	1,483.9	-	962.6	80.5	8.5	-
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	-	-	-	-	-	-	-	-	-	-	-
Kerugian Waste	-	-	-	-	-	-	-	-	-	-	-
Prosesan Processing	249.2	214.1	222.8 ^e	600.0	777.6 ^e	412.7	-14.1	4.1	169.3	29.6	47.2
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	33,255.9	31,728.3	33,026.3 ^p	35,644.5	46,195.8 ^p	35,970.2	-4.6	4.1	7.9	29.6	9.3
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	1.2	1.2	1.2^p	1.3	1.6^p	1.3	-5.8	2.8	6.6	27.6	7.8
Kadar sara diri (%) Self-sufficiency ratio (%)	99.9	100.4	99.1	98.7	101.3	100.0					
Kadar kebergantungan import (%) Import dependency ratio (%)	0.1	0.0	5.5	8.9	5.0	4.1					

Nota: p permulaan/preliminary

Notes e anggaran/estimate

Jadual 11: Akaun pembekalan dan penggunaan bagi kubis bulat, Malaysia, 2006-2010

Table 11: Supply and utilization accounts for round cabbage, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	73,939.7	40,829.5	46,800.9	99,631.7^r	181,482.4	88,536.8	-44.8	14.6	112.9	82.2	41.2
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	45,957.0	12,184.0	10,534.0	60,894.0	143,562.0	54,626.2	-73.5	-13.5	478.1	135.8	131.7
Import Imports	27,982.7	28,645.5	36,266.9	38,737.7 ^r	37,920.4	33,910.6	2.4	26.6	6.8	-2.1	8.4
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	131.2	8.0	1,345.9	1,426.2 ^r	3,108.6	1,204.0	-93.9	16,724.0	6.0	118.0	4,188.5
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	-	-	-	-	-	-	-	-	-	-	-
Kerugian Waste	4,133.3	2,286.0	2,545.5	5,499.5 ^r	9,988.9	4,890.6	-44.7	11.4	116.1	81.6	41.1
Prosesan Processing	-	-	-	-	-	-	-	-	-	-	-
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	69,675.3	38,535.5	42,909.5	92,706.0 ^r	168,384.9	82,442.2	-44.7	11.4	116.1	81.6	41.1
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	2.6	1.4	1.6	3.3	5.9	3.0	-45.4	9.9	113.3	78.8	39.2
Kadar sara diri (%) Self-sufficiency ratio (%)	62.3	29.8	23.2	62.0^r	80.5	62.5					
Kadar kebergantungan import (%) Import dependency ratio (%)	37.9	70.2	79.8	39.4^r	21.3	38.8					

Nota: ^r pindaan/revised

Notes

Jadual 12: Akaun pembekalan dan penggunaan bagi tomato, Malaysia, 2006-2010
Table 12: Supply and utilization accounts for tomato, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	66,864.3	41,985.4^r	30,131.9	31,842.3^r	135,360.4	61,236.9	-37.2	-28.2	5.7	325.1	66.3
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	63,282.0	35,638.0	26,752.0	29,202.0	133,670.0	57,708.8	-43.7	-24.9	9.2	357.7	74.6
Import Imports	3,582.3	6,347.4 ^r	3,379.9	2,640.3 ^r	1,690.4	3,528.1	77.2	-46.8	-21.9	-36.0	-6.9
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	22,886.1	23,715.6	24,909.6	26,419.9 ^r	31,413.0	25,868.8	3.6	5.0	6.1	18.9	8.4
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	3,078.5	1,278.9 ^r	365.6	379.6 ^r	7,276.3	2,475.8	-58.5	-71.4	3.8	1,817.0	422.7
Kerugian Waste	3,088.5	2,362.9	3,835.6 ^r	2,492.7 ^r	47,784.0 ^e	11,912.7	-23.5	62.3	-35.0	1,817.0	455.2
Prosesan Processing	-	-	-	-	-	-	-	-	-	-	-
Stok akhir Closing stocks	37,811.3 ^r	14,628.1 ^r	1,021.2 ^r	2,550.2 ^r	48,887.1 ^p	20,979.6	-61.3	-93.0	149.7	1,817.0	453.1
Makanan Food											
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	1.4	0.5	0.0^r	0.1	1.7^p	0.8	-61.8	-93.1	146.6	1,787.3	444.7
Kadar sara diri (%) Self-sufficiency ratio (%)	143.9	195.1^r	512.3	538.5^r	128.6	163.2					
Kadar kebergantungan import (%) Import dependency ratio (%)	8.1	34.7	64.7	48.7	1.6	10.0					

Nota: r pindaan/ revised

Notes: p permulaan/ preliminary

e anggaran/ estimate

Jadual 13: Akaun pembekalan dan penggunaan bagi cili, Malaysia, 2006-2010
Table 13: Supply and utilization accounts for chilli, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	65,300.8	67,170.8	52,934.7	61,738.3^r	60,912.7	61,611.5	2.9	-21.2	16.6	-1.3	-0.8
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	33,591.0	33,032.0	30,796.0	34,823.0	29,538.0	32,356.0	-1.7	-6.8	13.1	-15.2	-2.6
Import Imports	31,709.8	34,138.8	22,138.7	26,915.3 ^r	31,374.7	29,255.5	7.7	-35.2	21.6	16.6	2.7
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	5,703.5	5,762.4	4,852.5	5,111.0 ^r	6,278.2	5,541.5	1.0	-15.8	5.3	22.8	3.4
Benih Seed	235.1	231.2	215.6	243.8	206.8	226.5	-1.7	-6.8	13.1	-15.2	-2.6
Makanan ternakan Feed	-	-	-	-	-	-	-	-	-	-	-
Kerugian Waste	2,979.9	3,070.4	2,404.1	2,831.4 ^r	2,731.7	2,803.5	3.0	-21.7	17.8	-3.5	-1.1
Prosesan Processing	6,309.2	16,753.0	10,443.0	18,153.0 ^r	17,514.1 ^e	13,834.5	165.5	-37.7	73.8	-3.5	49.5
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	50,073.1	41,353.8	35,019.6	35,399.2 ^r	34,181.8 ^p	39,205.5	-17.4	-15.3	1.1	-3.4	-8.8
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	1.9	1.5	1.3	1.3^r	1.2^p	1.4	-18.5	-16.4	-0.2	-4.9	-10.0
Kadar sara diri (%) Self-sufficiency ratio (%)	56.4	53.8	64.0	61.5	54.1	57.7					
Kadar kebergantungan import (%) Import dependency ratio (%)	53.2	55.6	46.0	47.5^r	57.4	52.2					

Nota: r pindaan/revised

Notes p permulaan/preliminary

e anggaran/estimate

Jadual 14: Akaun pembekalan dan penggunaan bagi timun, Malaysia, 2006-2010
Table 14: Supply and utilization accounts for cucumber, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	69,389.8	64,317.4	68,336.0	90,973.7	73,128.6	73,229.1	-7.3	6.2	33.1	-19.6	3.1
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	55,539.0	50,852.0	53,922.0	76,298.0	60,719.0	59,466.0	-8.4	6.0	41.5	-20.4	4.7
Import Imports	13,850.8	13,465.4	14,414.0	14,675.7	12,409.6	13,763.1	-2.8	7.0	1.8	-15.4	-2.3
Penggunaan (tan metrik) Utilization (tonnes)	23,238.2	21,220.8	22,495.6	23,209.0	25,122.5	23,057.2	-8.7	6.0	3.2	8.2	2.2
Eksport Exports	-	-	-	-	-	-	-	-	-	-	-
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	-	-	-	-	-	-	-	-	-	-	-
Kerugian Waste	1,144.6	1,068.8	1,136.8	1,680.6	1,190.5	1,244.3	-6.6	6.4	47.8	-29.2	4.6
Prosesan Processing	23.1	21.5	22.9	33.9	24.0	25.1	-6.6	6.4	47.8	-29.2	4.6
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	44,984.0	42,006.3	44,680.7	66,050.2	46,791.5	48,902.5	-6.6	6.4	47.8	-29.2	4.6
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	1.7	1.5	1.6	2.4	1.7	1.8	-7.8	5.0	45.9	-30.3	3.2
Kadar sara diri (%) Self-sufficiency ratio (%)	120.3	118.0	117.6	112.6	126.5	118.5					
Kadar kebergantungan import (%) Import dependency ratio (%)	30.0	31.2	31.4	21.7	25.9	27.4					

Nota: r pindaan/ revised
Notes

Jadual 15: Akaun pembekalan dan penggunaan bagi sawi, Malaysia, 2006-2010*Table 15: Supply and utilization accounts for mustard, Malaysia, 2006-2010*

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				
							06-07	07-08	08-09	09-10	Purata Average
Pembekalan (tan metrik) Supply (tonnes)	85,783.9	75,545.4	119,068.2	88,171.7^r	123,028.6	98,319.6	-11.9	57.6	-25.9	39.5	14.8
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	85,701.0	75,365.0	117,597.0	86,267.0	120,979.0	97,181.8	-12.1	56.0	-26.6	40.2	14.4
Import Imports	82.9	180.4	1,471.2	1,904.7 ^r	2,049.6	1,137.8	117.5	715.7	29.5	7.6	217.6
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	-	-	5,006.4	6,436.6 ^r	9,614.1	4,211.4	-	-	28.6	49.4	-
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	-	-	-	-	-	-	-	-	-	-	-
Kerugian Waste	2,144.6	1,888.6	2,851.5	2,043.4 ^r	2,835.4	2,352.7	-11.9	51.0	-28.3	38.8	12.4
Prosesan Processing	-	-	-	-	-	-	-	-	-	-	-
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	83,639.3	73,656.7 ^r	111,210.3	79,691.7 ^r	110,579.1	91,755.4	-11.9	51.0	-28.3	38.8	12.4
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	3.1	2.7	4.0	2.9	3.9	3.3	-13.1	49.0	-29.3	36.6	10.8
Kadar sara diri (%) Self-sufficiency ratio (%)	99.9	99.8	103.1	105.5	106.7	103.3					
Kadar kebergantungan import (%) Import dependency ratio (%)	0.1	0.2	1.3	2.3^r	1.8	1.2					

Nota: r pindaan/revised

Notes

Jadual 16: Akaun pembekalan dan penggunaan bagi terung, Malaysia, 2006-2010
Table 16: Supply and utilization accounts for brinjal, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	24,881.7	21,492.0	21,393.2	27,223.6	35,019.0	26,001.9	-13.6	-0.5	27.3	28.6	10.5
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	24,576.0	20,706.0	20,503.0	25,882.0	33,718.0	25,077.0	-15.7	-1.0	26.2	30.3	9.9
Import Imports	305.7	786.0	890.2	1,341.6	1,301.0	924.9	157.1	13.3	50.7	-3.0	54.5
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	5,600.9	6,254.9	6,559.3	8,063.3	8,335.2	6,962.7	11.7	4.9	22.9	3.4	10.7
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	-	-	-	-	-	-	-	-	-	-	-
Kerugian Waste	482.0	380.9	370.8	479.0	667.1	476.0	-21.0	-2.6	29.2	39.3	11.2
Prosesan Processing	-	-	-	-	-	-	-	-	-	-	-
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	18,798.8	14,856.2	14,463.0	18,681.2	26,016.8	18,563.2	-21.0	-2.6	29.2	39.3	11.2
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	0.7	0.5	0.5	0.7	0.9	0.7	-22.0	-3.9	27.5	37.1	9.7
Kadar sara diri (%) Self-sufficiency ratio (%)	127.5	135.9	138.2	135.1	126.4	131.7					
Kadar kebergantungan import (%) Import dependency ratio (%)	1.6	5.2	6.0	7.0	4.9	4.9					

Jadual 17: Akaun pembekalan dan penggunaan bagi kacang panjang, Malaysia, 2006-2010
Table 17: Supply and utilization accounts for long bean, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	45,924.0	35,920.3	37,940.9	37,563.7	39,702.6	39,410.3	-21.8	5.6	-1.0	5.7	-2.9
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	45,924.0	35,919.0	37,815.0	37,424.0	39,432.0	39,302.8	-21.8	5.3	-1.0	5.4	-3.0
Import Imports	-	1.3	125.9	139.7	270.6	107.5	-	9,587.7	10.9	93.7	-
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	19.3	44.0	4,524.2	6,050.3	6,767.7	3,481.1	127.8	10,180.0	33.7	11.9	2,588.4
Benih Seed	202.0	157.9	147.0	138.7	144.9	158.1	-21.8	-6.9	-5.7	4.5	-7.5
Makanan ternakan Feed	-	-	-	-	-	-	-	-	-	-	-
Kerugian Waste	1,253.2	979.4	912.3	860.3	899.1	980.9	-21.8	-6.9	-5.7	4.5	-7.5
Prosesan Processing	-	-	-	-	-	-	-	-	-	-	-
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	44,449.5	34,739.0	32,357.4	30,514.4	31,890.9	34,790.2	-21.8	-6.9	-5.7	4.5	-7.5
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	1.7	1.3	1.2	1.1	1.1	1.3	-22.9	-8.1	-6.9	2.9	-8.7
Kadar sara diri (%) Self-sufficiency ratio (%)	100.0	100.1	113.2	118.8	119.7	109.4					
Kadar kebergantungan import (%) Import dependency ratio (%)	-	0.0	0.4	0.4	0.8	0.3					

Jadual 18: Akaun pembekalan dan penggunaan bagi bendi, Malaysia, 2006-2010

Table 18: Supply and utilization accounts for lady's finger, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				
							06-07	07-08	08-09	09-10	Purata Average
Pembekalan (tan metrik) Supply (tonnes)	20,605.2	20,967.9	17,888.2	25,773.4	26,302.8	22,307.5	1.8	-14.7	44.1	2.1	8.3
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	20,584.0	20,958.0	17,858.0	25,739.0	26,267.0	22,281.2	1.8	-14.8	44.1	2.1	8.3
Import Imports	21.2	9.9	30.2	34.4	35.8	26.3	-53.1	204.2	13.8	4.0	42.2
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	-	-	1,881.3	3,382.5	4,048.9	1,862.5	-	-	79.8	19.7	-
Benih Seed	6.2	6.3	4.8	6.7	6.7	6.1	1.8	-23.7	39.9	-0.6	4.3
Makanan ternakan Feed	1,648.4	1,677.4	1,280.6	1,791.3	1,780.3	1,635.6	1.8	-23.7	39.9	-0.6	4.3
Kerugian Waste	-	-	-	-	-	-	-	-	-	-	-
Prosesan Processing	-	-	-	-	-	-	-	-	-	-	-
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	18,950.6	19,284.2	14,721.6	20,592.9	20,466.9	18,803.2	1.8	-23.7	39.9	-0.6	4.3
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	0.7	0.7	0.5	0.7	0.7	0.7	0.4	-24.6	38.1	-2.2	2.9
Kadar sara diri (%) Self-sufficiency ratio (%)	99.9	100.0	111.6	115.0	118.0	109.0					
Kadar kebergantungan import (%) Import dependency ratio (%)	0.1	0.0	0.2	0.2	0.2	0.1					

Jadual 19: Akaun pembekalan dan penggunaan bagi bayam, Malaysia, 2006-2010

Table 19: Supply and utilization accounts for spinach, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	34,675.4	42,189.7	44,937.3	51,752.3	40,362.6	42,783.5	21.7	6.5	15.2	-22.0	5.3
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	33,842.0	41,271.0	43,994.0	51,240.0	39,933.0	42,056.0	22.0	6.6	16.5	-22.1	5.7
Import Imports	833.4	918.7	943.3	512.3	429.6	727.5	10.2	2.7	-45.7	-16.2	-12.2
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	6,249.0	5,863.6	7,817.9	9,563.2	12,323.5	8,363.4	-6.2	33.3	22.3	28.9	19.6
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	-	-	-	-	-	-	-	-	-	-	-
Kerugian Waste	776.0	991.7	1,013.4	1,151.8	765.5	939.7	27.8	2.2	13.7	-33.5	2.5
Prosesan Processing	-	-	-	-	-	-	-	-	-	-	-
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	27,650.3	35,334.5	36,106.1	41,037.4	27,273.6	33,480.4	27.8	2.2	13.7	-33.5	2.5
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	1.0	1.3	1.3	1.5	1.0	1.2	26.1	0.9	12.2	-34.6	1.2
Kadar sara diri (%) Self-sufficiency ratio (%)	119.1	113.6	118.5	121.5	142.4	122.2					
Kadar kebergantungan import (%) Import dependency ratio (%)	2.9	2.5	2.5	1.2	1.5	2.1					

Jadual 20: Akaun pembekalan dan penggunaan bagi daging lembu/kerbau, Malaysia, 2006-2010
Table 20: Supply and utilization accounts for beef, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	144,603.0	144,028.5	137,300.4	150,501.4^p	155,450.2^p	146,376.7	-0.4	-4.7	9.6	3.3	2.0
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	31,885.0	34,976.0	38,250.0	42,178.0 ^p	46,510.0 ^p	38,759.8	9.7	9.4	10.3	10.3	9.9
Import Imports	112,718.0	109,052.5	99,050.4	108,323.4	108,940.2	107,616.9	-3.3	-9.2	9.4	0.6	-0.6
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	1,144.9	1,273.7	2,299.8	2,243.8	3,648.7	2,122.2	11.3	80.6	-2.4	62.6	38.0
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	-	-	-	-	-	-	-	-	-	-	-
Kerugian Waste	-	-	-	-	-	-	-	-	-	-	-
Prosesan Processing	8,491.3	2,141.5	4,010.7	5,683.1	5,818.9 ^e	5,229.1	-74.8	87.3	41.7	2.4	14.1
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	134,966.9	140,613.2	130,990.0	142,574.6 ^p	145,982.6 ^p	139,025.4	4.2	-6.8	8.8	2.4	2.1
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	5.0	5.2	4.8	5.1^p	5.2^p	5.0	2.8	-8.0	7.5	0.8	0.8
Kadar sara diri (%) Self-sufficiency ratio (%)	22.2	24.5	28.3	28.4^p	30.6^p	26.9					
Kadar kebergantungan import (%) Import dependency ratio (%)	78.6	76.4	73.4	73.1^p	71.8^p	74.6					

Nota: p permulaan/preliminary
 Notes e anggaran/estimate

Jadual 21: Akaun pembekalan dan penggunaan bagi daging kambing/bebiri, Malaysia, 2006-2010

Table 21: Supply and utilization accounts for mutton, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	17,605.5	19,585.0	19,965.2	20,561.8^p	24,502.1^p	20,443.9	11.2	1.9	3.0	19.2	8.8
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	1,600.0	1,780.0	1,958.4	2,161.9 ^p	2,386.5 ^p	1,977.4	11.3	10.0	10.4	10.4	10.5
Import Imports	16,005.5	17,805.0	18,006.8	18,399.9	22,115.6	18,466.6	11.2	1.1	2.2	20.2	8.7
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	-	-	50.0	11.3	78.6	28.0	-	-	-77.4	596.1	-
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	-	-	-	-	-	-	-	-	-	-	-
Kerugian Waste	-	-	-	-	-	-	-	-	-	-	-
Prosesan Processing	-	-	-	-	-	-	-	-	-	-	-
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	17,605.5	19,585.0	19,915.3	20,550.5 ^p	24,423.5 ^p	20,416.0	11.2	1.7	3.2	18.8	8.7
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	0.7	0.7	0.7	0.7^p	0.9^p	0.7	9.8	0.4	1.9	17.0	7.3
Kadar sara diri (%) Self-sufficiency ratio (%)	9.1	9.1	9.8	10.5^p	9.8^p	9.7					
Kadar kebergantungan import (%) Import dependency ratio (%)	90.9	90.9	90.4	89.5^p	90.6^p	90.5					

Nota: p permulaan/preliminary

Notes

Jadual 22: Akaun pembekalan dan penggunaan bagi daging babi, Malaysia, 2006-2010

Table 22: Supply and utilization accounts for pork, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	219,731.4	202,735.7	197,377.2	210,011.4 ^p	244,309.5 ^p	214,833.0	-7.7	-2.6	6.4	16.3	3.1
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	216,747.0	200,109.0	195,070.0	206,026.0 ^p	234,000.0 ^p	210,390.4	-7.7	-2.5	5.6	13.6	2.2
Import Imports	2,984.4	2,626.7	2,307.2	3,985.4	10,309.5	4,442.6	-12.0	-12.2	72.7	158.7	51.8
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	437.4	1,048.9	943.6	2,523.5	828.2	1,156.3	139.8	-10.0	167.4	-67.2	57.5
Benih Seed	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	-	-	-	-	-	-	-	-	-	-	-
Kerugian Waste	-	-	-	-	-	-	-	-	-	-	-
Prosesan Processing	2,631.5	2,420.2	2,357.2	2,489.9 ^p	2,921.8 ^p	2,564.1	-8.0	-2.6	5.6	17.3	3.1
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	216,662.4	199,266.6	194,076.4	204,998.0 ^p	240,559.5 ^p	211,112.6	-8.0	-2.6	5.6	17.3	3.1
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
40 % Penduduk ('000) 40 % of population ('000)	10,732.6	10,874.4	11,016.2	11,158.1	11,333.6						
Penggunaan per kapita (kg/tnh)* Per capita consumption (kg/yr)	20.2	18.3	17.6	18.4 ^p	21.2 ^p	19.1	-9.2	-3.9	4.3	15.5	1.7
Kadar sara diri (%) Self-sufficiency ratio (%)	98.8	99.2	99.3	99.3 ^p	96.1 ^p	98.5					
Kadar kebergantungan import (%) Import dependency ratio (%)	1.4	1.3	1.2	1.9 ^p	4.2 ^p	2.1					

Nota: * Berdasarkan 40 % penduduk bukan Islam

Notes Based on 40% non-Muslim population

p permulaan/preliminary

Jadual 23: Akaun pembekalan dan penggunaan bagi telur ayam/itik, Malaysia, 2006-2010

Table 23: Supply and utilization accounts for chicken/duck egg, Malaysia, 2006-2010

Komoditi Commodity	2006	2007	2008	2009	2010	Purata Average	Peratus perubahan tahunan (%) Annual percentage change (%)				Purata Average
							06-07	07-08	08-09	09-10	
Pembekalan (tan metrik) Supply (tonnes)	465,480.3	492,639.1	523,461.9	556,488.8^p	589,615.2^p	525,537.0	5.8	6.3	6.3	6.0	6.1
Stok awal Opening stocks	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran Production	465,060.0	492,060.0	522,900.0	556,200.0 ^p	589,560.0 ^p	525,156.0	5.8	6.3	6.4	6.0	6.1
Import Imports	420.3	579.1	561.9	288.8	55.2	381.0	37.8	-3.0	-48.6	-80.9	-23.7
Penggunaan (tan metrik) Utilization (tonnes)											
Eksport Exports	56,593.9	62,741.3	84,999.9	101,275.0	74,373.4	75,996.7	10.9	35.5	19.1	-26.6	9.7
Penetasan Hatching	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan Feed	-	-	-	-	-	-	-	-	-	-	-
Kerugian Waste	-	-	-	-	-	-	-	-	-	-	-
Prosesan Processing	33,493.4	43,779.1	48,210.0	38,365.0	43,424.1 ^e	41,454.3	30.7	10.1	-20.4	13.2	8.4
Stok akhir Closing stocks	-	-	-	-	-	-	-	-	-	-	-
Makanan Food	375,393.0	386,118.7	390,252.0	416,848.8 ^p	471,817.6 ^p	408,086.0	2.9	1.1	6.8	13.2	6.0
Penduduk ('000) Population ('000)	26,831.5	27,186.0	27,540.5	27,895.3	28,334.1						
Penggunaan per kapita (kg/thn) Per capita consumption (kg/yr)	14.0	14.2	14.2	14.9^p	16.7^p	14.8	1.5	-0.2	5.5	11.4	4.5
Kadar sara diri (%) Self-sufficiency ratio (%)	113.7	114.5	119.3	122.2^p	114.4^p	116.8	0.6	4.2	2.5	-6.4	0.2
Kadar kebergantungan import (%) Import dependency ratio (%)	0.1	0.1	0.1	0.1^p	0.0^p	0.1	31.0	-4.9	-50.5	-83.1	-26.9

Nota: p permulaan/preliminary

Notes e anggaran/estimate

Nota Teknikal



NOTA TEKNIKAL

1. *Food and Agriculture Organization of the United Nations (FAO)* merupakan sumber rujukan utama dalam memberi konsep dan definisi yang diguna pakai di dalam penerbitan ini. Rujukan lain meliputi agensi statistik Filipina seperti *Bureau of Agricultural Statistics (BAS)* dan *National Statistical Coordination Board (NSCB)*.
2. Formula yang diguna pakai juga berdasarkan kepada formula dan cadangan FAO.
3. SUA disusun dalam kuantiti fizikal dan memaparkan perangkaan pembekalan dan penggunaan yang disimpan bersama secara fizikal dalam satu lembaran untuk memadankan elemen-elemen pembekalan dengan penggunaan. Akaun tersebut adalah dalam bentuk persamaanimbangan yang mana hasilnya satu elemen lazimnya dikira sebagai lebihan atau baki.
4. Elemen yang terkandung dalam pembekalan ialah pengeluaran, import dan stok awal, manakala elemen dalam penggunaan ialah eksport, makanan ternak, benih, kerugian, prosesan, stok akhir dan makanan. Jumlah elemen pembekalan adalah diseimbangkan dengan jumlah elemen penggunaan.

Pembekalan = Pengeluaran + Import + Stok Awal

**Penggunaan = Eksport + Benih + Makanan Ternakan + Kerugian
+ Prosesan + Stok Akhir + Makanan**

Jumlah Pembekalan = Jumlah Penggunaan

5. Benih ialah sejumlah komoditi yang diperuntukkan bagi tujuan penanaman baru dan penanaman semula.

6. Bagi penyediaan SUA telur, elemen benih diganti dengan elemen penetasan. Penetasan ialah sejumlah kuantiti yang diperuntukkan daripada pengeluaran untuk tujuan penetasan.
7. Data pengeluaran telur meliputi telur ayam dan telur itik. Telur untuk penetasan tidak diambil kira dalam penyediaan SUA telur kerana data pengeluaran yang diperolehi merujuk kepada telur untuk dimakan/diguna sahaja.
8. Purata berat telur yang diambil untuk penyediaan SUA telur ialah 60 gram sebiji.
9. Prosesan merujuk kepada kuantiti yang diguna untuk prosesan makanan dan makanan ternakan dari produk utama, contoh pisang yang digunakan dalam pembuatan kerepek pisang dan produk bakeri; nanas diproses untuk makanan dalam tin; kelapa untuk kelapa kering dan sebagainya.
10. Makanan merujuk kepada jumlah komoditi/makanan yang ada untuk makanan manusia dalam tempoh rujukan. Ia adalah hasil daripada Jumlah pembekalan bersih tolak (Benih + Makanan Ternakan + Kerugian + Prosesan). Lazimnya makanan merupakan baki (*residuals*) setelah semua komponen penggunaan yang lain ditentukan.

Makanan = Jumlah pembekalan bersih - (Benih + Makanan Ternakan + Kerugian + Prosesan)

Jumlah pembekalan bersih = (Pengeluaran + Import ± Stok) – Eksport

11. Unit pengukuran yang diguna ialah tan metrik.
12. Jumlah purata yang dipaparkan dalam jadual adalah terbitan daripada membahagikan jumlah data lima tahun dengan bilangan tahun. Purata bagi

peratus perubahan tahunan adalah dengan membahagikan jumlah peratus perubahan dengan empat.

13. Jumlah purata bagi Kadar sara diri dan Kadar kebergantungan import pula dikira mengikut formula SSR dan IDR yang diberi.
14. Penggunaan per kapita dikira untuk mendapatkan penggunaan (makanan) bagi setiap penduduk dalam setahun. Unit pengukurannya adalah dalam kilogram setahun.

$$\text{Penggunaan per kapita (kg/thn)} = \frac{\text{Makanan} \times 1,000 \text{ kg}}{\text{Penduduk}}$$

15. Penggunaan per kapita bagi babi dikira berdasarkan 40 peratus penduduk bukan Islam.
16. Data 2006-2009 adalah data unjuran penduduk berdasarkan Banci Penduduk dan Perumahan 2000 yang disesuaikan. Semakan semula ke atas unjuran penduduk 2001-2020 telah dibuat berdasarkan trend terkini kadar kesuburan dan pekerja asing.
17. Data 2010 adalah berdasarkan Banci Penduduk dan Perumahan 2010 yang telah disesuaikan kepada kadar kurang penghitungan.
18. Kadar sara diri
 - 18.1 Kadar sara diri menerangkan tentang magnitud pengeluaran terhadap penggunaan domestik. Ia menunjukkan setakat mana bekalan domestik dalam negara dihasilkan daripada pengeluaran domestik.
 - 18.2 Kadar sara diri yang kurang daripada 100 peratus menunjukkan pengeluaran tidak mencukupi untuk memenuhi keperluan domestik.

Sekiranya 100 peratus, pengeluaran adalah mencukupi untuk memenuhi keperluan domestik, manakala kadar melebihi 100 peratus menunjukkan pengeluaran domestik adalah lebih daripada mencukupi untuk menampung penggunaan domestik.

$$\text{Kadar sara diri} = \frac{\text{Pengeluaran} \times 100}{(\text{Pengeluaran} + \text{Import} \pm \text{Stok}) - \text{Eksport}}$$

19. Kadar kebergantungan import menerangkan tentang pergantungan negara kepada bekalan import. Ia dikira untuk mengetahui banyak mana bekalan perlu diimport untuk memenuhi keperluan domestik. Kadar yang tinggi menunjukkan pergantungan yang tinggi terhadap import.

$$\text{Kadar kebergantungan} = \frac{\text{Import} \times 100}{(\text{Pengeluaran} + \text{Import} \pm \text{Stok}) - \text{Eksport}}$$

20. Pembundaran anggaran

Hasil tambah bagi sesuatu kategori mungkin tidak sentiasa sama dengan jumlah yang ditunjukkan dalam jadual yang berkaitan kerana pembundaran secara bebas kepada satu titik perpuluhan. Walau bagaimanapun, perbezaan ini adalah tidak ketara.

Technical Notes



TECHNICAL NOTES

1. *Food and Agriculture Organization of the United Nations (FAO) is the main reference for this publication in defining concepts and definition. Other references are from Philippines statistical agencies such as Bureau of Agriculture Statistics (BAS) and National Statistical Coordination Board (NSCB).*
2. *Formula used is based on formula and recommendations by FAO.*
3. *SUA is compiled in physical quantities and presents statistics on supply and utilization which are kept physically together to allow the matching of elements of supply with utilization. The accounts are in the form of balancing equations with the result that one element is usually derived as the remainder or residual.*
4. *Elements found in supply are production, imports and opening stocks, while the elements in utilization are exports, feed, seed, waste, processing, closing stocks and food. The sum of the supply elements equates the sum of the utilization elements.*

Supply = Production + Imports + Opening Stocks

**Utilization = Exports + Seed + Feed + Waste + Processing
+ Closing Stocks + Food**

Total Supply = Total Utilization

5. *Seeds refer to the amount of commodity allotted for the purpose of new planting or replanting.*
6. *The element seed in SUA for egg is replaced with hatchery. Hatchery refers to quantity allocated from production for hatching purposes.*

7. *The production of egg includes chicken and duck eggs. Eggs for hatching are not taken into account in the preparation of SUA for egg, for the data obtained refer to the production of egg for consumption only.*
8. *The average weight of egg taken for the preparation of SUA is 60 grams per egg.*
9. *Processing refers to the quantity used in the processing of food and feed products from primary products, e.g. banana for processing of banana chips and for bakery products, pineapple for processing of fruits in cans, coconut used in the processing of desiccated coconut and others.*
10. *Food refers to the total commodity/food for human consumption in the reference period. It is derived from Total net supply minus (Seed + Feed + Waste + Processing). In practice, food is the remainder or residual derived after all other utilization elements are determined.*

$\text{Food} = \text{Total net supply} - (\text{Seed} + \text{Feed} + \text{Waste} + \text{Processing})$

$\text{Total net supply} = (\text{Production} + \text{Imports} \pm \text{Stocks}) - \text{Exports}$

11. *The unit of measurement used is tonne.*
12. *The average levels presented in the statistical tables are derived by dividing the sum of five years data by the number of years. The average percentage change is derived by dividing the sum of percentage change by four.*
13. *The total average of the self-sufficiency ratio (SSR) and import dependency ratio (IDR) is calculated based on the formula of SSR and IDR provided.*

14. *Per capita consumption refers to food consumed by each person per year. The unit of measurement is kilogram per year.*

$$\text{Per capita consumption (kg/yr)} = \frac{\text{Food} \times 1,000 \text{ kg}}{\text{Population}}$$

15. *Per capita consumption for pork is calculated based on the 40 per cent of non-Muslims population.*
16. *The 2006-2009 figures are population projections figures based on the adjusted 2000 Population and Housing Census. The population projections for 2001-2020 have been revised based on latest trend of the fertility rate and foreign workers.*
17. *The 2010 figures are based on 2010 Population and Housing Census which had been adjusted for under-enumeration.*
18. *Self-sufficiency ratio (SSR)*
- 18.1 *SSR expresses the magnitude of production in relation to domestic utilization. It is the extent to which a country's supply of commodities is derived from its own domestic production.*
- 18.2 *SSR of less than 100 per cent indicates inadequacy of production to cope with the demand of the domestic requirements; equal to 100 per cent indicates that production capacity of the sector is just enough to support the domestic need; ratio of greater than 100 per cent indicates that domestic production is more than enough to support the domestic requirements.*

$$\text{Self-sufficiency ratio} = \frac{\text{Production} \times 100}{(\text{Production} + \text{Imports} \pm \text{Stocks}) - \text{Exports}}$$

19. *Import dependency ratio shows the extent to which a country's supply of commodities is derived or originates from abroad. It is calculated to show how much of the available domestic supply has been imported. The higher ratio implies greater dependency on import.*

$$\text{Import dependency ratio} = \frac{\text{Imports} \times 100}{(\text{Production} + \text{Imports} \pm \text{Stocks}) - \text{Exports}}$$

20. *Rounding of estimates*

The sum of individual figures may not always equal to the total shown in related tables because of independent rounding to one decimal place. Differences however, are insignificant.

Sumber Data



Data Source

SUMBER DATA
DATA SOURCE

Perkara/Subject	Agensi/Agency
<ul style="list-style-type: none"> • Data pengeluaran bagi 19 komoditi tanaman terpilih <i>Data on production of the 19 selected crops commodities</i> 	<ul style="list-style-type: none"> • Kementerian Pertanian dan Industri Asas Tani Malaysia <i>Ministry of Agriculture & Agro-Based Industry Malaysia</i> • Jabatan Pertanian Malaysia <i>Department of Agriculture Malaysia</i>
<ul style="list-style-type: none"> • Data pengeluaran bagi empat komoditi ternakan terpilih <i>Data on production of four selected livestock commodities</i> 	<ul style="list-style-type: none"> • Jabatan Perkhidmatan Veterinar <i>Department of Veterinary Services</i>
<ul style="list-style-type: none"> • Data pembuatan <i>Manufacturing data</i> • Data import dan eksport <i>Imports and exports data</i> • Jumlah penduduk <i>Total population</i> 	<ul style="list-style-type: none"> • Jabatan Perangkaan Malaysia <i>Department of Statistics, Malaysia</i>
<ul style="list-style-type: none"> • Formula <ul style="list-style-type: none"> - Pembekalan dan Penggunaan <i>Supply and utilization</i> - Kadar sara diri <i>Self-sufficiency ratio</i> - Penggunaan per kapita <i>Per capita consumption</i> - Kadar kebergantungan import <i>Import dependency ratio</i> 	<ul style="list-style-type: none"> • <i>Food and Agriculture Organization of the United Nations (FAO)</i>
<ul style="list-style-type: none"> • Kadar pertukaran dan penganggaran <i>Conversion factors and estimation</i> 	<ul style="list-style-type: none"> • Kementerian Pertanian dan Industri Asas Tani Malaysia <i>Ministry of Agriculture & Agro-Based Industry Malaysia</i> • <i>FAO, Bureau of Agricultural Statistics (BAS), Philippines, Badan Pusat Statistik (BPS), Indonesia</i>

Singkatan dan Simbol



Abbreviations and Symbols

SINGKATAN DAN SIMBOL
ABBREVIATIONS AND SYMBOLS

SUA	Akaun pembekalan dan penggunaan <i>Supply and utilization accounts</i>
PCC	Penggunaan per kapita <i>Per capita consumption</i>
SSR	Kadar sara diri <i>Self-sufficiency ratio</i>
IDR	Kadar kebergantungan import <i>Import dependency ratio</i>
Kg/thn	Kilogram setahun
Kg/yr	<i>Kilogram per year</i>
p	Permulaan <i>Preliminary</i>
r	Pindaan <i>Revised</i>
e	Anggaran <i>Estimate</i>
-	Tiada data <i>No data</i>
0.0	Kurang daripada setengah unit terkecil yang ditunjukkan. Contoh: kurang daripada 0.05 peratus. <i>Less than half the smallest unit shown. For example: less than 0.05 per cent.</i>

RUJUKAN REFERENCE

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