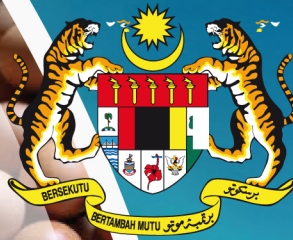


ISSN 2231 - 718X



MALAYSIA

**AKAUN PEMBEKALAN DAN PENGGUNAAN
KOMODITI PERTANIAN TERPILIH**

**SUPPLY AND UTILIZATION ACCOUNTS
SELECTED AGRICULTURAL COMMODITIES**

2008 - 2012



Jabatan Perangkaan
MALAYSIA

Jabatan Perangkaan Malaysia
Department of Statistics, Malaysia

ISSN 2231-718X





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KATA PENGANTAR

Akaun Pembekalan dan Penggunaan Komoditi Pertanian Terpilih, Malaysia, meliputi 30 komoditi pertanian terpilih bagi 2008 hingga 2012. Semua 28 komoditi dalam penerbitan sebelum ini dikekalkan dengan tambahan dua komoditi masing-masing satu daripada tanaman dan ternakan. Penyusunan Akaun Pembekalan dan Penggunaan (SUA) ini adalah berdasarkan konsep dan metodologi yang terkandung dalam *Food Balance Sheets – A Handbook*, Food and Agriculture Organization of the United Nations (FAO), Rome, 2001.

Beberapa indikator pertanian telah dihasilkan daripada penyediaan SUA 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 untuk kemajuan negara serta kesejahteraan rakyat.

Jabatan merakamkan penghargaan dan terima kasih kepada semua pihak yang terlibat dalam menyumbang kepada penerbitan ini. Ulasan dan cadangan ke arah penambahbaikan penerbitan ini pada masa hadapan amatlah dihargai.

DR. HAJI ABDUL RAHMAN BIN HASAN

Ketua Perangkawan Malaysia

Disember 2013

PREFACE

Supply and Utilization Accounts of Selected Agricultural Commodities, Malaysia, covers 30 selected agricultural commodities for 2008 to 2012. All 28 commodities in the previous publication are retained with additional two commodities each from crops and livestock. The compilation of the Supply and Utilization Accounts (SUA) tables is based on the concepts and methodologies contained in the Food Balance Sheets - A Handbook, Food and Agriculture Organization of the United Nations (FAO), Rome, 2001.

Several agriculture indicators are generated from SUA 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 agricultural sector for the progress of the country and wellbeing of the people.

The Department would like to express its appreciation and gratitude to all parties involved in contributing to this publication. Comments and suggestions towards improving future publications are greatly appreciated.

DR. HAJI ABDUL RAHMAN BIN HASAN

Chief Statistician, Malaysia

December 2013

KANDUNGAN

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RINGKASAN PENEMUAN

SUMMARY OF FINDINGS

RINGKASAN PENEMUAN

1. Tanaman terpilih

1.1 Kelapa mencatatkan pengeluaran tertinggi berbanding tanaman terpilih lain dengan purata 511.0 ribu tan metrik setahun. Walaupun pengeluarannya merosot pada 2009, tetapi menunjukkan peningkatan pada tahun berikutnya dengan mencatatkan rekod tertinggi pada 2012 iaitu 607.6 ribu tan metrik. Jumlah import dan eksport menunjukkan trend meningkat pada 2008 hingga 2011. Penurunan eksport amat ketara pada 2012 dengan 18.5 ribu tan metrik berbanding tahun sebelumnya 55.6 ribu tan metrik.

1.2 Pengeluaran nanas menunjukkan penurunan setiap tahun (2008 sehingga 2012). Namun, nanas mencatatkan purata pengeluaran kedua tertinggi sebanyak 330.6 ribu tan metrik, diikuti durian (307.9 ribu tan metrik), pisang (289.2 ribu tan metrik) dan tembikai (217.8 ribu tan metrik).

1.3 Pengeluaran jagung manis telah meningkat dengan ketara daripada 59.8 ribu tan metrik pada 2011 kepada 83.6 ribu tan metrik pada 2012. Eksport jagung manis turut meningkat kepada 3.9 ribu tan metrik pada 2012 berbanding 3.3 ribu tan metrik pada 2011.

1.4 Sawi dan tomato masing-masing mencatatkan pengeluaran yang tinggi

SUMMARY OF FINDINGS

1. Selected crops

1.1 Coconut recorded the highest production as compared to other selected crops with an average of 511.0 thousand tonnes per annum. Despite the decline in 2009, the production of coconut showed increases in the following years with the highest record of 607.6 thousand tonnes in 2012. The total imports and exports showed an upward trend in 2008 to 2011. The decline in exports was significant in 2012 at 18.5 thousand tonnes as compared to the previous year of 55.6 thousand tonnes.

1.2 The production of pineapple showed a decrease every year (2008 to 2012). However, pineapple registered the second highest average production of 330.6 thousand tonnes, followed by durian (307.9 thousand tonnes), banana (289.2 thousand tonnes) and watermelon (217.8 thousand tonnes).

1.3 Production of sweet corn has increased significantly from 59.8 thousand tonnes in 2011 to 83.6 thousand tonnes in 2012. The exports of sweet corn also rose to 3.9 thousand tonnes in 2012 as compared to 3.3 thousand tonnes in 2011.

1.4 Mustard and tomato recorded a high production of 169.3 thousand tonnes

iaitu 169.3 ribu tan metrik dan 129.6 ribu tan metrik pada 2012 berbanding sayur-sayuran terpilih lain di antara 27.7 hingga 94.9 ribu tan metrik. Sawi juga mencatatkan purata pengeluaran tertinggi berbanding sayur-sayuran terpilih lain iaitu 124.6 ribu tan metrik bagi 2008 hingga 2012.

Pengeluaran kubis bulat pula telah mengalami penurunan sebanyak 47.1 peratus iaitu daripada 179.3 ribu tan metrik pada 2011 kepada 94.9 ribu tan metrik pada 2012. Penurunan ini telah mempengaruhi jumlah import kubis bulat pada 2012 (52.8 ribu tan metrik) berbanding 38.9 ribu tan metrik pada tahun sebelumnya.

2. Ternakan terpilih

2.1 Bagi tahun 2008 hingga 2012, pengeluaran bagi semua ternakan terpilih meningkat kecuali daging babi yang menunjukkan penurunan pada 2011.

2.2 Purata pengeluaran daging ayam/itik adalah yang tertinggi iaitu 1,273.8 ribu tan metrik bagi tempoh lima tahun, diikuti telur ayam/itik (586.5 ribu tan metrik).

2.3 Pada tahun 2012, pengeluaran telur ayam/itik telah meningkat kepada 642.6 ribu tan metrik berbanding 621.5 ribu tan metrik pada 2011. Eksport telur ayam/itik turut meningkat kepada 96.7 ribu tan metrik pada 2012 berbanding

and 129.6 thousand tonnes in 2012 as compared to other selected vegetables in the range of 27.7 to 94.9 thousand tonnes. Mustard also recorded the highest average production compared to other selected vegetables that is 124.6 thousand tonnes for 2008 to 2012.

The production of round cabbage decreased by 47.1 per cent i.e. from 179.3 thousand tonnes in 2011 to 94.9 thousand tonnes in 2012. The decline has affected the total imports of round cabbage in 2012 (52.8 thousand tonnes) as compared to 38.9 thousand tonnes in the previous year.

2. Selected livestock

2.1 *For 2008 to 2012, the production of all the selected livestock increased except pork that showed a decline in 2011.*

2.2 *Average production of poultry meat is the highest that is 1,273.8 thousand tonnes for the five-year period, followed by chicken duck/egg (586.5 thousand tonnes).*

2.3 *In 2012, production of chicken/duck egg has increased to 642.6 thousand tonnes compared to 621.5 thousand tonnes in 2011. The exports of chicken/duck egg also increased to 96.7 thousand tonnes in 2012*

tahun sebelumnya (81.9 ribu tan metrik).

compared to the previous year (81.9 thousand tonnes).

3. Perikanan terpilih

3. Selected fisheries

3.1 Mackerel mencatatkan purata pengeluaran yang tertinggi iaitu 207.5 ribu tan metrik, diikuti udang (170.6 ribu tan metrik) bagi 2008 hingga 2012. Perikanan terpilih lain merekodkan purata pengeluaran di antara 12.4 hingga 80.1 ribu tan metrik.

3.1 Mackerel recorded the highest average production of 207.5 thousand tonnes, followed by shrimp (170.6 thousand tonnes) for 2008 to 2012. Other selected fisheries recorded average production in the range of 12.4 to 80.1 thousand tonnes.

3.2 Purata eksport tertinggi ialah udang sebanyak 65.8 ribu tan metrik manakala mackerel pula merekodkan purata import tertinggi iaitu 39.3 ribu tan metrik.

3.2 The highest average exports is shrimp amounted 65.8 thousand tonnes while mackerel recorded the highest average imports of 39.3 thousand tonnes.

4. Indikator pertanian terpilih

4. Selected agricultural indicators

4.1 Kadar sara diri (SSR)

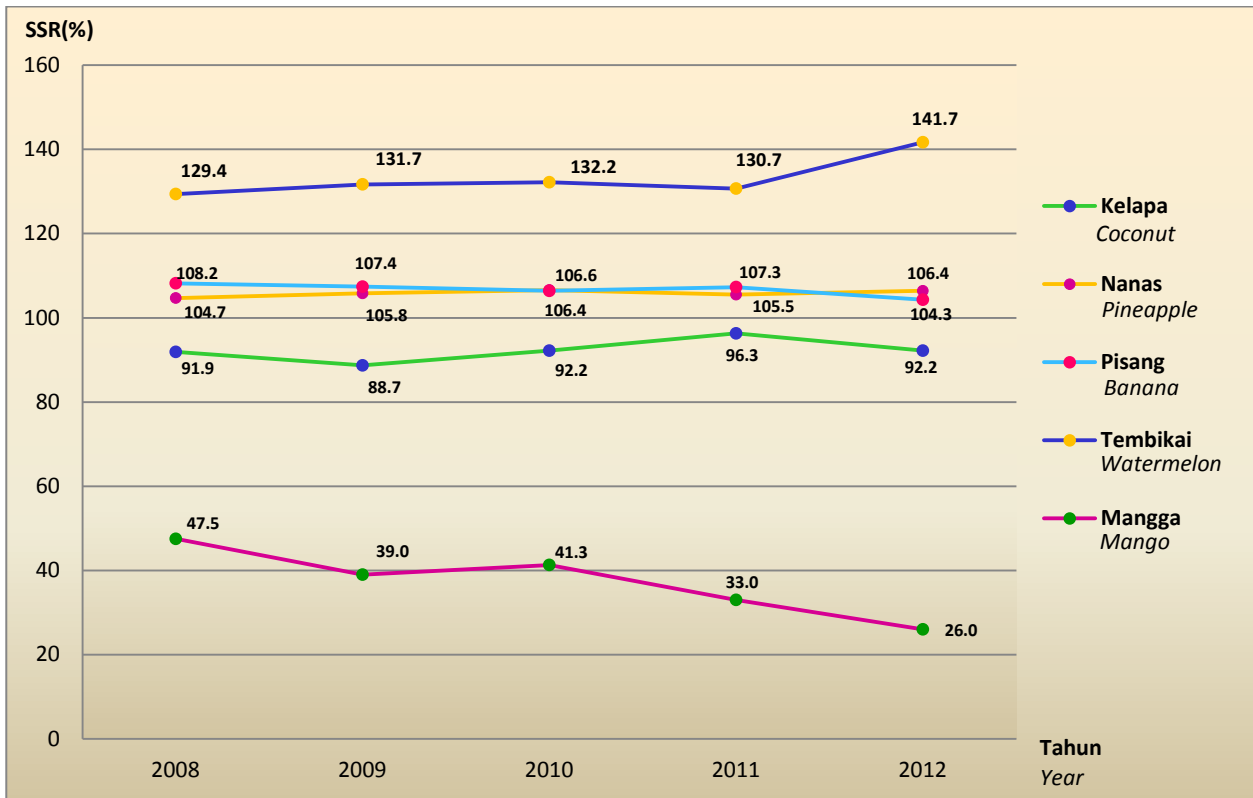
4.1 Self-sufficiency ratio (SSR)

4.1.1 Sepanjang 2008 hingga 2012, SSR bagi nanas, pisang, tembikai, durian, dan cempedak/hangka kekal melebihi 100 peratus. Tembikai turut merekodkan SSR tertinggi dengan 141.7 peratus manakala mangga mencatatkan SSR terendah iaitu 26.0 peratus pada 2012. **(Carta 1)**

*4.1.1 Throughout 2008 to 2012, SSR for pineapple, banana, watermelon, durian and jackfruit remained above 100 per cent. Watermelon recorded the highest SSR of 141.7 per cent while mango registered the lowest SSR that is 26.0 per cent in 2012. **(Chart 1)***

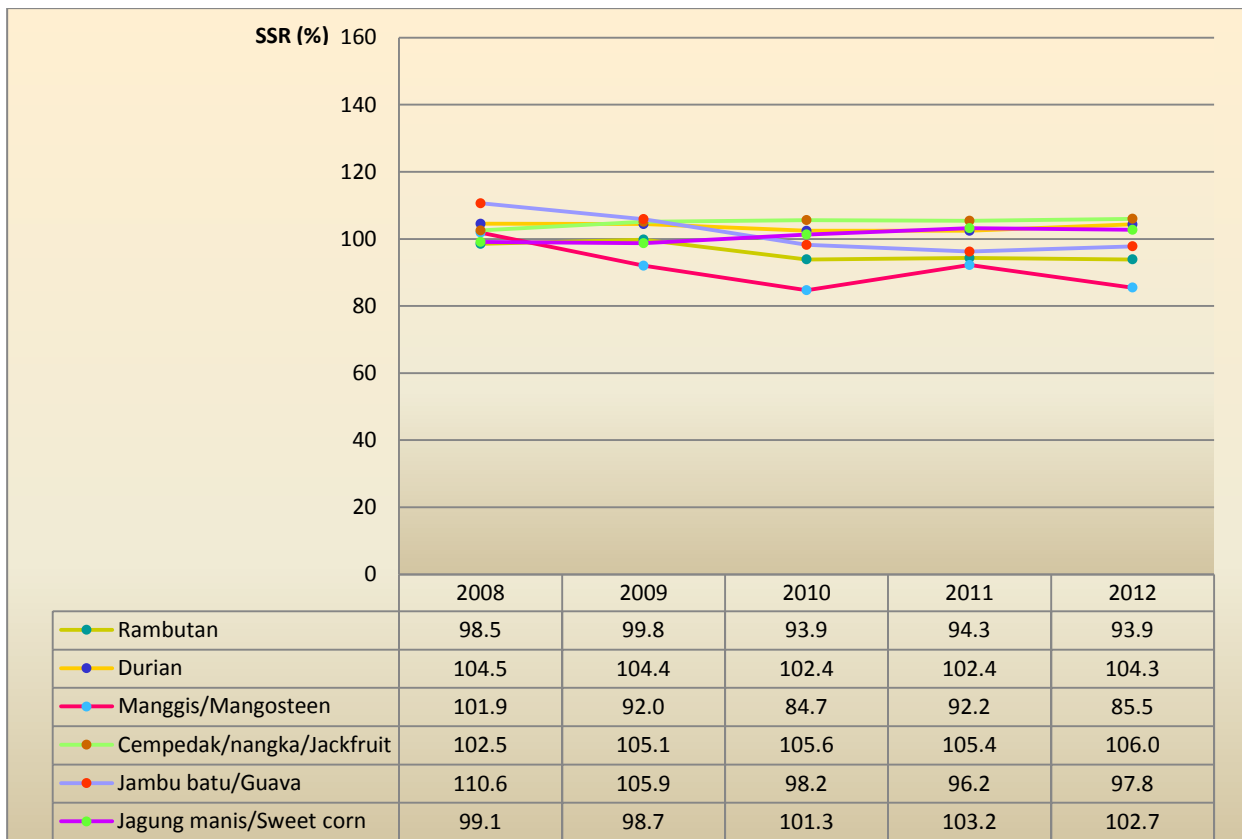
Carta 1: Kadar sara diri bagi buah-buahan terpilih, Malaysia, 2008-2012

Chart 1: Self-sufficiency ratio for selected fruits, Malaysia, 2008-2012



Carta 1: Kadar sara diri bagi buah-buahan terpilih, Malaysia, 2008-2012 (samb.)

Chart 1: Self-sufficiency ratio for selected fruits, Malaysia, 2008-2012 (cont'd.)

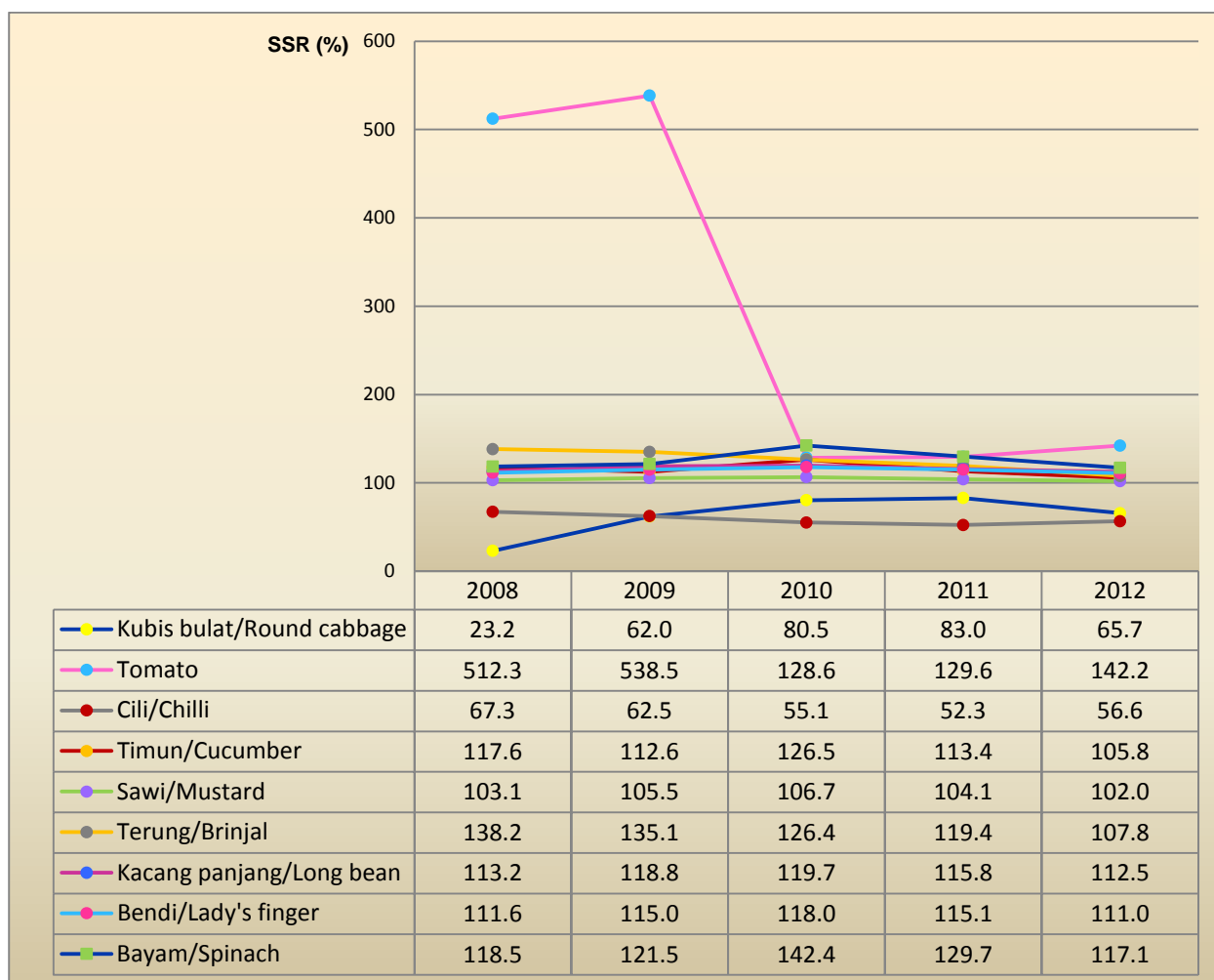


4.1.2 Tomato, timun, sawi, terung, kacang panjang, bendi dan bayam merekodkan SSR melebihi 100 peratus sepanjang tempoh rujukan kecuali kubis bulat dan cili. SSR bagi bayam telah menurun daripada 129.7 peratus pada 2011 kepada 117.1 peratus pada 2012. Tomato merekodkan SSR tertinggi dengan 142.2 peratus dan cili mencatatkan SSR terendah iaitu 56.6 peratus. **(Carta 2)**

4.1.2 *Tomato, cucumber, mustard, brinjal, long bean, lady's finger and spinach recorded the SSR above 100 per cent over the reference period except round cabbage and chilli. SSR for spinach has decreased from 129.7 per cent in 2011 to 117.1 per cent in 2012. Tomato recorded the highest SSR of 142.2 per cent and chilli registered the lowest SSR that is 56.6 per cent. (Chart 2)*

Carta 2: Kadar sara diri bagi sayur-sayuran terpilih, Malaysia, 2008-2012

Chart 2: Self-sufficiency ratio for selected vegetables, Malaysia, 2008-2012

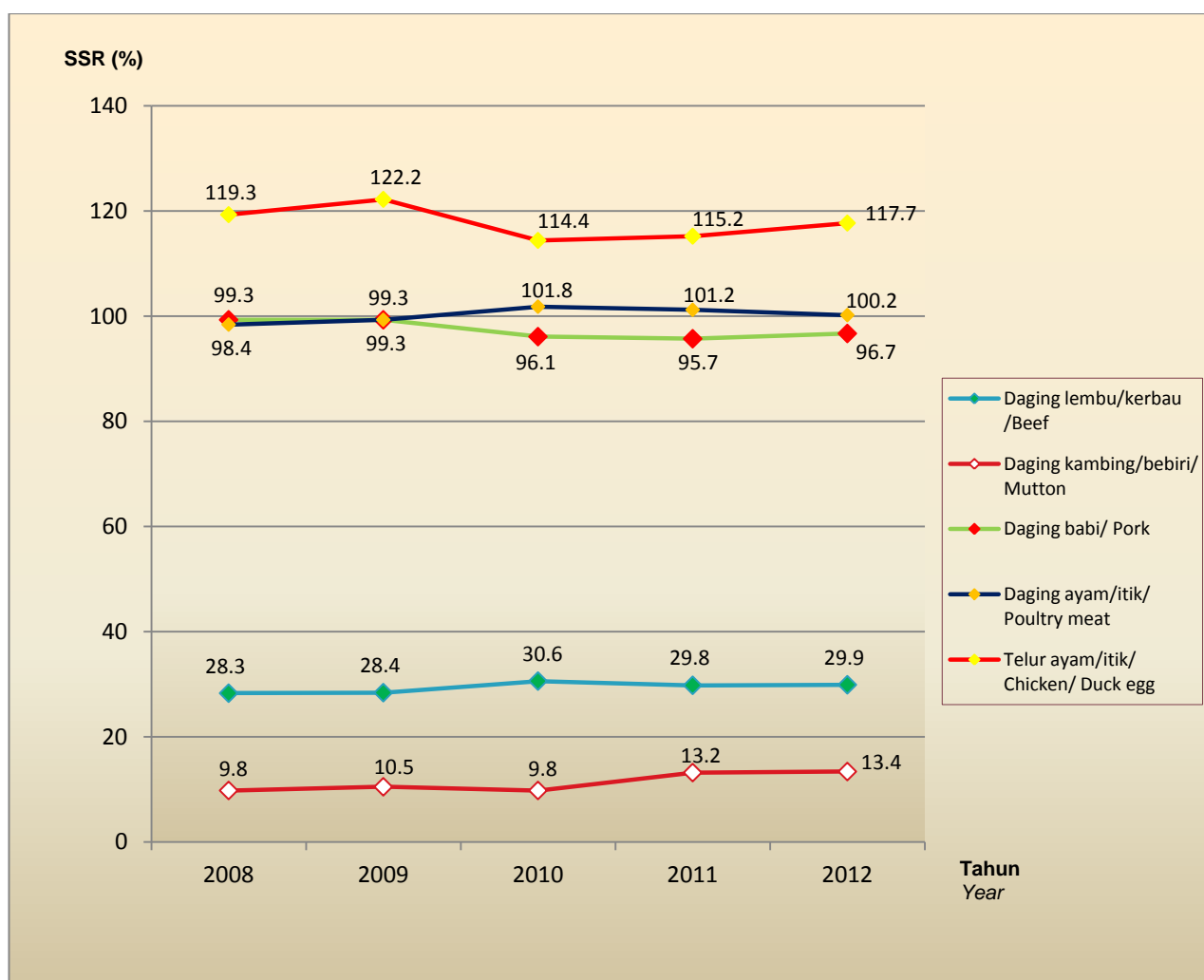


4.1.3 Bagi tahun 2008 hingga 2010, SSR bagi daging ayam/itik menunjukkan peningkatan tetapi telah menurun mulai 2011. Telur ayam/itik merekodkan SSR tertinggi pada 2012 iaitu 117.7 peratus dan daging kambing/bebiri pula mencatatkan SSR paling rendah iaitu 13.4 peratus. **(Carta 3)**

4.1.3 For 2008 to 2010, SSR for poultry meat showed an increase, but has decreased since 2011. Chicken/duck egg recorded the highest SSR in 2012 that is 117.7 per cent and mutton recorded the lowest SSR at 13.4 per cent. **(Chart 3)**

Carta 3: Kadar sara diri bagi hasilan ternakan terpilih, Malaysia, 2008-2012

Chart 3: Self-sufficiency ratio for livestock products, Malaysia, 2008-2012

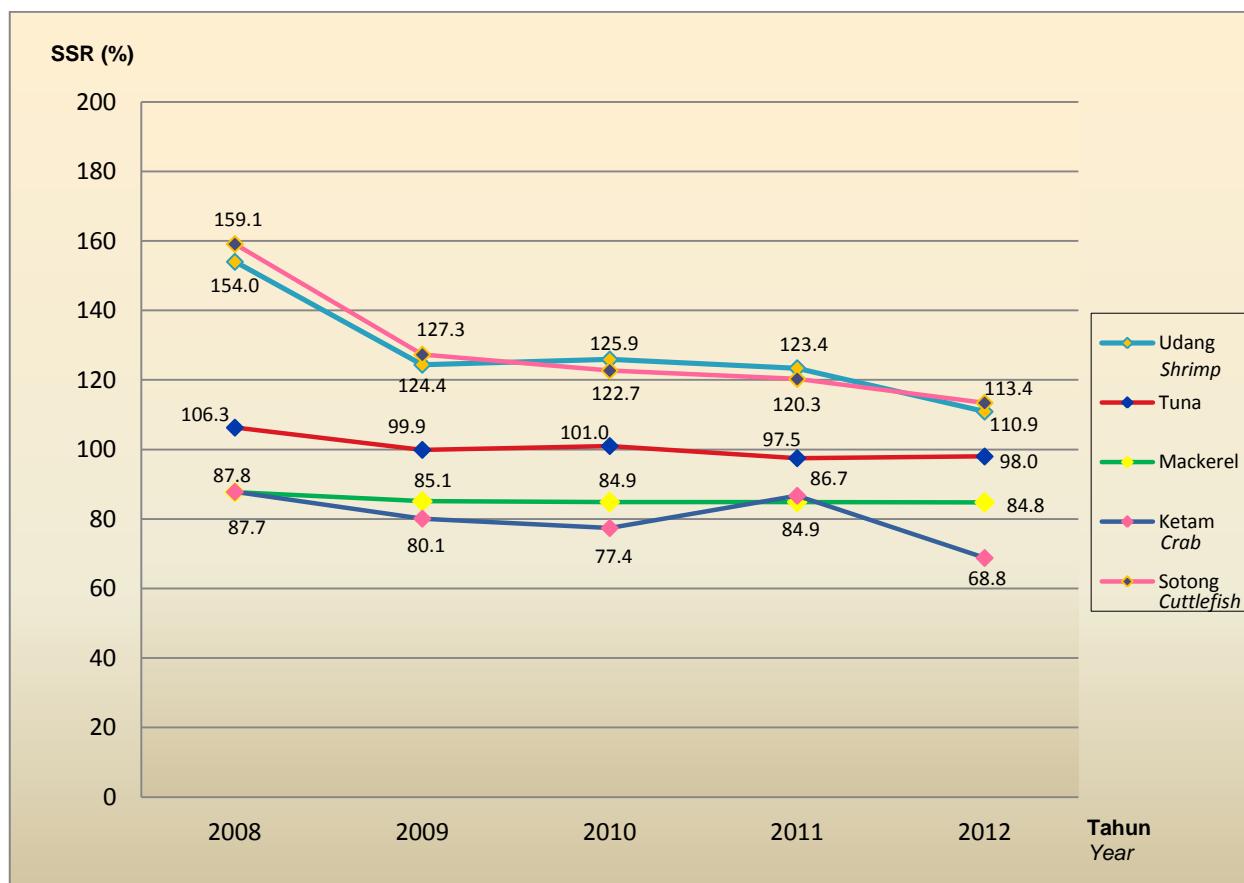


4.1.4 Sotong dan udang merekodkan SSR melebihi 100 peratus sepanjang 2008 hingga 2012. Purata SSR bagi sotong ialah 126.7 peratus dan udang 125.2 peratus. Di samping itu, sotong mencatatkan SSR tertinggi (113.4%) pada 2012 berbanding perikanan terpilih lain manakala ketam merekodkan SSR terendah iaitu 68.8 peratus. (Carta 4)

4.1.4 Cuttlefish and shrimp recorded SSR above 100 per cent over the year 2008 to 2012. The average SSR for cuttlefish is 126.7 per cent and shrimp 125.2 per cent. In addition, cuttlefish recorded the highest SSR (113.4%) in 2012 as compared to other selected fisheries, while crab recorded the lowest SSR of 68.8 per cent. (Chart 4)

Carta 4: Kadar sara diri bagi perikanan terpilih, Malaysia, 2008-2012

Chart 4: Self-sufficiency ratio for selected fisheries, Malaysia, 2008-2012



4.2 Kadar kebergantungan import (IDR)

- 4.2.1 Pada tahun 2008 hingga 2012, mangga mencatatkan purata IDR tertinggi berbanding buah-buahan lain dengan 66.9 peratus. Nanas, pisang dan cempedak/nangka mencatatkan purata IDR yang rendah iaitu di bawah 1.0 peratus.
- 4.2.2 Cili, kubis bulat dan timun masing-masing menunjukkan pergantungan yang tinggi terhadap import dengan purata IDR iaitu 50.3 peratus, 30.0 peratus dan 21.0 peratus. Bendi merekodkan purata IDR terendah dengan 0.2 peratus. Pada 2012, IDR tomato telah meningkat sekali ganda menjadi 3.1 peratus berbanding 1.5 peratus pada 2011.
- 4.2.3 Purata IDR bagi daging lembu/kerbau bagi 2008 hingga 2012 ialah 72.5 peratus. Ini bermakna, Malaysia masih bergantung kepada import daging lembu/kerbau bagi memenuhi keperluan negara. Sementara itu, IDR daging babi, daging ayam/itik dan telur ayam/itik kekal rendah terutama telur ayam/itik dengan purata IDR kurang daripada 0.05 peratus.
- 4.2.4 Import ketam pada 2012 telah meningkat hampir dua kali ganda berbanding 2011. Peningkatan ini telah melonjakkan IDR daripada 19.3 peratus kepada 36.2 peratus. Sepanjang 2008 hingga 2012 IDR ketam mencatatkan purata tertinggi (27.9%) berbanding perikanan terpilih

4.2 Import dependency ratio (IDR)

- 4.2.1 In 2008 to 2012, mango recorded the highest average of IDR compared to other fruits with 66.9 per cent. Pineapple, banana and jackfruit recorded a low average of IDR that is below 1.0 per cent.
- 4.2.2 Chilli, round cabbage and cucumber showed high dependency on imports with average IDR of 50.3 per cent, 30.0 per cent and 21.0 per cent respectively. Lady's finger recorded the lowest average IDR with 0.2 per cent. In 2012, IDR for tomato increased doubled to become 3.1 per cent as compared to 1.5 per cent in 2011.
- 4.2.3 Average IDR of beef for 2008 to 2012 was at 72.5 per cent. It indicates Malaysia still relies on imports of beef to fulfill the country's needs. Meanwhile, the IDR for pork, poultry meat and chicken/duck egg remained low especially chicken/duck egg with an average of IDR less than 0.05 per cent.
- 4.2.4 The imports of crab in 2012 have increased almost twofold as compared to 2011. This growth has raised the IDR from 19.3 per cent to 36.2 per cent. Throughout 2008 to 2012, crab recorded the highest average IDR (27.9%) as compared to other

lain. Tuna merekodkan purata IDR terendah iaitu 5.1 peratus. **(Jadual B)**

selected fisheries. Tuna recorded the lowest average IDR at 5.1 per cent. (Table B)

4.3 Penggunaan per kapita (PCC)

4.3 Per capita consumption (PCC)

4.3.1 Bagi tahun 2008 hingga 2012, PCC kelapa adalah tertinggi di antara semua tanaman terpilih lain dengan purata 16.1 kilogram setahun (bagi setiap penduduk).

4.3.1 For 2008 to 2012, PCC for coconut was the highest among the selected crops with an average of 16.1 kilogrammes per year (for every population).

4.3.2 Durian mencatatkan PCC di antara 9.2 hingga 11.8 kilogram setahun manakala jambu batu merekodkan PCC di antara 0.6 hingga 1.1 kilogram setahun pada 2008 hingga 2012.

4.3.2 Durian recorded PCC ranging from 9.2 to 11.8 kilogrammes per year while guava recorded PCC in the range of 0.6 to 1.1 kilogrammes per year in 2008 to 2012.

4.3.3 Bagi sayur-sayuran terpilih, hanya terung menunjukkan peningkatan PCC di sepanjang 2008 hingga 2012, namun purata PCC terung adalah antara yang terendah iaitu 0.9 kilogram setahun. Pada 2012, sawi merekodkan PCC tertinggi iaitu 5.5 kilogram, diikuti kubis bulat (4.6 kilogram). Sayur-sayuran terpilih lain pula mencatatkan PCC di antara 0.8 hingga 2.9 kilogram setahun.

4.3.3 For the selected vegetables, brinjal showed an increase in the PCC throughout 2008 to 2012, however it recorded among the lowest average PCC of 0.9 kilogrammes per year. In 2012, mustard recorded the highest PCC that is 5.5 kilogrammes, followed by round cabbage (4.6 kilogrammes). Other selected vegetables registered the PCC in the range of 0.8 to 2.9 kilogrammes per year.

4.3.4 Bagi ternakan terpilih, daging ayam/itik menunjukkan trend meningkat sepanjang tempoh lima tahun dengan PCC tertinggi 43.2 kilogram pada 2012. Daging kambing/bebiri mencatatkan PCC terendah iaitu 0.8 kilogram setahun.

4.3.4 For selected livestock, poultry meat showed an upward trend over the five year period with the highest PCC of 43.2 kilogrammes in 2012. Mutton registered the lowest PCC that is 0.8 kilogrammes per year.

4.3.5 Bagi perikanan terpilih, mackerel kekal merekodkan PCC tertinggi dengan 8.3 kilogram setahun, manakala ketam mencatatkan PCC terendah iaitu 0.5 kilogram setahun. **(Jadual C)**

*4.3.5 For selected fisheries, mackerel continued to record the highest PCC with 8.3 kilogrammes per year, while crab recorded the lowest PCC of 0.5 kilogrammes per year. **(Table C)***

JADUAL RINGKASAN SIRI MASA
TIME SERIES SUMMARY TABLES

Jadual A: Kadar sara diri bagi tanaman, ternakan dan perikanan terpilih, Malaysia, 2008-2012

Table A: Self-sufficiency ratio of selected crops, livestock and fisheries, Malaysia, 2008-2012

Tanaman, ternakan dan perikanan terpilih <i>Selected crops, livestock and fisheries</i>	2008	2009	2010	2011	2012	Purata Average
Tanaman						
<i>Crops</i>						
Kelapa <i>Cocounut</i>	91.9	88.7	92.2	96.3	92.2	92.5
Nanas <i>Pineapple</i>	104.7	105.8	106.6	105.5	106.4	105.7
Pisang <i>Banana</i>	108.2	107.4	106.4	107.3	104.3	106.7
Tembikai <i>Watermelon</i>	129.4	131.7	132.2	130.7	141.7	132.6
Mangga <i>Mango</i>	47.5	39.0	41.3	33.0	26.0	36.5
Rambutan	98.5	99.8	93.9	94.3	93.9	96.2
Durian	104.5	104.4	102.4	102.4	104.3	103.5
Manggis <i>Mangosteen</i>	101.9	92.0	84.7	92.2	85.5	91.1
Cempedak/nangka <i>Jackfruit</i>	102.5	105.1	105.6	105.4	106.0	104.7
Jambu batu <i>Guava</i>	110.6	105.9	98.2	96.2	97.8	100.6
Jagung manis <i>Sweet corn</i>	99.1	98.7	101.3	103.2	102.7	101.5
Kubis bulat <i>Round cabbage</i>	23.2	62.0	80.5	83.0	65.7	71.7
Tomato	512.3	538.5	128.6	129.6	142.2	146.5
Cili <i>Chilli</i>	67.3	62.5	55.1	52.3	56.6	58.5
Timun <i>Cucumber</i>	117.6	112.6	126.5	113.4	105.8	113.7
Sawi <i>Mustard</i>	103.1	105.5	106.7	104.1	102.0	104.0
Terung <i>Brinjal</i>	138.2	135.1	126.4	119.4	107.8	122.4
Kacang panjang <i>Long bean</i>	113.2	118.8	119.7	115.8	112.5	115.8
Bendi <i>Lady's finger</i>	111.6	115.0	118.0	115.1	111.0	114.2
Bayam <i>Spinach</i>	118.5	121.5	142.4	129.7	117.1	124.5
Ternakan						
<i>Livestock</i>						
Daging lembu/kerbau <i>Beef</i>	28.3	28.4	30.6	29.8	29.9	29.5
Daging kambing/bebiri <i>Mutton</i>	9.8	10.5	9.8	13.2	13.4	11.3
Daging babi <i>Pork</i>	99.3	99.3	96.1	95.7	96.7	97.3
Daging ayam/itik <i>Poultry meat</i>	98.4	99.3	101.8	101.2	100.2	100.2
Telur ayam/itik <i>Chicken/duck egg</i>	119.3	122.2	114.4	115.2	117.7	117.6
Perikanan						
<i>Fisheries</i>						
Udang <i>Shrimp</i>	154.0	124.4	125.9	123.4	110.9	125.2
Tuna	106.3	99.9	101.0	97.5	98.0	100.4
Mackerel	87.7	85.1	84.9	84.9	84.8	85.4
Ketam <i>Crab</i>	87.8	80.1	77.4	86.7	68.8	79.6
Sotong <i>Cuttlefish</i>	159.1	127.3	122.7	120.3	113.4	126.7

Jadual B: Kadar kebergantungan import bagi tanaman, ternakan dan perikanan terpilih, Malaysia, 2008-2012

Table B: Import dependency ratio of selected crops, livestock and fisheries, Malaysia, 2008-2012

Tanaman, ternakan dan perikanan terpilih <i>Selected crops, livestock and fisheries</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>
Tanaman						
<i>Crops</i>						
Kelapa <i>Cocounut</i>	8.8	12.3	9.8	13.2	10.6	10.9
Nanas <i>Pineapple</i>	0.3	0.2	0.4	0.7	1.0	0.5
Pisang <i>Banana</i>	0.2	0.2	0.5	0.7	3.2	0.9
Tembikai <i>Watermelon</i>	1.3	1.1	2.0	2.3	3.1	1.9
Mangga <i>Mango</i>	56.8	65.3	61.8	69.7	76.8	66.9
Rambutan	3.3	2.8	7.8	7.4	8.1	5.8
Durian	2.8	2.6	2.9	3.1	3.3	3.0
Manggis <i>Mangosteen</i>	5.0	17.2	19.4	17.1	22.4	16.1
Cempedak/nangka <i>Jackfruit</i>	0.0	0.0	0.2	0.0	0.1	0.1
Jambu batu <i>Guava</i>	1.3	2.0	7.8	10.2	5.9	5.9
Jagung manis <i>Sweet corn</i>	5.5	8.9	5.0	2.5	2.1	4.1
Kubis bulat <i>Round cabbage</i>	79.8	39.4	21.3	18.0	36.5	30.0
Tomato	64.7	48.7	1.6	1.5	3.1	3.9
Cili <i>Chilli</i>	41.9	46.3	56.1	58.0	49.0	50.3
Timun <i>Cucumber</i>	31.4	21.7	25.9	21.4	12.0	21.0
Sawi <i>Mustard</i>	1.3	2.3	1.8	1.9	1.3	1.7
Terung <i>Brinjal</i>	6.0	7.0	4.9	5.5	9.4	6.7
Kacang panjang <i>Long bean</i>	0.4	0.4	0.8	1.5	1.4	0.9
Bendi <i>Lady's finger</i>	0.2	0.2	0.2	0.2	0.2	0.2
Bayam <i>Spinach</i>	2.5	1.2	1.5	1.4	1.4	1.6
Ternakan						
<i>Livestock</i>						
Daging lembu/kerbau <i>Beef</i>	73.4	73.1	71.8	72.4	72.1	72.5
Daging kambing/bebiri <i>Mutton</i>	90.4	89.5	90.6	87.2	86.9	88.9
Daging babi <i>Pork</i>	1.2	1.9	4.2	4.5	3.5	3.2
Daging ayam/itik <i>Poultry meat</i>	2.8	2.7	3.1	3.2	3.4	3.0
Telur ayam/itik <i>Chicken/duck egg</i>	0.1	0.1	0.0	0.0	0.0	0.0
Perikanan						
<i>Fisheries</i>						
Udang <i>Shrimp</i>	20.2	20.5	21.1	27.4	25.0	23.1
Tuna	6.9	4.7	4.7	4.6	4.5	5.1
Mackerel	13.3	15.6	16.4	17.3	18.1	16.2
Ketam <i>Crab</i>	23.7	27.7	30.2	19.3	36.2	27.9
Sotong <i>Cuttlefish</i>	20.2	22.1	24.0	24.1	18.6	21.7

Jadual C: Penggunaan per kapita bagi tanaman, ternakan dan perikanan terpilih, Malaysia, 2008-2012

Table C: Per capita consumption of selected crops, livestock and fisheries, Malaysia, 2008-2012 (Kg)

Tanaman, ternakan dan perikanan terpilih <i>Selected crops, livestock and fisheries</i>	2008	2009	2010	2011	2012	Purata Average
Tanaman <i>Crops</i>						
Kelapa <i>Cocounut</i>	13.7	11.0	18.4	17.7	19.7	16.1
Nanas <i>Pineapple</i>	10.3	9.2	8.3	7.7	6.6	8.4
Pisang <i>Banana</i>	8.7	8.6	10.2	9.2	7.7	8.9
Tembikai <i>Watermelon</i>	5.8	6.1	5.9	5.5	3.9	5.4
Mangga <i>Mango</i>	1.7	1.8	1.8	2.0	2.2	1.9
Rambutan	2.6	2.3	2.4	2.1	2.1	2.3
Durian	9.4	9.2	9.9	11.8	10.2	10.1
Manggis <i>Mangosteen</i>	0.9	0.9	1.0	0.8	0.7	1.0
Cempedak/hangka <i>Jackfruit</i>	2.6	1.9	1.7	1.7	1.8	2.0
Jambu batu <i>Guava</i>	0.6	0.7	0.8	0.8	1.1	0.8
Jagung manis <i>Sweet corn</i>	1.2	1.3	1.6	1.9	2.7	1.7
Kubis bulat <i>Round cabbage</i>	1.6	3.3	5.9	7.0	4.6	4.5
Tomato	0.0	0.1	3.2	3.2	2.7	1.8
Cili <i>Chilli</i>	1.4	1.3	1.1	1.1	1.4	1.3
Timun <i>Cucumber</i>	1.6	2.4	1.6	2.0	2.9	2.1
Sawi <i>Mustard</i>	4.0	2.8	3.9	4.1	5.5	4.1
Terung <i>Brinjal</i>	0.5	0.7	0.9	1.0	1.1	0.9
Kacang panjang <i>Long bean</i>	1.2	1.1	1.1	1.2	1.3	1.2
Bendi <i>Lady's finger</i>	0.5	0.7	0.7	0.8	0.8	0.7
Bayam <i>Spinach</i>	1.3	1.5	1.0	1.2	1.5	1.3
Ternakan <i>Livestock</i>						
Daging lembu/kerbau <i>Beef</i>	4.8	5.1	4.9	5.2	5.3	5.0
Daging kambing/bebiri <i>Mutton</i>	0.7	0.7	0.9	0.7	0.8	0.8
Daging babi* <i>Pork</i>	17.6	18.3	21.0	20.5	20.2	19.5
Daging ayam/itik <i>Poultry meat</i>	39.9	40.1	41.4	42.2	43.2	41.3
Telur ayam/itik <i>Chicken/duck egg</i>	14.2	14.8	16.7	17.2	17.1	16.0
Perikanan <i>Fisheries</i>						
Udang <i>Shrimp</i>	2.5	3.8	4.7	4.1	4.6	3.9
Tuna	2.3	2.3	2.4	2.4	2.3	2.3
Mackerel	7.9	8.5	8.6	8.3	8.3	8.3
Ketam <i>Crab</i>	0.4	0.5	0.5	0.4	0.5	0.5
Sotong <i>Cuttlefish</i>	1.8	2.3	2.1	2.2	2.6	2.2

* Berdasarkan 40 peratus penduduk bukan Islam
Based on 40 per cent non-muslim population

**JADUAL UTAMA/
*MAIN TABLES***

TANAMAN/*CROPS*

Jadual 1: Akaun pembekalan dan penggunaan bagi kelapa, Malaysia, 2008-2012

Table 1: Supply and utilization accounts for coconut, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	498,823.6	431,991.9	608,850.7	639,768.1	677,589.9	571,404.8	-13.4	40.9	5.1	5.9	9.6
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	455,408.0	379,251.0	550,140.0	562,556.0	607,572.0	510,985.4	-16.7	45.1	2.3	8.0	9.6
Import <i>Imports</i>	43,415.6	52,740.9	58,710.7	77,212.1	70,017.9	60,419.4	21.5	11.3	31.5	-9.3	13.7
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	3,512.1	4,330.0	12,263.3	55,588.0	18,497.9	18,838.3	23.3	183.2	353.3	-66.7	123.3
Benih <i>Seed</i>	227.7	189.6	275.1	281.3	303.8	255.5	-16.7	45.1	2.3	8.0	9.6
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	12,382.8	10,691.5	14,914.7	14,604.5	16,477.3	13,814.2	-13.7	39.5	-2.1	12.8	9.1
Prosesan <i>Processing</i>	105,351.1	106,716.9	54,702.6	53,565.0 ^e	60,433.9 ^e	76,153.9	1.3	-48.7	-2.1	12.8	-9.2
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	377,349.9	310,063.8	526,695.0	515,729.3	581,877.1	462,343.0	-17.8	69.9	-2.1	12.8	15.7
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	13.7	11.0	18.4	17.7	19.7	16.1	-19.3	66.9	-3.7	11.1	13.7
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	91.9	88.7	92.2	96.3	92.2	92.5					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	8.8	12.3	9.8	13.2	10.6	10.9					

Jadual 2: Akaun pembekalan dan penggunaan bagi nanas, Malaysia, 2008-2012

Table 2: Supply and utilization accounts for pineapple, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	385,925.1	358,424.4	332,468.7	311,325.0	272,691.3	332,166.9	-7.1	-7.2	-6.4	-12.4	-8.3
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	384,673.0	357,654.0	331,081.0	309,331.0	270,236.0	330,595.0	-7.0	-7.4	-6.6	-12.6	-8.4
Import <i>Imports</i>	1,252.1	770.4	1,387.7	1,994.0	2,455.3	1,571.9	-38.5	80.1	43.7	23.1	27.1
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	18,521.6	20,278.6	21,904.2	18,159.7	18,634.4	19,499.7	9.5	8.0	-17.1	2.6	0.8
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	18,370.2	16,907.3	15,528.2	14,658.3	12,702.8	15,633.4	-8.0	-8.2	-5.6	-13.3	-8.8
Kerugian <i>Waste</i>											
Prosesan <i>Processing</i>	65,358.8	63,515.8	58,335.1	55,066.9 ^e	47,721.0 ^e	57,999.5	-2.8	-8.2	-5.6	-13.3	-7.5
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	283,674.5	257,722.7	236,701.2	223,440.1	193,633.1	239,034.3	-9.1	-8.2	-5.6	-13.3	-9.1
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	10.3	9.2	8.3	7.7	6.6	8.4	-10.8	-9.8	-7.1	-14.7	-10.6
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	104.7	105.8	106.6	105.5	106.4	105.7					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	0.3	0.2	0.4	0.7	1.0	0.5					

Jadual 3: Akaun pembekalan dan penggunaan bagi pisang, Malaysia, 2008-2012

Table 3: Supply and utilization accounts for banana, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	272,958.7	280,340.8	334,171.3	308,367.1	262,852.0	291,738.0	2.7	19.2	-7.7	-14.8	-0.1
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	272,331.0	279,762.0	332,639.0	306,283.0	255,040.0	289,211.0	2.7	18.9	-7.9	-16.7	-0.8
Import <i>Imports</i>	627.7	578.8	1,532.3	2,084.1	7,812.0	2,527.0	-7.8	164.8	36.0	274.8	117.0
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	21,194.4	19,934.6	21,454.0	22,815.6	18,335.9	20,746.9	-5.9	7.6	6.3	-19.6	-2.9
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	11,832.9	12,239.1	14,697.7	13,420.9	11,492.3	12,736.6	3.4	20.1	-8.7	-14.4	0.1
Kerugian <i>Waste</i>											
Prosesan <i>Processing</i>	1,138.0	7,708.4	6,138.6	5,605.3 ^e	4,799.8 ^e	5,078.0	577.4	-20.4	-8.7	-14.4	133.5
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	238,793.3	240,458.7	291,881.0	266,525.3	228,224.0	253,176.5	0.7	21.4	-8.7	-14.4	-0.2
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	8.7	8.6	10.2	9.2	7.7	8.9	-1.1	19.2	-10.2	-15.7	-1.9
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	108.2	107.4	106.4	107.3	104.3	106.7					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	0.2	0.2	0.5	0.7	3.2	0.9					

Jadual 4: Akaun pembekalan dan penggunaan bagi tembikai, Malaysia, 2008-2012

Table 4: Supply and utilization accounts for watermelon, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	222,326.8	240,751.4	239,460.4	224,464.3	177,519.0	220,904.4	8.3	-0.5	-6.3	-20.9	-4.9
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	220,066.0	238,671.0	235,893.0	220,560.0	173,690.0	217,776.0	8.5	-1.2	-6.5	-21.3	-5.1
Import <i>Imports</i>	2,260.8	2,080.4	3,567.4	3,904.3	3,829.0	3,128.4	-8.0	71.5	9.4	-1.9	17.8
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	52,272.9	59,534.0	61,010.7	55,740.2	54,951.5	56,701.9	13.9	2.5	-8.6	-1.4	1.6
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	10,203.2	10,873.0	10,707.0	10,123.4	7,354.1	9,852.2	6.6	-1.5	-5.5	-27.4	-6.9
Kerugian <i>Waste</i>	-	-	-	-	-	-	-	-	-	-	-
Prosesan <i>Processing</i>	-	-	-	-	-	-	-	-	-	-	-
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	159,850.7	170,344.4	167,742.7	158,600.7	115,213.5	154,350.4	6.6	-1.5	-5.5	-27.4	-6.9
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	5.8	6.1	5.9	5.5	3.9	5.4	4.6	-3.3	-7.0	-28.5	-8.5
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	129.4	131.7	132.2	130.7	141.7	132.6					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	1.3	1.1	2.0	2.3	3.1	1.9					

Jadual 5: Akaun pembekalan dan penggunaan bagi mangga, Malaysia, 2008-2012

Table 5: Supply and utilization accounts for mango, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	51,771.9	56,969.0	56,447.8	65,398.1	71,638.7	60,445.1	10.0	-0.9	15.9	9.5	8.6
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	23,573.0	21,302.0	22,596.0	21,022.0	18,120.0	21,322.6	-9.6	6.1	-7.0	-13.8	-6.1
Import <i>Imports</i>	28,198.9	35,667.0	33,851.8	44,376.1	53,518.7	39,122.5	26.5	-5.1	31.1	20.6	18.3
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	2,128.2	2,370.1	1,712.0	1,704.9	1,967.2	1,976.5	11.4	-27.8	-0.4	15.4	-0.4
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	2,879.3	3,166.7	3,174.7	3,694.2	4,040.9	3,391.2	10.0	0.3	16.4	9.4	9.0
Kerugian <i>Waste</i>											
Prosesan <i>Processing</i>	511.4	562.5	509.2	592.6 ^e	648.2 ^e	564.8	10.0	-9.5	16.4	9.4	6.6
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	46,252.9	50,869.7	51,051.8	59,406.4	64,982.3	54,512.6	10.0	0.4	16.4	9.4	9.0
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	1.7	1.8	1.8	2.0	2.2	1.9	8.0	-1.4	14.5	7.7	7.2
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	47.5	39.0	41.3	33.0	26.0	36.5					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	56.8	65.3	61.8	69.7	76.8	66.9					

Jadual 6: Akaun pembekalan dan penggunaan bagi rambutan, Malaysia, 2008-2012

Table 6: Supply and utilization accounts for rambutan, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	78,997.0	73,222.8	76,046.6	68,289.6	68,485.6	73,008.3	-7.3	3.9	-10.2	0.3	-3.3
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	76,474.0	71,232.0	70,218.0	63,345.0	63,065.0	68,866.8	-6.9	-1.4	-9.8	-0.4	-4.6
Import <i>Imports</i>	2,523.0	1,990.8	5,828.6	4,944.6	5,420.6	4,141.5	-21.1	192.8	-15.2	9.6	41.5
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	1,394.7	1,814.1	1,293.2	1,107.6	1,316.0	1,385.1	30.1	-28.7	-14.4	18.8	1.5
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	2,328.1	2,142.3	2,242.6	2,015.5	2,015.1	2,148.7	-8.0	4.7	-10.1	0.0	-3.4
Prosesan <i>Processing</i>	3,880.1	3,570.4	3,737.7	3,359.1	3,358.5	3,581.2	-8.0	4.7	-10.1	0.0	-3.4
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	71,394.1	65,695.9	68,773.1	61,807.4	61,796.1	65,893.3	-8.0	4.7	-10.1	0.0	-3.4
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	2.6	2.3	2.4	2.1	2.1	2.3	-9.7	2.8	-11.6	-1.6	-5.0
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	98.5	99.8	93.9	94.3	93.9	96.2					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	3.3	2.8	7.8	7.4	8.1	5.8					

Jadual 7: Akaun pembekalan dan penggunaan bagi durian, Malaysia, 2008-2012

Table 7: Supply and utilization accounts for durian, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	285,182.9	284,948.1	306,125.5	374,281.6	333,081.5	316,723.9	-0.1	7.4	22.3	-11.0	4.7
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	277,767.0	278,076.0	297,696.0	363,421.0	322,754.0	307,942.8	0.1	7.1	22.1	-11.2	4.5
Import <i>Imports</i>	7,415.9	6,872.1	8,429.5	10,860.6	10,327.5	8,781.1	-7.3	22.7	28.8	-4.9	9.8
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	19,442.8	18,690.8	15,445.6	19,514.6	23,521.0	19,323.0	-3.9	-17.4	26.3	20.5	6.4
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	7,972.2	7,987.7	8,720.4	10,643.0	9,286.8	8,922.0	0.2	9.2	22.0	-12.7	4.7
Prosesan <i>Processing</i>	-	-	-	-	-	-	-	-	-	-	-
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	257,767.9	258,269.6	281,959.5	344,124.0	300,273.6	288,478.9	0.2	9.2	22.0	-12.7	4.7
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	9.4	9.2	9.9	11.8	10.2	10.1	-1.6	7.2	20.1	-14.1	2.9
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	104.5	104.4	102.4	102.4	104.3	103.5					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	2.8	2.6	2.9	3.1	3.3	3.0					

Jadual 8: Akaun pembekalan dan penggunaan bagi manggis, Malaysia, 2008-2012

Table 8: Supply and utilization accounts for mangosteen, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	28,591.5	28,353.5	33,190.4	25,547.6	24,524.7	28,041.5	-0.8	17.1	-23.0	-4.0	-2.7
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	27,258.0	23,893.0	27,005.0	21,555.0	19,440.0	23,830.2	-12.3	13.0	-20.2	-9.8	-7.3
Import <i>Imports</i>	1,333.5	4,460.5	6,185.4	3,992.6	5,084.7	4,211.3	234.5	38.7	-35.5	27.4	66.3
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	1,830.9	2,383.5	1,297.7	2,179.4	1,776.4	1,893.6	30.2	-45.6	67.9	-18.5	8.5
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	1,605.6	1,558.2	1,913.6	1,402.1	1,364.9	1,568.9	-3.0	22.8	-26.7	-2.7	-2.4
Kerugian <i>Waste</i>											
Prosesan <i>Processing</i>	-	-	-	-	-	-	-	-	-	-	-
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	25,155.0	24,411.8	29,979.1	21,966.1	21,383.4	24,579.1	-3.0	22.8	-26.7	-2.7	-2.4
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	0.9	0.9	1.0	0.8	0.7	1.0	-4.7	20.6	-27.9	-4.2	-4.0
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	101.9	92.0	84.7	92.2	85.5	91.1					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	5.0	17.2	19.4	17.1	22.4	16.1					

Jadual 9: Akaun pembekalan dan penggunaan bagi cempedak/nangka, Malaysia, 2008-2012

Table 9: Supply and utilization accounts for jackfruit, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	77,720.1	60,626.9	54,675.1	56,488.2	58,676.9	61,637.5	-22.0	-9.8	3.3	3.9	-6.2
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	77,693.0	60,610.0	54,577.0	56,484.0	58,596.0	61,592.0	-22.0	-10.0	3.5	3.7	-6.2
Import <i>Imports</i>	27.1	16.9	98.1	4.2	80.9	45.5	-37.4	479.1	-95.7	1,809.0	538.7
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	1,925.6	2,952.2	3,008.7	2,912.4	3,380.0	2,835.8	53.3	1.9	-3.2	16.1	17.0
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	4,547.7	3,460.5	3,100.0	3,214.5	3,317.8	3,528.1	-23.9	-10.4	3.7	3.2	-6.9
Kerugian <i>Waste</i>											
Prosesan <i>Processing</i>	-	-	-	-	-	-	-	-	-	-	-
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	71,246.8	54,214.2	48,566.4	50,361.3	51,979.1	55,273.6	-23.9	-10.4	3.7	3.2	-6.9
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	2.6	1.9	1.7	1.7	1.8	2.0	-25.3	-12.0	2.0	1.6	-8.4
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	102.5	105.1	105.6	105.4	106.0	104.7					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	0.0	0.0	0.2	0.0	0.1	0.1					

Jadual 10: Akaun pembekalan dan penggunaan bagi jambu batu, Malaysia, 2008-2012

Table 10: Supply and utilization accounts for guava, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	18,348.8	22,461.4	26,776.0	27,762.2	35,731.5	26,216.0	22.4	19.2	3.7	28.7	18.5
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	18,143.0	22,055.0	24,799.0	25,105.0	33,698.0	24,760.0	21.6	12.4	1.2	34.2	17.4
Import <i>Imports</i>	205.8	406.4	1,977.0	2,657.2	2,033.5	1,456.0	97.5	386.5	34.4	-23.5	123.7
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	1,945.3	1,637.3	1,528.0	1,657.2	1,262.9	1,606.1	-15.8	-6.7	8.5	-23.8	-9.5
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	-	-	-	-	-	-	-	-	-	-	-
Prosesan <i>Processing</i>	-	-	1,653.4	1,709.5 ^e	2,257.2 ^e	1,124.0	-	-	3.4	32.0	8.9
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	16,403.5	20,824.1	23,594.7	24,395.5	32,211.4	23,485.8	26.9	13.3	3.4	32.0	18.9
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	0.6	0.7	0.8	0.8	1.1	0.8	24.6	11.3	1.7	30.0	16.9
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	110.6	105.9	98.2	96.2	97.8	100.6					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	1.3	2.0	7.8	10.2	5.9	5.9					

Jadual 11: Akaun pembekalan dan penggunaan bagi jagung manis, Malaysia, 2008-2012

Table 11: Supply and utilization accounts for sweet corn, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	34,776.2	39,001.4	49,965.6	61,276.5	85,339.1	54,071.8	12.1	28.1	22.6	39.3	25.5
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	32,959.0	35,763.0	47,602.0	59,842.0	83,601.0	51,953.4	8.5	33.1	25.7	39.7	26.8
Import <i>Imports</i>	1,817.2	3,238.4	2,363.6	1,434.5	1,738.1	2,118.4	78.2	-27.0	-39.3	21.2	8.3
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	1,527.0	2,756.8	2,992.2	3,295.3	3,937.1	2,901.7	80.5	8.5	10.1	19.5	29.7
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	-	-	-	-	-	-	-	-	-	-	-
Prosesan <i>Processing</i>	223.1	600.0	1,573.4	1,942.1 ^e	2,726.7 ^e	1,413.1	169.0	162.2	23.4	40.4	98.8
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	33,026.1	35,644.5	45,400.0	56,039.1	78,675.4	49,757.0	7.9	27.4	23.4	40.4	24.8
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	1.2	1.3	1.6	1.9	2.7	1.7	6.0	25.1	21.4	38.2	22.7
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	99.1	98.7	101.3	103.2	102.7	101.5					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	5.5	8.9	5.0	2.5	2.1	4.1					

Jadual 12: Akaun pembekalan dan penggunaan bagi kubis bulat, Malaysia, 2008-2012

Table 12: Supply and utilization accounts for round cabbage, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	46,800.9	99,631.7	181,482.4	218,252.4	147,699.4	138,773.4	112.9	82.2	20.3	-32.3	45.7
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	10,534.0	60,894.0	143,562.0	179,323.0	94,886.0	97,839.8	478.1	135.8	24.9	-47.1	147.9
Import <i>Imports</i>	36,266.9	38,737.7	37,920.4	38,929.4	52,813.4	40,933.6	6.8	-2.1	2.7	35.7	10.8
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	1,345.9	1,426.2	3,108.6	2,214.7	3,192.4	2,257.6	6.0	118.0	-28.8	44.1	34.8
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	2,545.5	5,499.5	9,988.9	12,098.1	8,092.4	7,644.9	116.1	81.6	21.1	-33.1	46.4
Prosesan <i>Processing</i>	-	-	-	-	-	-	-	-	-	-	-
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	42,909.5	92,706.0	168,384.9	203,939.6	136,414.6	128,870.9	116.1	81.6	21.1	-33.1	46.4
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	1.6	3.3	5.9	7.0	4.6	4.5	112.1	78.4	19.1	-34.1	43.9
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	23.2	62.0	80.5	83.0	65.7	71.7					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	79.8	39.4	21.3	18.0	36.5	30.0					

Jadual 13: Akaun pembekalan dan penggunaan bagi tomato, Malaysia, 2008-2012

Table 13: Supply and utilization accounts for tomato, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	30,131.9	31,842.3	135,360.4	138,686.7	132,371.5	93,678.6	5.7	325.1	2.5	-4.6	82.2
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	26,752.0*	29,202.0*	133,670.0	137,128.0	129,572.0	91,264.8	9.2	357.7	2.6	-5.5	91.0
Import <i>Imports</i>	3,379.9	2,640.3	1,690.4	1,558.7	2,799.5	2,413.8	-21.9	-36.0	-7.8	79.6	3.5
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	24,909.6	26,419.9	31,413.0	32,914.9	41,268.4	31,385.2	6.1	18.9	4.8	25.4	13.8
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	365.6	379.6	7,276.3	7,404.0	6,377.2	4,360.5	3.8	1,817.0	1.8	-13.9	452.2
Kerugian <i>Waste</i>											
Prosesan <i>Processing</i>	3,835.6	3,258.3	6,587.6	6,703.2 ^e	5,773.6 ^e	5,231.7	-15.0	102.2	1.8	-13.9	18.8
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	1,021.2	1,784.5	90,083.4	91,664.6	78,952.3	52,701.2	74.8	4,948.0	1.8	-13.9	1,252.7
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	0.0	0.1	3.2	3.2	2.7	1.8	71.6	4,858.4	0.1	-15.2	1,228.7
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	512.3	538.5	128.6	129.6	142.2	146.5					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	64.7	48.7	1.6	1.5	3.1	3.9					

* Disahkan oleh Jabatan Pertanian Malaysia
Confirmed by Department of Agriculture Malaysia

Jadual 14: Akaun pembekalan dan penggunaan bagi cili, Malaysia, 2008-2012

Table 14: Supply and utilization accounts for chilli, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	57,659.7	63,230.3	62,220.7	62,526.7	77,406.4	64,608.8	9.7	-1.6	0.5	23.8	8.1
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran ¹ <i>Production</i>	35,521.0	36,315.0	30,846.0	29,645.0	41,489.0	34,763.2	2.2	-15.1	-3.9	40.0	5.8
Import <i>Imports</i>	22,138.7	26,915.3	31,374.7	32,881.7	35,917.4	29,845.6	21.6	16.6	4.8	9.2	13.0
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	4,852.5	5,111.0	6,278.2	5,811.4	4,118.1	5,234.2	5.3	22.8	-7.4	-29.1	-2.1
Benih <i>Seed</i>	248.6	254.2	215.9	207.5	290.4	243.3	2.2	-15.1	-3.9	40.0	5.8
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	2,640.4	2,906.0	2,797.1	2,835.8	3,664.4	2,968.7	10.1	-3.7	1.4	29.2	9.2
Prosesan <i>Processing</i>	10,443.0	18,153.0	20,341.0	20,622.0 ^e	26,648.0 ^e	19,241.4	73.8	12.1	1.4	29.2	29.1
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	39,475.2	36,806.2	32,588.4	33,050.0	42,685.5	36,921.1	-6.8	-11.5	1.4	29.2	3.1
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	1.4	1.3	1.1	1.1	1.4	1.3	-8.5	-13.0	-0.2	27.2	1.4
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	67.3	62.5	55.1	52.3	56.6	58.5					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	41.9	46.3	56.1	58.0	49.0	50.3					

¹ Pengeluaran cili termasuk cili padi
Production of chilli includes chilli pepper

Jadual 15: Akaun pembekalan dan penggunaan bagi timun, Malaysia, 2008-2012

Table 15: Supply and utilization accounts for cucumber, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	68,336.0	90,973.7	73,128.6	79,912.6	103,685.4	83,207.2	33.1	-19.6	9.3	29.7	13.1
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	53,922.0	76,298.0	60,719.0	67,251.0	93,114.0	70,260.8	41.5	-20.4	10.8	38.5	17.6
Import <i>Imports</i>	14,414.0	14,675.7	12,409.6	12,661.6	10,571.4	12,946.4	1.8	-15.4	2.0	-16.5	-7.0
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	22,495.6	23,209.0	25,122.5	20,631.2	15,673.3	21,426.3	3.2	8.2	-17.9	-24.0	-7.6
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	1,136.8	1,680.6	1,190.5	1,470.2	2,182.7	1,532.2	47.8	-29.2	23.5	48.5	22.7
Prosesan <i>Processing</i>	22.9	33.9	24.0	29.6	44.0	30.9	47.8	-29.2	23.5	48.5	22.7
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	44,680.7	66,050.2	46,791.5	57,781.6	85,785.4	60,217.9	47.8	-29.2	23.5	48.5	22.7
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	1.6	2.4	1.6	2.0	2.9	2.1	45.1	-30.4	21.5	46.2	20.6
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	117.6	112.6	126.5	113.4	105.8	113.7					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	31.4	21.7	25.9	21.4	12.0	21.0					

Jadual 16: Akaun pembekalan dan penggunaan bagi sawi, Malaysia, 2008-2012

Table 16: Supply and utilization accounts for mustard, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	119,068.2	88,171.7	123,028.6	131,004.6	171,521.1	126,558.8	-25.9	39.5	6.5	30.9	12.7
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	117,597.0	86,267.0	120,979.0	128,647.0	169,326.0	124,563.2	-26.6	40.2	6.3	31.6	12.9
Import <i>Imports</i>	1,471.2	1,904.7	2,049.6	2,357.6	2,195.1	1,995.6	29.5	7.6	15.0	-6.9	11.3
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	5,006.4	6,436.6	9,614.1	7,453.0	5,555.2	6,813.0	28.6	49.4	-22.5	-25.5	7.5
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	2,851.5	2,043.4	2,835.4	3,088.8	4,149.1	2,993.6	-28.3	38.8	8.9	34.3	13.4
Prosesan <i>Processing</i>	-	-	-	-	-	-	-	-	-	-	-
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	111,210.3	79,691.7	110,579.1	120,462.8	161,816.7	116,752.1	-28.3	38.8	8.9	34.3	13.4
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	4.0	2.8	3.9	4.1	5.5	4.1	-29.7	36.3	7.2	32.3	11.5
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	103.1	105.5	106.7	104.1	102.0	104.0					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	1.3	2.3	1.8	1.9	1.3	1.7					

Jadual 17: Akaun pembekalan dan penggunaan bagi terung, Malaysia, 2008-2012

Table 17: Supply and utilization accounts for brinjal, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	21,393.2	27,223.6	35,019.0	38,340.7	39,901.2	32,375.5	27.3	28.6	9.5	4.1	17.4
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	20,503.0	25,882.0	33,718.0	36,653.0	36,709.0	30,693.0	26.2	30.3	8.7	0.2	16.3
Import <i>Imports</i>	890.2	1,341.6	1,301.0	1,687.7	3,192.2	1,682.5	50.7	-3.0	29.7	89.1	41.6
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	6,559.3	8,063.3	8,335.2	7,645.1	5,846.0	7,289.8	22.9	3.4	-8.3	-23.5	-1.4
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	370.8	479.0	667.1	767.4	851.4	627.1	29.2	39.3	15.0	10.9	23.6
Prosesan <i>Processing</i>	-	-	-	-	-	-	-	-	-	-	-
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	14,463.0	18,681.2	26,016.8	29,928.3	33,203.8	24,458.6	29.2	39.3	15.0	10.9	23.6
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	0.5	0.7	0.9	1.0	1.1	0.9	26.8	36.8	13.2	9.2	21.5
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	138.2	135.1	126.4	119.4	107.8	122.4					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	6.0	7.0	4.9	5.5	9.4	6.7					

Jadual 18: Akaun pembekalan dan penggunaan bagi kacang panjang, Malaysia, 2008-2012

Table 18: Supply and utilization accounts for long bean, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	37,940.9	37,563.7	39,702.6	43,170.6	45,565.9	40,788.7	-1.0	5.7	8.7	5.5	4.7
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	37,815.0	37,424.0	39,432.0	42,623.0	45,010.0	40,460.8	-1.0	5.4	8.1	5.6	4.5
Import <i>Imports</i>	125.9	139.7	270.6	547.6	555.9	327.9	10.9	93.7	102.3	1.5	52.1
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	4,524.2	6,050.3	6,767.7	6,378.7	5,563.5	5,856.9	33.7	11.9	-5.7	-12.8	6.8
Benih <i>Seed</i>	147.0	138.7	144.9	161.9	176.0	153.7	-5.7	4.5	11.7	8.7	4.8
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	912.3	860.3	899.1	1,004.4	1,092.1	953.6	-5.7	4.5	11.7	8.7	4.8
Prosesan <i>Processing</i>	-	-	-	-	-	-	-	-	-	-	-
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	32,357.4	30,514.4	31,890.9	35,625.6	38,734.3	33,824.5	-5.7	4.5	11.7	8.7	4.8
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	1.2	1.1	1.1	1.2	1.3	1.2	-7.4	2.7	9.9	7.0	3.0
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	113.2	118.8	119.7	115.8	112.5	115.8					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	0.4	0.4	0.8	1.5	1.4	0.9					

Jadual 19: Akaun pembekalan dan penggunaan bagi bendi, Malaysia, 2008-2012

Table 19: Supply and utilization accounts for lady's finger, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	17,888.2	25,773.4	26,302.8	28,911.5	27,721.7	25,319.5	44.1	2.1	9.9	-4.1	13.0
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	17,858.0	25,739.0	26,267.0	28,871.0	27,660.0	25,279.0	44.1	2.1	9.9	-4.2	13.0
Import <i>Imports</i>	30.2	34.4	35.8	40.5	61.7	40.5	13.8	4.0	13.1	52.4	20.8
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	1,881.3	3,382.5	4,048.9	3,832.4	2,798.7	3,188.7	79.8	19.7	-5.3	-27.0	16.8
Benih <i>Seed</i>	4.8	6.7	6.7	7.5	7.5	6.6	39.9	-0.6	12.7	-0.6	12.8
Makanan ternakan <i>Feed</i>	1,280.6	1,791.3	1,780.3	2,006.3	1,993.8	1,770.5	39.9	-0.6	12.7	-0.6	12.8
Kerugian <i>Waste</i>											
Prosesan <i>Processing</i>	-	-	-	-	-	-	-	-	-	-	-
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	14,721.6	20,592.9	20,466.9	23,065.2	22,921.7	20,353.7	39.9	-0.6	12.7	-0.6	12.8
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	0.5	0.7	0.7	0.8	0.8	0.7	37.3	-2.4	10.9	-2.2	10.9
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	111.6	115.0	118.0	115.1	111.0	114.2					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	0.2	0.2	0.2	0.2	0.2	0.2					

Jadual 20: Akaun pembekalan dan penggunaan bagi bayam, Malaysia, 2008-2012

Table 20: Supply and utilization accounts for spinach, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	44,937.3	51,752.3	40,362.6	45,610.4	53,654.6	47,263.4	15.2	-22.0	13.0	17.6	5.9
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	43,994.0	51,240.0	39,933.0	45,136.0	53,038.0	46,668.2	16.5	-22.1	13.0	17.5	6.2
Import <i>Imports</i>	943.3	512.3	429.6	474.4	616.6	595.2	-45.7	-16.2	10.4	30.0	-5.4
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	7,817.9	9,563.2	12,323.5	10,801.6	8,351.4	9,771.5	22.3	28.9	-12.3	-22.7	4.0
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	1,013.4	1,151.8	765.5	950.3	1,236.8	1,023.5	13.7	-33.5	24.1	30.1	8.6
Prosesan <i>Processing</i>	-	-	-	-	-	-	-	-	-	-	-
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	36,106.1	41,037.4	27,273.6	33,858.5	44,066.4	36,468.4	13.7	-33.5	24.1	30.1	8.6
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	1.3	1.5	1.0	1.2	1.5	1.3	11.6	-34.7	22.1	28.1	6.8
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	118.5	121.5	142.4	129.7	117.1	124.5					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	2.5	1.2	1.5	1.4	1.4	1.6					

LIVESTOCK/TERNAKAN

Jadual 21: Akaun pembekalan dan penggunaan bagi daging lembu/kerbau, Malaysia, 2008-2012

Table 21: Supply and utilization accounts for beef, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	137,300.4	150,501.4	155,450.2	167,700.2	174,939.0	157,178.2	9.6	3.3	7.9	4.3	6.3
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	38,250.0	42,178.0	46,510.0	48,835.0 ^p	51,277.0 ^e	45,410.0	10.3	10.3	5.0	5.0	7.6
Import <i>Imports</i>	99,050.4	108,323.4	108,940.2	118,865.2	123,662.0	111,768.2	9.4	0.6	9.1	4.0	5.8
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	2,299.8	2,243.8	3,648.7	3,621.8	3,438.7	3,050.5	-2.4	62.6	-0.7	-5.1	13.6
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	-	-	-	-	-	-	-	-	-	-	-
Prosesan <i>Processing</i>	4,010.7	5,683.1	12,331.5	13,328.8 ^e	13,931.8 ^e	9,857.2	41.7	117.0	8.1	4.5	42.8
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	130,990.0	142,574.6	139,470.0	150,749.5	157,568.6	144,270.5	8.8	-2.2	8.1	4.5	4.8
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	4.8	5.1	4.9	5.2	5.3	5.0	6.9	-3.9	6.3	2.9	3.0
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	28.3	28.4	30.6	29.8	29.9	29.5					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	73.4	73.1	71.8	72.4	72.1	72.5					

Jadual 22: Akaun pembekalan dan penggunaan bagi daging kambing/bebiri, Malaysia, 2008-2012

Table 22: Supply and utilization accounts for mutton, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	19,965.2	20,561.8	24,502.1	20,887.3	23,698.9	21,923.1	3.0	19.2	-14.8	13.5	5.2
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	1,958.4	2,161.9	2,386.5	2,744.0 ^p	3,156.1 ^e	2,481.4	10.4	10.4	15.0	15.0	12.7
Import <i>Imports</i>	18,006.8	18,399.9	22,115.6	18,143.3	20,542.8	19,441.7	2.2	20.2	-18.0	13.2	4.4
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	50.0	11.3	78.6	90.5	72.6	60.6	-77.4	596.1	15.2	-19.8	128.5
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	-	-	-	-	-	-	-	-	-	-	-
Prosesan <i>Processing</i>	-	-	-	-	-	-	-	-	-	-	-
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	19,915.3	20,550.5	24,423.5	20,796.7	23,626.3	21,862.5	3.2	18.8	-14.8	13.6	5.2
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	0.7	0.7	0.9	0.7	0.8	0.8	1.3	16.7	-16.2	11.9	3.4
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	9.8	10.5	9.8	13.2	13.4	11.3					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	90.4	89.5	90.6	87.2	86.9	88.9					

Jadual 23: Akaun pembekalan dan penggunaan bagi daging babi, Malaysia, 2008-2012

Table 23: Supply and utilization accounts for pork, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	197,377.2	210,011.4	244,309.5	241,848.3	241,611.7	227,031.6	6.4	16.3	-1.0	-0.1	5.4
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	195,070.0	206,026.0	234,000.0	231,000.0 ^p	233,183.0 ^e	219,855.8	5.6	13.6	-1.3	0.9	4.7
Import <i>Imports</i>	2,307.2	3,985.4	10,309.5	10,848.3	8,428.7	7,175.8	72.7	158.7	5.2	-22.3	53.6
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	943.6	2,523.5	828.2	445.7	552.6	1,058.7	167.4	-67.2	-46.2	24.0	19.5
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	-	-	-	-	-	-	-	-	-	-	-
Prosesan <i>Processing</i>	2,357.2	2,489.9	2,921.8	2,896.8 ^e	2,892.7 ^e	2,711.7	5.6	17.3	-0.9	-0.1	5.5
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	194,076.4	204,998.0	240,559.5	238,505.7	238,166.4	223,261.2	5.6	17.3	-0.9	-0.1	5.5
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
40 % Penduduk ('000) <i>40 % of population ('000)</i>	11,027.0	11,232.6	11,435.4	11,624.8	11,807.1						
Penggunaan per kapita (kg/thn)* <i>Per capita consumption (kg/yr)</i>	17.6	18.3	21.0	20.5	20.2	19.5	3.7	15.3	-2.5	-1.7	3.7
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	99.3	99.3	96.1	95.7	96.7	97.3					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	1.2	1.9	4.2	4.5	3.5	3.2					

* Berdasarkan 40 peratus penduduk bukan Islam
Based on 40% non-muslim population

Jadual 24: Akaun pembekalan dan penggunaan bagi daging ayam/itik, Malaysia, 2008-2012

Table 24: Supply and utilization accounts for poultry meat, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	1,196,192.9	1,234,221.5	1,335,079.3	1,376,288.3	1,420,837.7	1,312,523.9	3.2	8.2	3.1	3.2	4.4
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	1,162,570.0	1,202,000.0	1,295,600.0	1,334,470.0 ^p	1,374,500.0 ^e	1,273,828.0	3.4	7.8	3.0	3.0	4.3
Import <i>Imports</i>	33,622.9	32,221.5	39,479.3	41,818.3	46,337.7	38,695.9	-4.2	22.5	5.9	10.8	8.8
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	14,529.1	23,840.1	61,935.0	57,334.6	49,078.9	41,343.5	64.1	159.8	-7.4	-14.4	50.5
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	-	-	-	-	-	-	-	-	-	-	-
Prosesan <i>Processing</i>	82,978.3	84,994.9	89,402.2	92,619.0 ^e	96,327.1 ^e	89,264.3	2.4	5.2	3.6	4.0	3.8
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	1,098,685.4	1,125,386.6	1,183,742.0	1,226,334.7	1,275,431.7	1,181,916.1	2.4	5.2	3.6	4.0	3.8
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	39.9	40.1	41.4	42.2	43.2	41.3	0.6	3.3	1.9	2.4	2.0
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	98.4	99.3	101.8	101.2	100.2	100.2					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	2.8	2.7	3.1	3.2	3.4	3.0					

Jadual 25: Akaun pembekalan dan penggunaan bagi telur ayam/itik, Malaysia, 2008-2012

Table 25: Supply and utilization accounts for chicken/duck egg, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	523,461.9	556,488.8	589,615.2	621,497.7	642,623.0	586,737.3	6.3	6.0	5.4	3.4	5.3
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	522,900.0	556,200.0	589,560.0	621,480.0 ^d	642,600.0 ^e	586,548.0	6.4	6.0	5.4	3.4	5.3
Import <i>Imports</i>	561.9	288.8	55.2	17.7	23.0	189.3	-48.6	-80.9	-67.9	30.2	-41.8
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	84,999.9	101,275.0	74,373.4	81,893.4	96,680.2	87,844.4	19.1	-26.6	10.1	18.1	5.2
Penetasan <i>Hatching</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	-	-	-	-	-	-	-	-	-	-	-
Prosesan <i>Processing</i>	48,210.0	38,365.0	38,756.7	40,584.6 ^e	41,061.3 ^e	41,395.5	-20.4	1.0	4.7	1.2	-3.4
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	390,252.0	416,848.8	476,485.0	499,019.7	504,881.5	457,497.4	6.8	14.3	4.7	1.2	6.8
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	14.2	14.8	16.7	17.2	17.1	16.0	4.9	12.3	3.0	-0.4	4.9
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	119.3	122.2	114.4	115.2	117.7	117.6					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	0.1	0.1	0.0	0.0	0.0	0.0					

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Jadual 26: Akaun pembekalan dan penggunaan bagi udang, Malaysia, 2008-2012

Table 26: Supply and utilization accounts for shrimp, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	151,062.1	187,489.6	238,831.8	217,134.2	216,117.1	202,126.9	24.1	27.4	-9.1	-0.5	10.5
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	133,523.0	160,957.0	204,532.0	177,684.0	176,309.0	170,601.0	20.5	27.1	-13.1	-0.8	8.4
Import <i>Imports</i>	17,539.1	26,532.6	34,299.8	39,450.2	39,808.1	31,525.9	51.3	29.3	15.0	0.9	24.1
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	64,383.6	58,147.7	76,364.3	73,101.8	57,073.9	65,814.2	-9.7	31.3	-4.3	-21.9	-1.1
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	-	-	-	-	-	-	-	-	-	-	-
Prosesan <i>Processing</i>	18,172.5	21,906.2	27,836.8	24,182.8	23,995.7	23,218.8	20.5	27.1	-13.1	-0.8	8.4
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	68,505.9	107,435.7	134,630.7	119,849.6	135,047.5	113,093.9	56.8	25.3	-11.0	12.7	21.0
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	2.5	3.8	4.7	4.1	4.6	3.9	54.0	23.1	-12.4	10.9	18.9
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	154.0	124.4	125.9	123.4	110.9	125.2					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	20.2	20.5	21.1	27.4	25.0	23.1					

Jadual 27: Akaun pembekalan dan penggunaan bagi tuna, Malaysia, 2008-2012

Table 27: Supply and utilization accounts for tuna, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	73,076.7	68,758.5	73,302.0	72,852.0	71,253.0	71,848.4	-5.9	6.6	-0.6	-2.2	-0.5
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	68,596.0	65,666.0	70,015.0	69,603.0	68,147.0	68,405.4	-4.3	6.6	-0.6	-2.1	-0.1
Import <i>Imports</i>	4,480.7	3,092.5	3,287.0	3,249.0	3,106.0	3,443.0	-31.0	6.3	-1.2	-4.4	-7.6
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	8,537.8	3,046.4	3,982.8	1,473.6	1,696.9	3,747.5	-64.3	30.7	-63.0	15.2	-20.4
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	-	-	-	-	-	-	-	-	-	-	-
Prosesan <i>Processing</i>	1,234.7	1,182.0	1,260.3	1,252.9	1,226.6	1,231.3	-4.3	6.6	-0.6	-2.1	-0.1
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	63,304.2	64,530.1	68,058.9	70,125.5	68,329.4	66,869.6	1.9	5.5	3.0	-2.6	2.0
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	2.3	2.3	2.4	2.4	2.3	2.3	0.1	3.6	1.4	-4.1	0.2
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	106.3	99.9	101.0	97.5	98.0	100.4					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	6.9	4.7	4.7	4.6	4.5	5.1					

Jadual 28: Akaun pembekalan dan penggunaan bagi mackerel, Malaysia, 2008-2012

Table 28: Supply and utilization accounts for mackerel, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	223,788.4	245,753.6	253,269.5	253,097.8	258,440.1	246,869.9	9.8	3.1	-0.1	2.1	3.7
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	194,331.0	207,768.0	212,302.0	210,321.0	212,902.0	207,524.8	6.9	2.2	-0.9	1.2	2.3
Import <i>Imports</i>	29,457.4	37,985.6	40,967.5	42,776.8	45,538.1	39,345.1	29.0	7.9	4.4	6.5	11.9
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	2,104.7	1,666.3	3,082.6	5,434.8	7,460.5	3,949.8	-20.8	85.0	76.3	37.3	44.4
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	-	-	-	-	-	-	-	-	-	-	-
Prosesan <i>Processing</i>	4,800.0	5,131.9	5,243.9	5,194.9	5,258.7	5,125.9	6.9	2.2	-0.9	1.2	2.3
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	216,883.8	238,955.4	244,943.1	242,468.1	245,720.9	237,794.2	10.2	2.5	-1.0	1.3	3.3
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	7.9	8.5	8.6	8.3	8.3	8.3	8.2	0.7	-2.6	-0.2	1.5
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	87.7	85.1	84.9	84.9	84.8	85.4					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	13.3	15.6	16.4	17.3	18.1	16.2					

Jadual 29: Akaun pembekalan dan penggunaan bagi ketam, Malaysia, 2008-2012

Table 29: Supply and utilization accounts for crab, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	15,495.7	16,397.5	17,392.5	15,836.1	18,740.6	16,772.5	5.8	6.1	-8.9	18.3	5.3
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	12,202.0	12,178.0	12,516.0	12,948.0	12,275.0	12,423.8	-0.2	2.8	3.5	-5.2	0.2
Import <i>Imports</i>	3,293.7	4,219.5	4,876.5	2,888.1	6,465.6	4,348.7	28.1	15.6	-40.8	123.9	31.7
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	1,592.1	1,185.8	1,221.0	904.5	903.4	1,161.4	-25.5	3.0	-25.9	-0.1	-12.1
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	-	-	-	-	-	-	-	-	-	-	-
Prosesan <i>Processing</i>	2,221.8	2,006.2	2,153.6	1,988.4 ^e	2,375.4 ^e	2,149.1	-9.7	7.3	-7.7	19.5	2.4
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	11,681.8	13,205.5	14,018.0	12,943.1	15,461.8	13,462.1	13.0	6.2	-7.7	19.5	7.7
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	0.4	0.5	0.5	0.4	0.5	0.5	11.0	4.3	-9.2	17.6	5.9
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	87.8	80.1	77.4	86.7	68.8	79.6					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	23.7	27.7	30.2	19.3	36.2	27.9					

Jadual 30: Akaun pembekalan dan penggunaan bagi sotong, Malaysia, 2008-2012

Table 30: Supply and utilization accounts for cuttlefish, Malaysia, 2008-2012

Komoditi <i>Commodity</i>	2008	2009	2010	2011	2012	Purata <i>Average</i>	Peratus perubahan tahunan (%) <i>Annual percentage change (%)</i>				
							08-09	09-10	10-11	11-12	Purata <i>Average</i>
Pembekalan (tan metrik) <i>Supply (tonnes)</i>	90,206.0	95,521.7	90,112.2	92,496.5	100,744.9	93,816.3	5.9	-5.7	2.6	8.9	2.9
Stok awal <i>Opening stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Pengeluaran <i>Production</i>	80,059.0	81,387.0	75,369.0	77,046.0	86,578.0	80,087.8	1.7	-7.4	2.2	12.4	2.2
Import <i>Imports</i>	10,147.0	14,134.7	14,743.2	15,450.5	14,166.9	13,728.5	39.3	4.3	4.8	-8.3	10.0
Penggunaan (tan metrik) <i>Utilization (tonnes)</i>											
Eksport <i>Exports</i>	39,876.2	31,602.8	28,701.8	28,464.0	24,414.1	30,611.8	-20.7	-9.2	-0.8	-14.2	-11.2
Benih <i>Seed</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan ternakan <i>Feed</i>	-	-	-	-	-	-	-	-	-	-	-
Kerugian <i>Waste</i>	-	-	-	-	-	-	-	-	-	-	-
Prosesan <i>Processing</i>	224.2	227.9	211.0	215.7	242.4	224.2	1.7	-7.4	2.2	12.4	2.2
Stok akhir <i>Closing stocks</i>	-	-	-	-	-	-	-	-	-	-	-
Makanan <i>Food</i>	50,105.6	63,691.1	61,199.4	63,816.7	76,088.4	62,980.2	27.1	-3.9	4.3	19.2	11.7
Penduduk ('000) <i>Population ('000)</i>	27,567.6	28,081.5	28,588.6	29,062.0	29,517.7						
Penggunaan per kapita (kg/thn) <i>Per capita consumption (kg/yr)</i>	1.8	2.3	2.1	2.2	2.6	2.2	24.8	-5.6	2.6	17.4	9.8
Kadar sara diri (%) <i>Self-sufficiency ratio (%)</i>	159.1	127.3	122.7	120.3	113.4	126.7					
Kadar kebergantungan import (%) <i>Import dependency ratio (%)</i>	20.2	22.1	24.0	24.1	18.6	21.7					

NOTA TEKNIKAL

TECHNICAL NOTES

1. Pengenalan

- 1.1 Akaun Pembekalan dan Penggunaan (SUA) merupakan lembaran akaun imbalan yang memaparkan perangkaan pembekalan dan penggunaan yang disimpan secara fizikal untuk memadankan elemen pembekalan dan penggunaan.
- 1.2 Pada 2010, penerbitan pertama SUA yang meliputi sembilan item tanaman terpilih telah diterbitkan.
- 1.3 Penerbitan kedua diterbitkan pada 2011 meliputi 23 item pertanian terpilih bagi 2006 hingga 2010 yang mana sebanyak 19 item tanaman dan empat item ternakan telah terpilih.
- 1.4 Pada 2012, penerbitan ketiga dikeluarkan meliputi 28 item pertanian terpilih daripada ketiga-tiga subsektor tanaman, ternakan dan perikanan.

2. Pemilihan item

- 2.1 Pemilihan item bagi penyusunan SUA, Jabatan Perangkaan Malaysia adalah berdasarkan cadangan daripada agensi pertanian dan dipersetujui bersama oleh ahli Jawatankuasa Teknikal SUA dan diluluskan oleh Jawatankuasa Pemandu SUA.

1. Introduction

- 1.1 *Supply and Utilization Accounts (SUA) is a balancing account that presents statistics on supply and utilization which is kept physically together to allow the matching of elements of supply and utilization.*
- 1.2 *In 2010, the first publication on SUA was published covering nine selected crops items.*
- 1.3 *The second publication was published in 2011 covering 23 selected agricultural items for 2006 to 2010 in which 19 items on crops and four items on livestock were selected.*
- 1.4 *In 2012, the third publication was published covering 28 selected agricultural items from the three sub-sectors i.e. crops, livestock and fisheries.*

2. Selection of items

- 2.1 *The selection of items for the compilation of SUA for Department of Statistics, Malaysia is based on the recommendations of the agricultural agencies and was agreed by the SUA Technical Committee and approved by the SUA Steering Committee.*

2.2 Item yang diliputi memfokuskan kepada item makanan dan yang memberi impak kepada pengguna. Liputan item juga bergantung kepada ketersediaan data pengeluaran, import dan eksport.

2.2 *The items covered focussed on food that have an impact on consumers. The coverage depends on the availability of the production, imports and exports data.*

3. Sumber data

3. Source of data

3.1 Data pengeluaran bagi tanaman, ternakan dan perikanan diperoleh daripada Kementerian Pertanian & Industri Asas Tani Malaysia (MOA) dan jabatan pertanian berkaitan.

3.1 *Data for the production of crops, livestock and fisheries is obtained from the Ministry of Agriculture & Agro-Based Industry Malaysia (MOA) and the agricultural departments related.*

3.2 Data import dan eksport diperoleh daripada sumber dalaman Jabatan. Klasifikasi kod import dan eksport yang digunakan adalah *HS 2007/SITC Revision 4*.

3.2 *Data on imports and exports is obtained internally within the Department. The classification of imports and exports codes used is HS 2007/SITC Revision 4.*

3.3 Data prosesan bagi beberapa item tanaman dan ternakan terpilih diperoleh melalui Penyiasatan Pembuatan Tahunan, manakala selebihnya mengguna pakai kadar dari negara Filipina dan Indonesia.

3.3 *Data on processing for several selected crops and livestock is obtained through the Annual Manufacturing Survey, while the remainders adopt the rates from Philippines and Indonesia.*

3.4 Data prosesan untuk perikanan (kecuali ketam) diperoleh dengan mengguna pakai kadar prosesan yang dibekalkan oleh Jabatan Perikanan Malaysia.

3.4 *Data on processing for fisheries (except crab) is obtained by adopting the processing rates provided by the Department of Fisheries, Malaysia.*

3.5 Data bagi benih, makanan ternakan dan kerugian tidak dapat diperoleh, justeru mengguna pakai kadar daripada negara luar iaitu Filipina dan Indonesia.

3.5 *Data on seeds, feed and waste could not be obtained, therefore rates from other countries like Philippines and Indonesia are adopted.*

4. Konsep dan definisi SUA

4.1 *Food Balance Sheets - A handbook, Food and Agriculture Organization of the United Nations (FAO), Rome, 2001* merupakan sumber rujukan utama dalam memberi konsep dan definisi yang diguna pakai di dalam penerbitan ini. Bahan rujukan lain adalah dari agensi statistik Filipina iaitu *Bureau of Agricultural Statistics (BAS)* dan *National Statistical Coordination Board (NSCB)*.

4.2 Formula yang diguna pakai juga berdasarkan kepada formula dan cadangan FAO.

4.3 SUA disusun dalam kuantiti fizikal dan memaparkan perangkaan pembekalan dan penggunaan yang disimpan bersama secara fizikal dalam satu lembaran untuk memadankan elemen pembekalan dengan penggunaan. Akaun tersebut adalah dalam bentuk persamaan imbangan yang mana hasilnya satu elemen lazimnya dikira sebagai lebihan atau baki.

4.4 Elemen dalam SUA

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.

4. Concepts and definition of SUA

4.1 *Food Balance Sheets - A handbook, Food and Agriculture Organization of the United Nations (FAO), Rome, 2001* is the main reference for this publication in defining concepts and definition. Other references are from the Philippines statistical agencies i.e. *Bureau of Agricultural Statistics (BAS)* and *National Statistical Coordination Board (NSCB)*.

4.2 Formula used is based on formula and recommendations by FAO.

4.3 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.

4.4 Elements of SUA

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.

Pembekalan = Pengeluaran + Import + Stok Awal

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

Jumlah Pembekalan = Jumlah Penggunaan

Supply = Production + Imports + Opening Stocks

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

Total Supply = Total Utilization

4.4.1 Pengeluaran merujuk kepada jumlah pengeluaran yang berlaku dalam tempoh rujukan. Ini termasuk pengeluaran sebenar dari ladang dan pengeluaran dari kebun (*backyard production*). Pengeluaran bagi komoditi ternakan pula merujuk kepada binatang yang telah disembelih dan dibersihkan. Manakala pengeluaran untuk komoditi perikanan merujuk kepada tangkapan nominal iaitu berat bersih daripada pendaratan ikan tidak termasuk tangkapan yang rosak, tidak cukup saiz atau yang dimakan oleh nelayan itu sendiri.

Data pengeluaran telur meliputi telur ayam dan telur itik. Telur untuk penetasan tidak diambil kira dalam penyediaan SUA telur kerana data pengeluaran yang diperoleh merujuk kepada telur untuk dimakan/diguna sahaja.

4.4.2 Benih ialah sejumlah komoditi yang diperuntukkan bagi tujuan penanaman baru atau penanaman semula atau pembiakan seperti biji benih untuk tanaman, telur untuk penetasan dan ikan untuk umpan. Bagi penyediaan SUA telur, elemen benih diganti dengan elemen penetasan. Penetasan ialah kuantiti

4.4.1 *Production refers to total production that takes place during the reference period. This includes the actual production from the farm and backyard production. Production of livestock items referred to slaughtered animals and dressed carcass, while production of fisheries referred to the nominal catch that is the net weight of the retained catch excluding the damaged catch, undersized or consumed by the fishermen.*

Data on 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 refers to the production of egg for consumption only.

4.4.2 *Seeds refer to the amount of commodity allotted for the purpose of new planting or replanting or for breeding such as seed for planting, eggs for hatching and fish for bait. The element seed in SUA for egg is replaced with hatchery. Hatchery refers to quantity allocated from production for*

yang diperuntukkan daripada pengeluaran untuk tujuan penetasan.

hatching purposes.

4.4.3 Makanan ternakan merujuk kepada jumlah komoditi yang digunakan untuk makanan ternakan.

4.4.3 Feed refers to the total commodity allotted for animals feed.

4.4.4 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.

4.4.4 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.

4.4.5 Import dan eksport merujuk kepada kemasukan komoditi ke dalam negara (import) dan pergerakan komoditi ke luar negara (eksport).

4.4.5 Imports and exports refer to the entering of commodity into the country (imports) and the movement of commodity out of the country (exports).

4.4.6 Stok awal ialah kuantiti stok bagi sesuatu komoditi yang ada pada awal tempoh rujukan manakala stok akhir ialah kuantiti stok yang ada pada akhir tempoh rujukan.

4.4.6 Opening stock is the quantity of commodity available at the beginning of the reference period, while closing stock refers to stock of commodity available at the end of the reference period.

4.4.7 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

4.4.7 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

(*residuals*) setelah semua komponen penggunaan yang lain ditentukan.

Makanan = Jumlah pembekalan bersih - (Benih + Makanan Ternakan + Kerugian + Prosesan)
Jumlah pembekalan bersih = (Pengeluaran + Import \pm Stok) - Eksport

elements are determined.

Food = Total net supply - (Seed + Feed + Waste + Processing)
Total net supply = (Production + Imports \pm Stocks) - Exports

5. Prosedur penyediaan SUA

- 5.1 Unit pengukuran yang diguna untuk semua komoditi terpilih ialah dalam tan metrik.
- 5.2 Purata berat telur yang diambil untuk penyediaan SUA telur ialah 60 gram sebiji.
- 5.3 Penggunaan per kapita bagi daging babi dikira berdasarkan 40 peratus penduduk bukan Islam.
- 5.4 Penjanaaan indikator pertanian:
SUA boleh dijadikan asas bagi pengeluaran indikator pertanian seperti kadar sara diri (SSR), kadar kebergantungan import (IDR) dan penggunaan per kapita (PCC).
- 5.4.1 SSR menerangkan tentang magnitud pengeluaran terhadap penggunaan domestik. Ia menunjukkan setakat mana bekalan domestik dalam negara dihasilkan daripada pengeluaran domestik.

5. Procedures for preparation of SUA

- 5.1 *The unit of measurement used by all selected commodities is in tonne.*
- 5.2 *The average weight of egg taken for the preparation of SUA is 60 grammes per egg.*
- 5.3 *Per capita consumption for pork is calculated based on the 40 per cent of non-muslims population.*
- 5.4 *Generating agriculture indicators:
SUA paves the way to generate agricultural indicators such as self-sufficiency ratio (SSR), import dependency ratio (IDR) and per capita consumption (PCC).*
- 5.4.1 *SSR expresses the magnitude of production in relation to domestic utilization. It is the extent to which a country's domestic supply is derived from its own domestic production.*

SSR yang kurang daripada 100 peratus menunjukkan pengeluaran tidak mencukupi untuk memenuhi keperluan domestik. Manakala bagi SSR yang mencapai kadar 100 peratus atau lebih menunjukkan pengeluaran domestik adalah mencukupi untuk menampung penggunaan domestik.

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

SSR of less than 100 per cent indicates inadequacy of production to cope with the demand of the domestic requirements, while equal or more than 100 per cent indicates that domestic production is sufficient to support the domestic need.

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

5.4.2 IDR 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.

5.4.2 IDR 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.

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

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

5.4.3 PCC dikira untuk mendapatkan penggunaan (makanan) bagi setiap penduduk dalam setahun. Unit pengukurannya adalah dalam kilogram setahun.

5.4.3 Per capita consumption refers to food consumed by each person per year. The unit of measurement is kilogramme per year.

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

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

5.5 Jumlah purata yang dipaparkan dalam jadual adalah terbitan daripada membahagikan jumlah data lima tahun

5.5 The total average presented in the statistical tables are derived by dividing the sum of five years data by the

dengan bilangan tahun. Purata bagi peratus perubahan tahunan diperoleh dengan membahagikan jumlah peratus perubahan dengan empat.

number of years. The average annual percentage change is derived by dividing the sum of percentage change by four.

5.6 Pengiraan jumlah purata bagi SSR dan IDR pula dikira mengikut formula SSR dan IDR yang diberi.

5.6 The total average of the SSR and IDR is calculated based on the formula of SSR and IDR provided.

5.7 Data penduduk 2008 dan 2009 adalah Anggaran Penduduk Pertengahan Tahun Antara Banci berasaskan data Banci Penduduk dan Perumahan Malaysia 2000 dan 2010 yang disesuaikan.

5.7 The 2008 dan 2009 figures are based on the Intercensal Mid-Year Population Estimates based on the adjusted Population and Housing Census of Malaysia 2000 and 2010.

5.8 Data penduduk 2010-2012 adalah Anggaran Penduduk Pertengahan Tahun berasaskan data Banci Penduduk dan Perumahan 2010 yang disesuaikan.

5.8 The 2010-2012 figures are the Mid-Year Population Estimates based on the adjusted Population and Housing Census of Malaysia 2010.

6. Pembundaran

6. Rounding of estimates

Jumlah bagi komponen mungkin berbeza dengan jumlah besar dalam jadual penerbitan disebabkan oleh pembundaran angka.

The sum of components may not add up to the totals in the tables presented in this publication due to rounding.

7. Nota dan simbol

7. Notations and symbols

Simbol dan huruf ringkas berikut digunakan dalam penerbitan ini:

The following symbols and notations have been used throughout the publication:

SUA Akaun pembekalan dan penggunaan

SUA Supply and utilization accounts

PCC Penggunaan per kapita

PCC Per capita consumption

SSR	Kadar sara diri	SSR	<i>Self-sufficiency ratio</i>
IDR	Kadar kebergantungan import	IDR	<i>Import dependency ratio</i>
Kg/thn	Kilogram setahun	Kg/yr	<i>Kilogramme per year</i>
p	Permulaan	p	<i>Preliminary</i>
e	Anggaran	e	<i>Estimate</i>
-	Tiada data	-	<i>No data</i>
0.0	Kurang daripada 0.05	0.0	<i>Less than 0.05</i>

SUMBER DATA

DATA SOURCE

SUMBER DATA

DATA SOURCE

Perkara/Subject	Agensi/Agency
<ul style="list-style-type: none"> Data pengeluaran bagi 20 komoditi tanaman terpilih <i>Data on production of the 20 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 lima komoditi ternakan terpilih <i>Data on production of five 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 pengeluaran ikan bagi lima item perikanan terpilih <i>Data on production of five selected fisheries items</i> 	<ul style="list-style-type: none"> Jabatan Perikanan Malaysia <i>Department of Fisheries, Malaysia</i>
<ul style="list-style-type: none"> Data pembuatan <i>Manufacturing data</i> Data import dan eksport <i>Imports and exports data</i> Data penduduk <i>Population data</i> 	<ul style="list-style-type: none"> Jabatan Perangkaan Malaysia <i>Department of Statistics, Malaysia</i> Jabatan Perikanan Malaysia <i>Department of Fisheries, 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>

Perkara/Subject	Agensi/Agency
<ul style="list-style-type: none"> • Kadar pertukaran dan penganggaran <i>Conversion rates 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> • Jabatan Perikanan Malaysia <i>Department of Fisheries, Malaysia</i> • Jabatan Perkhidmatan Veterinar <i>Department of Veterinary Services</i> • <i>FAO, Bureau of Agricultural Statistics (BAS), Philippines, Badan Pusat Statistik (BPS), Indonesia</i>

RUJUKAN
REFERENCE

RUJUKAN

REFERENCE

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7	<i>Perangkaan Agromakanan 2012, Kementerian Pertanian dan Industri Asas Tani, Malaysia, Februari, 2013</i> <i>Agrofood Statistics 2012, Ministry of Agriculture and Agro-Based Industry Malaysia, February, 2013</i>

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