



2011

BANCI EKONOMI ECONOMIC CENSUS



TERNAKAN LIVESTOCK



JABATAN PERANGKAAAN MALAYSIA
DEPARTMENT OF STATISTICS, MALAYSIA

KATA PENGANTAR



Laporan ini membentangkan perangkaan subsektor ternakan yang diperoleh daripada Banci Ekonomi 2011 bagi tahun rujukan 2010. Ia turut memuatkan perangkaan pertanian secara keseluruhan yang meliputi subsektor tanaman, ternakan, perhutanan & pembalakan dan perikanan.

Laporan ini mengandungi tiga bahagian. Bahagian pertama memuatkan hasil penemuan bagi keseluruhan sektor pertanian (seksyen A) dan subsektor ternakan (seksyen B). Data yang difokuskan di bahagian ini adalah berkaitan nilai output kasar, input perantaraan, nilai ditambah, bilangan pekerja, gaji & upah dan nilai harta tetap. Maklumat berkaitan pemilikan wanita turut dimuatkan dalam laporan ini. Aspek teknikal seperti objektif, skop, liputan serta konsep dan definisi yang digunakan dalam banci ini dimuatkan di bahagian kedua laporan. Jadual-jadual terperinci bagi keseluruhan sektor pertanian dan subsektor ternakan dipaparkan di bahagian ketiga bagi membolehkan pengguna membuat analisis.

Jabatan merakamkan setinggi-tinggi penghargaan dan terima kasih kepada semua pihak yang terlibat dalam menyumbang kepada laporan ini. Sebarang ulasan dan cadangan daripada para pengguna untuk menambahbaik laporan ini pada masa hadapan amatlah dihargai.

DR. HAJI ABDUL RAHMAN BIN HASAN

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JULAI 2012





PREFACE

This report presents statistics on livestock sub-sector obtained from the Economic Census 2011 for reference year 2010. It includes statistics on the agriculture sector which covers crops, livestock, forestry & logging and fisheries sub-sectors.

This report contains three sections. The first part contains the findings for the entire agriculture sector (section A) and livestock sub-sector (section B). The data focused on the first part are value of gross output, intermediate inputs, value added, employment, salaries & wages and the value of fixed assets. Information relating to the ownership by women is also included in this report. The technical aspects such as objectives, scope, coverage as well as concepts and definitions used in this census are covered in the second part. Detailed tables for the entire agriculture sector and livestock sub-sector are incorporated in the third part of the report to facilitate analyses by users.

The department would like to express its appreciation and gratitude to all parties involved in contributing to this report. All comments and suggestions from users to improve this report in the future are greatly appreciated.

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JULY 2012

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BANCI EKONOMI **ECONOMIC CENSUS**



SEKSYEN
SECTION A

RINGKASAN PENEMUAN
SEKTOR PERTANIAN
SUMMARY FINDINGS OF THE
AGRICULTURE SECTOR



SEKTOR PERTANIAN

1. PENDAHULUAN

Penerbitan ini mempersembahkan penemuan daripada Banci Ekonomi 2011 bagi sektor pertanian secara umum dan penemuan subsektor ternakan secara khusus. Skop dan liputan banci ini adalah **pertubuhan** yang merujuk kepada 'ladang' atau estet yang berdaftar untuk tujuan perniagaan dengan agensi pendaftar perniagaan yang sah (cth: Suruhanjaya Syarikat Malaysia, Pihak Berkuasa Tempatan dll). Usahawan Pertanian yang hanya mendaftar dengan Kementerian Pertanian dan Industri Asas Tani atau agensi kerajaan yang lain bagi maksud menerima bantuan **TIDAK** diliputi dalam banci ini.

Prestasi keseluruhan sektor pertanian bagi 2005 dan 2010 ditunjukkan dalam jadual di bawah.

Jadual 1.1

Prestasi keseluruhan sektor pertanian bagi 2005 dan 2010

| Perangkaan utama | 2005 | 2010 | Kadar pertumbuhan tahunan (%) |
|--------------------------------|---------|---------|-------------------------------|
| Pertubuhan (Bilangan) | 5,223 | 8,829 | 11.1 |
| Nilai output kasar (RM bilion) | 21.7 | 53.5 | 19.8 |
| Nilai ditambah (RM bilion) | 10.2 | 31.1 | 25.1 |
| Guna tenaga (Bilangan) | 259,721 | 390,708 | 8.5 |
| Gaji & upah (RM bilion) | 2.4 | 4.9 | 15.2 |
| Nilai harta tetap (RM bilion) | 37.1 | 40.1 | 1.6 |

2. LIPUTAN PERTUBUHAN PERTANIAN

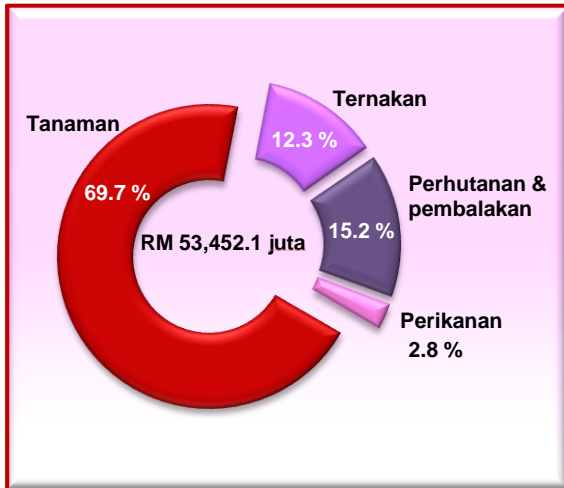
Pada 2010, sebanyak 8,829 pertubuhan beroperasi dalam sektor pertanian yang merangkumi subsektor tanaman (6,348), ternakan (1,089), perikanan (855) dan perhutanan & pembalakan (537) [Jadual A1]. Johor dan Sabah mencatatkan bilangan pertubuhan pertanian tertinggi masing-masing 1,316 dan 1,311 pertubuhan diikuti Perak (1,174), Pahang (923) dan Selangor (916) [Jadual A3].

3. NILAI OUTPUT KASAR

Nilai output kasar daripada Banci Ekonomi 2011 untuk sektor pertanian adalah RM53,452.1 juta. Penyumbang utama output dalam sektor pertanian adalah subsektor tanaman dengan RM37,275.6 juta diikuti perhutanan & pembalakan (RM8,111.0 juta), ternakan (RM6,591.5 juta) dan perikanan (RM1,474.1 juta) [Carta 3.1].

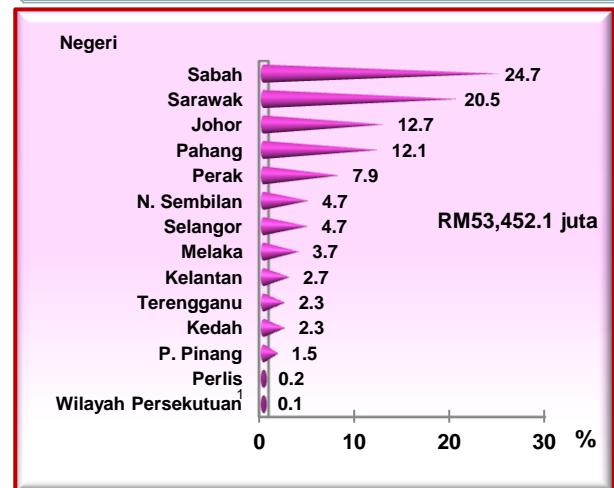
Carta 3.1

Peratus nilai output kasar mengikut subsektor, 2010



Carta 3.2

Peratus nilai output kasar sektor pertanian mengikut negeri, 2010



Nota : ¹ Termasuk Wilayah Persekutuan Kuala Lumpur, Labuan dan Putrajaya

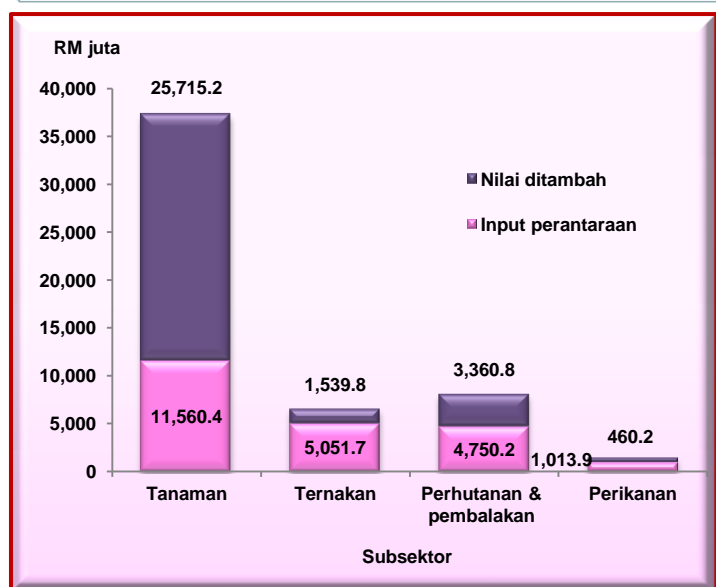
Sabah dan Sarawak mencatatkan output kasar tertinggi berbanding dengan negeri lain iaitu masing-masing 24.7 dan 20.5 peratus daripada jumlah output kasar pertanian (Carta 3.2).

4. NILAI DITAMBAH

Pada 2010, sejumlah RM31,075.9 juta nilai ditambah telah terhasil daripada penggunaan input sebanyak RM22,376.1 juta bagi keseluruhan sektor pertanian. Subsektor tanaman menjana nilai ditambah tertinggi (222.4%) daripada penggunaan input RM11,560.4 juta, diikuti perhutanan & pembalakan (70.8%), perikanan (45.4%) dan ternakan (30.5%). Ini menunjukkan subsektor tanaman menghasilkan nilai ditambah yang tinggi dengan hanya menggunakan input yang rendah berbanding subsektor lain (Carta 4.1).

Carta 4.1

Nilai ditambah dan input perantaraan sektor pertanian, 2010



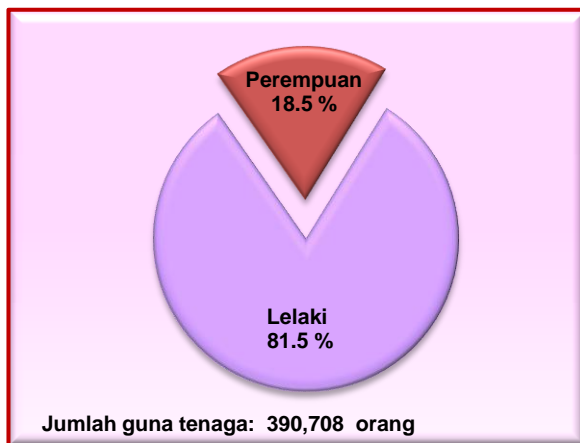
5. GUNA TENAGA DAN GAJI & UPAH

5.1 Mengikut jantina dan kategori pekerja

Jumlah guna tenaga di sektor pertanian pada 2010 adalah seramai 390,708 orang. Kategori pekerja bergaji adalah seramai 384,769 (98.5%) dan hanya 5,939 orang (1.5%) adalah pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji. Daripada jumlah guna tenaga, 318,583 (81.5%) adalah pekerja lelaki dan selebihnya (18.5%) pekerja perempuan (Carta 5.1).

Carta 5.1

Peratus guna tenaga sektor pertanian mengikut jantina, 2010



Carta 5.2

Guna tenaga dan gaji & upah sektor pertanian, 2010



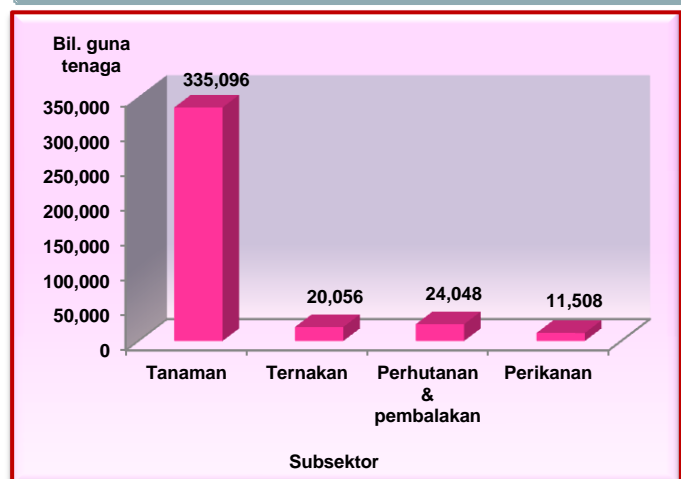
Daripada keseluruhan pekerja bergaji, pekerja sepenuh masa mencatatkan seramai 380,621 orang (98.9%) dan 4,148 orang (1.1%) adalah pekerja sambilan dengan jumlah gaji & upah yang dibayar sebanyak RM4,890.0 juta (Carta 5.2).

5.2 Mengikut subsektor

Subsektor tanaman memberi peluang pekerjaan tertinggi dalam sektor pertanian berbanding subsektor lain dengan jumlah 335,096 orang daripada keseluruhan guna tenaga. Subsektor ternakan, perhutanan & pembalakan dan perikanan pula masing-masing mencatatkan guna tenaga seramai 20,056, 24,048 dan 11,508 orang (Carta 5.3).

Carta 5.3

Guna tenaga sektor pertanian mengikut subsektor, 2010



5.3 Mengikut negeri

Purata gaji & upah bulanan sektor pertanian pada 2010 adalah RM1,059. Pulau Pinang mencatatkan purata gaji & upah bulanan yang tertinggi iaitu RM1,402, diikuti Selangor, Kelantan dan Sarawak masing-masing dengan RM1,264, RM1,246 dan RM1,240. Negeri selainnya merekodkan purata gaji & upah bulanan di antara RM1,000 hingga RM1,192. Sementara itu, gaji yang dibayar kepada pekerja di Perlis dan Sabah adalah di bawah RM1,000 seorang (Jadual 5.1).

Jadual 5.1

Purata gaji & upah sebulan sektor pertanian mengikut negeri, 2010

| Negeri | Jumlah guna tenaga | Jumlah pekerja | Jumlah gaji & upah (RM juta) | Purata gaji & upah sebulan (RM) |
|----------------------------------|--------------------|----------------|------------------------------|---------------------------------|
| Malaysia | 390,708 | 384,769 | 4,890.0 | 1,059 |
| Johor | 50,802 | 50,160 | 674.0 | 1,120 |
| Kedah | 10,573 | 9,795 | 130.6 | 1,111 |
| Kelantan | 15,768 | 15,335 | 229.3 | 1,246 |
| Melaka | 7,783 | 7,589 | 108.6 | 1,192 |
| Negeri Sembilan | 16,605 | 16,219 | 222.3 | 1,142 |
| Pahang | 35,652 | 34,795 | 448.6 | 1,075 |
| Perak | 25,959 | 24,982 | 353.4 | 1,179 |
| Perlis | 543 | 467 | 5.1 | 910 |
| Pulau Pinang | 3,746 | 3,561 | 59.9 | 1,402 |
| Sabah | 138,396 | 138,240 | 1,440.1 | 868 |
| Sarawak | 55,967 | 55,852 | 831.1 | 1,240 |
| Selangor | 17,277 | 16,391 | 248.7 | 1,264 |
| Terengganu | 11,400 | 11,158 | 135.6 | 1,013 |
| Wilayah Persekutuan ¹ | 237 | 225 | 2.7 | 1,000 |

Nota : ¹ Termasuk Wilayah Persekutuan Kuala Lumpur, Labuan dan Putrajaya

6. NILAI HARTA TETAP

Nilai harta tetap sektor pertanian pada 2010 adalah sebanyak RM40,088.2 juta. Penyumbang terbesar adalah daripada subsektor tanaman iaitu sebanyak RM35,149.4 juta atau 87.7 peratus diikuti dengan perhutanan & pembalakan RM2,173.6 juta (5.4%), ternakan RM1,859.7 juta (4.6%) dan perikanan RM905.5 juta (2.3%). Kadar pertumbuhan tahunan bagi nilai harta tetap dari 2005 hingga 2010 ditunjukkan dalam Jadual 6.1.

Jadual 6.1

Kadar pertumbuhan tahunan bagi nilai harta tetap sektor pertanian, 2005 dan 2010

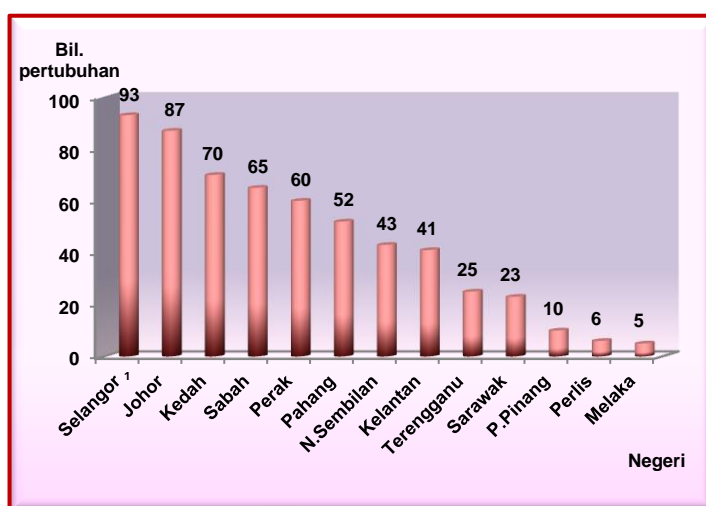
| Subsektor | Nilai harta tetap (RM juta) | | Kadar pertumbuhan tahunan (%) |
|-------------------------|-----------------------------|-----------------|-------------------------------|
| | 2005 | 2010 | |
| Tanaman | 34,091.1 | 35,149.4 | 0.6 |
| Ternakan | 1,664.1 | 1,859.7 | 2.3 |
| Perhutanan & pembalakan | 1,168.7 | 2,173.6 | 13.2 |
| Perikanan | 162.0 | 905.5 | 41.1 |
| Jumlah | 37,085.9 | 40,088.2 | 1.6 |

7. PERTUBUHAN MILIKAN WANITA

Bilangan pertubuhan yang dimiliki oleh wanita dalam sektor pertanian yang dicatatkan dari Banci Ekonomi 2011 adalah 580 pertubuhan atau 6.6 peratus daripada 8,829 pertubuhan. Sebahagian besar pertubuhan yang dimiliki oleh wanita ini adalah daripada subsektor tanaman iaitu sebanyak 440 pertubuhan atau 75.9 peratus manakala selebihnya adalah daripada subsektor ternakan, 66 pertubuhan (11.4%), perikanan, 56 pertubuhan (9.6%) dan perhutanan & pembalakan 18 pertubuhan (3.1%).

Carta 7.1

Bilangan pertubuhan milikan wanita sektor pertanian mengikut negeri, 2010



Nota : ¹ Termasuk Wilayah Persekutuan Kuala Lumpur

Enam negeri utama yang mencatatkan bilangan pertubuhan tertinggi yang dimiliki oleh wanita adalah Selangor (93), Johor (87), Kedah (70), Sabah (65), Perak (60) dan Pahang (52). Kenam-enam negeri ini mewakili 73.6 peratus daripada jumlah pertubuhan milikan wanita bagi sektor pertanian. Carta 7.1 menunjukkan bilangan pertubuhan yang dimiliki oleh wanita dalam sektor pertanian pada 2010 mengikut negeri.



AGRICULTURE SECTOR

1. INTRODUCTION

This publication presents the findings of the Economic Census 2011 for the agriculture sector in general and specifically for livestock sub-sector. The scope and coverage of the census is **establishment** that refers to the 'farm' or estate registered as legitimate business entities (e.g. the Companies Commission of Malaysia, Local Authority Area etc.). Agriculture entrepreneurs which only register with Ministry of Agriculture and Agro-Based Industry or other government agencies for the purpose of receiving aid were **NOT** covered in this census.

Overall performance of the agriculture sector for 2005 and 2010 is shown in table below.

Table 1.1 Overall performance of the agriculture sector for 2005 and 2010

| Principal statistics | 2005 | 2010 | Annual growth rate (%) |
|---|---------|---------|------------------------|
| Establishments (Number) | 5,223 | 8,829 | 11.1 |
| Value of gross output (RM billion) | 21.7 | 53.5 | 19.8 |
| Value added (RM billion) | 10.2 | 31.1 | 25.1 |
| Employment (Number) | 259,721 | 390,708 | 8.5 |
| Salaries & wages (RM billion) | 2.4 | 4.9 | 15.2 |
| Value of fixed asset (RM billion) | 37.1 | 40.1 | 1.6 |

2. COVERAGE OF ESTABLISHMENTS

In 2010, a total of 8,829 establishments were involved in the agriculture sector that covers crops (6,348), livestock (1,089), fisheries (855) and forestry & logging (537) sub-sectors (Table A1). Johor and Sabah recorded the highest number of agriculture at 1,316 and 1,311 establishments respectively and followed by Perak (1,174), Pahang (923) and Selangor (916) [Table A3].

3. VALUE OF GROSS OUTPUT

The value of gross output from the Economic Census 2011 for the agriculture sector was RM53,452.1 million. The crops sub-sector in the agriculture sector is the main contributor with RM37,275.6 million, followed by forestry & logging (RM8,111.0 million), livestock (RM6,591.5 million) and fisheries (RM1,474.1 million) [Chart 3.1].

Chart 3.1 Percentage value of gross output by sub-sector, 2010

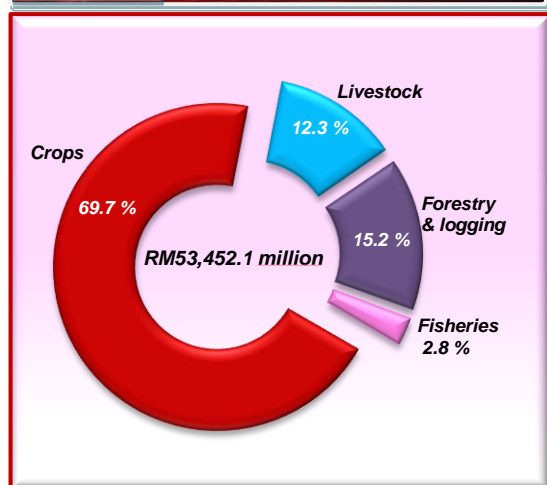
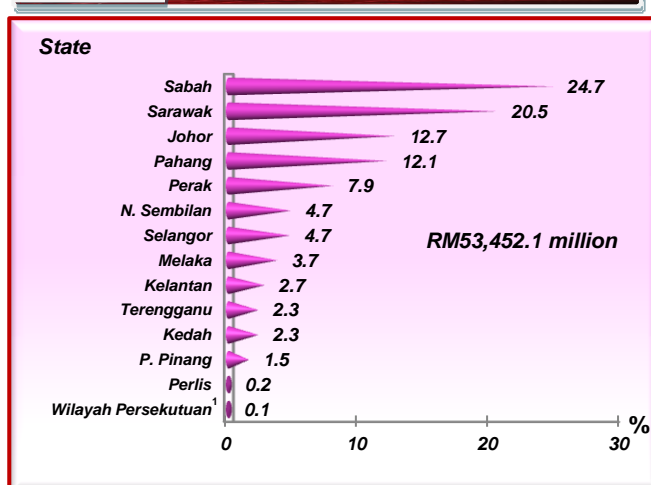


Chart 3.2 Percentage value of gross output agriculture sector by state, 2010



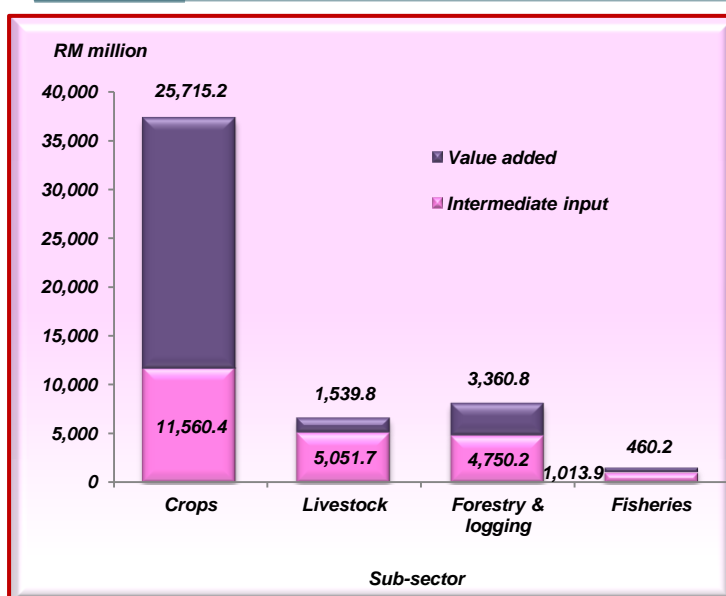
Note : ¹ Includes Wilayah Persekutuan Kuala Lumpur, Labuan and Putrajaya

Sabah and Sarawak recorded the highest gross output compared to other states with 24.7 and 20.5 per cent of total agriculture gross output respectively (Chart 3.2).

4. VALUE ADDED

In 2010, a total of RM31,075.9 million value added has been produced from overall inputs consumed in the agriculture sector of RM22,376.1 million. The crops sub-sector generate the highest value added (222.4%) from input consumption at RM11,560.4 million, followed by forestry & logging (70.8%), fisheries (45.4%) and livestock (30.5%). This showed that crops sub-sector produced the highest value added by using low inputs compared to the other sub-sectors (Chart 4.1).

Chart 4.1 Value added and intermediate inputs in agriculture sector, 2010





5. EMPLOYMENT AND SALARIES & WAGES

5.1 By Gender and Category of Workers

The total employment in the agriculture sector in 2010 was 390,708 persons. The paid employees categories were 384,769 (98.5%) and only 5,939 persons (1.5%) were working proprietors, active business partners and unpaid family workers. From the total employment, 318,583 (81.5%) were male workers and the rest (18.5%) were females (Chart 5.1).

Chart 5.1 Percentage of employment in agriculture sector by gender, 2010

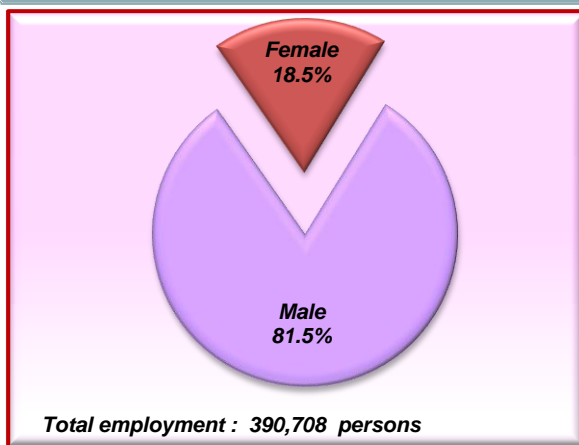
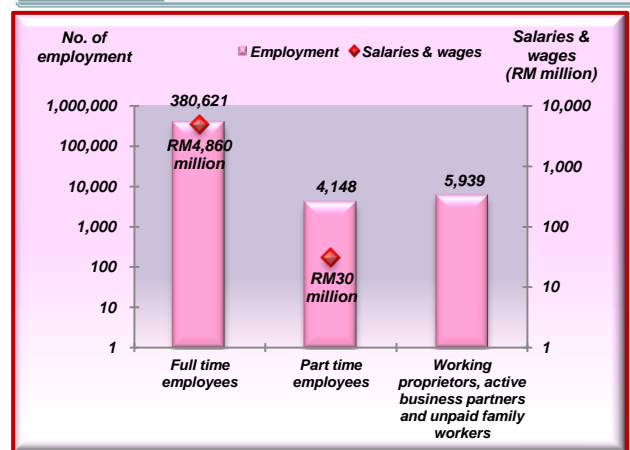


Chart 5.2 Employment and salaries & wages in agriculture sector, 2010

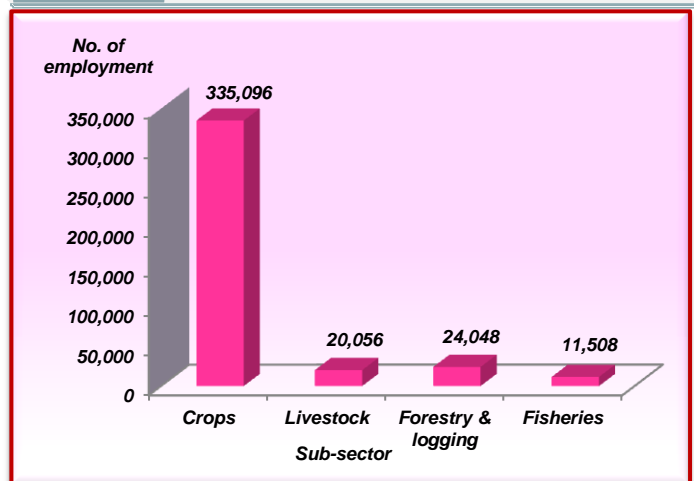


A total 380,621 persons (98.9%) of the paid employees were full time employees while 4,148 persons (1.1%) were part-time employees with a total of RM4,890.0 million paid as salaries & wages (Chart 5.2).

5.2 By Sub-sector

The crops sub-sector provided the highest job opportunities in the agriculture sector compared to other sub-sectors with a total of 335,096 persons of the overall total employment. The livestock, forestry & logging and fisheries sub-sector recorded the number of employees of 20,056, 24,048 and 11,508 persons respectively (Chart 5.3).

Chart 5.3 Employment in agriculture sector by sub-sector, 2010





5.3 By State

The average monthly salaries & wages in 2010 were RM1,059. Pulau Pinang recorded the highest average monthly salaries & wages at RM1,402, followed by Selangor, Kelantan and Sarawak with RM1,264, RM1,246 and RM1,240 respectively. Other states recorded the average monthly salaries & wages between RM1,000 to RM1,192. Meanwhile, the salaries & wages paid to employees in Perlis and Sabah were below RM1,000 per person (Table 5.1).

Table 5.1 Average salaries & wages per month in agriculture sector by state, 2010

| State | Total employment | Total employees | Total salaries & wages (RM million) | Average salaries & wages per month (RM) |
|--|------------------|-----------------|-------------------------------------|---|
| Malaysia | 390,708 | 384,769 | 4,890.0 | 1,059 |
| <i>Johor</i> | 50,802 | 50,160 | 674.0 | 1,120 |
| <i>Kedah</i> | 10,573 | 9,795 | 130.6 | 1,111 |
| <i>Kelantan</i> | 15,768 | 15,335 | 229.3 | 1,246 |
| <i>Melaka</i> | 7,783 | 7,589 | 108.6 | 1,192 |
| <i>Negeri Sembilan</i> | 16,605 | 16,219 | 222.3 | 1,142 |
| <i>Pahang</i> | 35,652 | 34,795 | 448.6 | 1,075 |
| <i>Perak</i> | 25,959 | 24,982 | 353.4 | 1,179 |
| <i>Perlis</i> | 543 | 467 | 5.1 | 910 |
| <i>Pulau Pinang</i> | 3,746 | 3,561 | 59.9 | 1,402 |
| <i>Sabah</i> | 138,396 | 138,240 | 1,440.1 | 868 |
| <i>Sarawak</i> | 55,967 | 55,852 | 831.1 | 1,240 |
| <i>Selangor</i> | 17,277 | 16,391 | 248.7 | 1,264 |
| <i>Terengganu</i> | 11,400 | 11,158 | 135.6 | 1,013 |
| <i>Wilayah Persekutuan¹</i> | 237 | 225 | 2.7 | 1,000 |

Note: ¹ Includes Wilayah Persekutuan Kuala Lumpur, Labuan and Putrajaya



6. VALUE OF FIXED ASSETS

Value of fixed assets of agriculture sector in 2010 amounted to RM40,088.2 million. The biggest contributor is the crops sub-sector that is RM35,149.4 million or 87.7 per cent, followed by forestry & logging RM2,173.6 million (5.4%), livestock RM1,859.7 million (4.6%) and fisheries RM905.5 million (2.3%). Annual growth rate of fixed assets from 2005 to 2010 are shown in Table 6.1.

Table 6.1

Annual growth rate of the value of fixed assets in the agriculture sector, 2005 and 2010

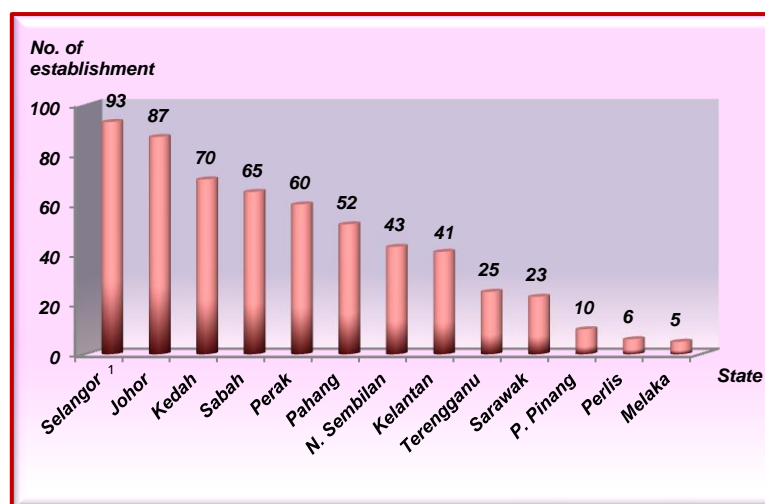
| Sub-sector | Value of fixed asset (RM million) | | Annual growth rate (%) |
|--------------------|--------------------------------------|-----------------|------------------------------|
| | 2005 | 2010 | |
| Crops | 34,091.1 | 35,149.4 | 0.6 |
| Livestock | 1,664.1 | 1,859.7 | 2.3 |
| Forestry & logging | 1,168.7 | 2,173.6 | 13.2 |
| Fisheries | 162.0 | 905.5 | 41.1 |
| Total | 37,085.9 | 40,088.2 | 1.6 |

7. WOMEN-OWNED ESTABLISHMENTS

Number of establishments owned by women in the agriculture sector recorded from Economic Census 2011 was 580 establishments or 6.6 per cent of 8,829 establishments. Most of the establishments owned by women are from the crops sub-sector of 440 establishments or 75.9 per cent, while the rest are from livestock sub-sector 66 establishments (11.4%), fisheries 56 establishments (9.6%) and forestry & logging 18 establishments (3.1%).

Chart 7.1

Number of women-owned establishments in the agriculture sector by state, 2010



Note: ¹ Includes Wilayah Persekutuan Kuala Lumpur

Six main states, which recorded the highest number of establishments owned by women are Selangor (93), Johor (87), Kedah (70), Sabah (65), Perak (60) and Pahang (52). These six states represent 73.6 per cent of women-owned establishments for the agriculture sector. Chart 7.1 shows the number of establishments owned by women in agriculture in 2010 by state.

BANCI EKONOMI - TERNAKAN **ECONOMIC CENSUS - LIVESTOCK**



SEKSYEN
SECTION **B**

RINGKASAN PENEMUAN
SUBSEKTOR TERNAKAN

SUMMARY FINDINGS OF THE
LIVESTOCK SUB-SECTOR

SUBSEKTOR TERNAKAN

1. PRESTASI KESELURUHAN

Jadual 1.1 merupakan perangkaan utama subsektor ternakan 2005 dan 2010 yang menunjukkan prestasi pertumbuhan tahunan yang positif. Nilai output kasar dan nilai ditambah meningkat masing-masing sebanyak RM3,464.6 juta dan RM867.5 juta dengan pertumbuhan tahunan 16.1 peratus dan 18.0 peratus. Guna tenaga dan gaji & upah subsektor ini turut menunjukkan trend pertumbuhan tahunan yang meningkat masing-masing sebanyak 7.1 peratus dan 12.7 peratus.

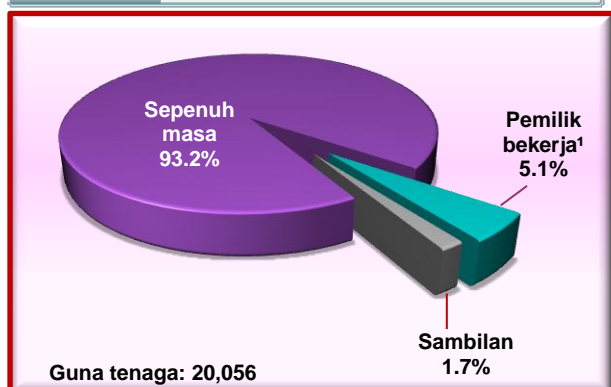
Jadual 1.1 Perangkaan utama subsektor ternakan, 2005 dan 2010

| Perangkaan utama | 2005 | 2010 | Kadar pertumbuhan tahunan (%) |
|-----------------------------------|---------|---------|-------------------------------|
| Pertubuhan (Bilangan) | 575 | 1,089 | 13.6 |
| Nilai output kasar (RM juta) | 3,126.9 | 6,591.5 | 16.1 |
| Nilai input perantaraan (RM juta) | 2,454.6 | 5,051.7 | 15.5 |
| Nilai ditambah (RM juta) | 672.3 | 1,539.8 | 18.0 |
| Guna tenaga (Bilangan) | 14,227 | 20,056 | 7.1 |
| Gaji & upah (RM juta) | 173.0 | 315.1 | 12.7 |
| Nilai harta tetap (RM juta) | 1,664.1 | 1,859.7 | 2.3 |

Jumlah guna tenaga yang terlibat dalam subsektor ternakan pada 2010 adalah 20,056 orang, yang mana 18,702 orang (93.2%) merupakan pekerja bergaji sepenuh masa, 1,017 orang (5.1%) adalah pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji, manakala 337 orang (1.7%) adalah pekerja bergaji sambilan seperti yang ditunjukkan dalam Carta 1.1. Pekerja lelaki menunjukkan peratusan yang lebih tinggi berbanding perempuan bagi ketiga-tiga kategori (Carta 1.2).

Carta 1.1

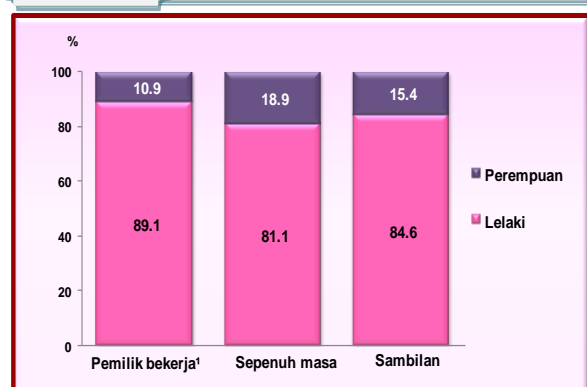
Peratus guna tenaga mengikut kategori, 2010



Nota: ¹ Termasuk rakan niaga yang aktif dan pekerja keluarga tidak bergaji

Carta 1.2

Peratus guna tenaga mengikut kategori dan jantina, 2010

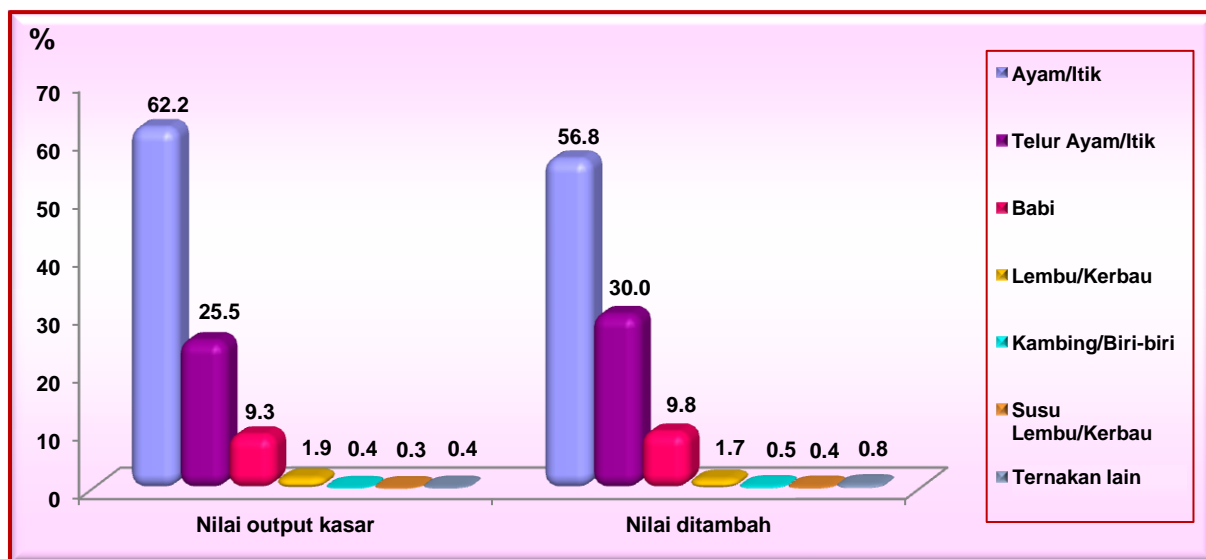


2. PRESTASI MENGIKUT INDUSTRI

Bilangan **pertubuhan** tertinggi dalam subsektor ternakan adalah industri penternakan ayam/itik iaitu 375 pertubuhan (34.4%), diikuti oleh penternakan lembu/kerbau 276 pertubuhan (25.3%), babi 127 (11.7%), kambing/biri-biri 116 (10.7%), pengeluaran telur ayam/itik 72 (6.6%) dan pengeluaran susu lembu/kerbau 32 (2.9%) [Jadual B1].

Carta 2.1

Peratus nilai output kasar dan nilai ditambah mengikut industri, 2010



Jumlah **nilai output kasar** dan **nilai ditambah** bagi subsektor ternakan masing-masing adalah RM6,591.5 juta dan RM1,539.8 juta (Jadual B1). Nilai output kasar tertinggi disumbangkan oleh penternakan ayam/itik iaitu RM4,099.6 juta (62.2%), diikuti pengeluaran telur ayam/itik RM1,682.1 juta (25.5%) dan penternakan babi RM612.9 juta (9.3%). Nilai ditambah juga menunjukkan penternakan ayam/itik adalah penyumbang tertinggi iaitu RM874.3 juta (56.8%), diikuti pengeluaran telur ayam/itik RM462.5 juta (30.0%) dan penternakan babi RM150.7 juta (9.8%) [Carta 2.1].

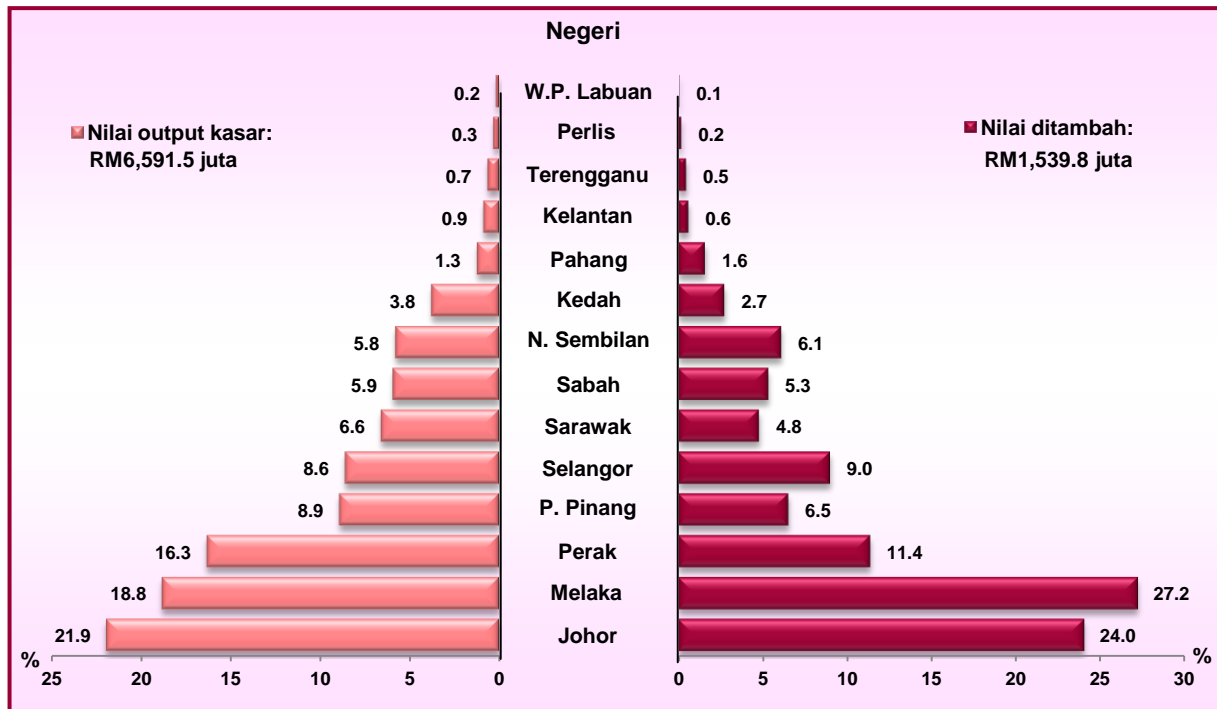
3. PRESTASI MENGIKUT NEGERI

Daripada 1,089 **pertubuhan** yang beroperasi, lebih separuh daripadanya adalah terletak di Perak (17.2%), Johor (16.7%), Selangor (11.7%) dan Pahang (10.2%) [Jadual B2].

Johor merupakan penyumbang terbesar bagi **nilai output kasar** iaitu RM1,445.1 juta (21.9%), diikuti Melaka RM1,239.9 juta (18.8%) dan Perak RM1,075.6 juta (16.3%) manakala Wilayah Persekutuan Labuan mencatatkan nilai terendah iaitu RM12.0 juta (0.2%). **Nilai ditambah** pula menunjukkan corak yang berbeza di mana Melaka mencatatkan 27.2 peratus, diikuti Johor dan Perak masing-masing 24.0 peratus dan 11.4 peratus (Carta 3.1).

Carta 3.1

Peratus nilai output kasar dan nilai ditambah mengikut negeri, 2010



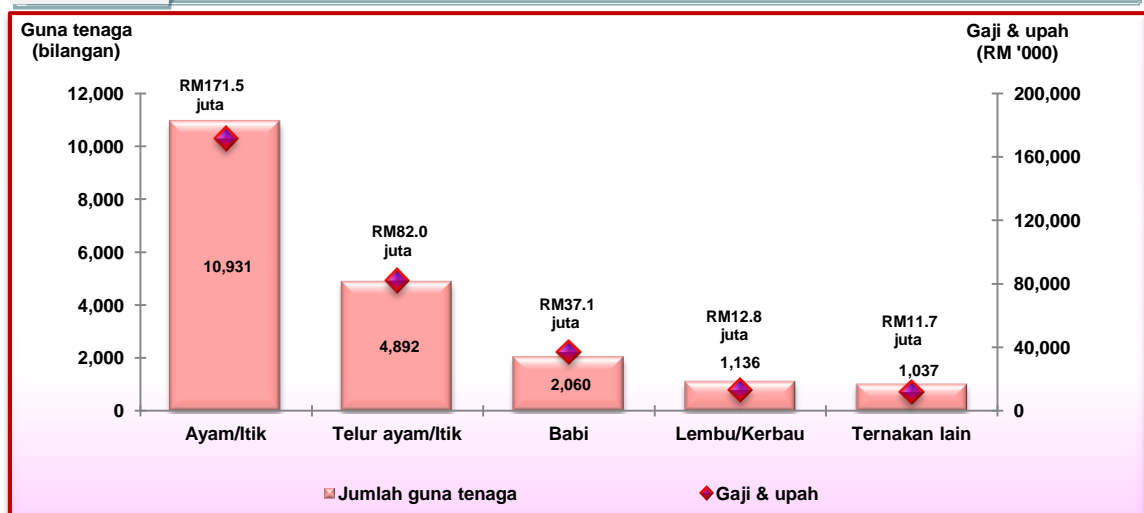
4. GUNA TENAGA DAN GAJI & UPAH

4.1 Mengikut industri

Jumlah guna tenaga bagi subsektor ternakan adalah seramai 20,056 orang. Penternakan ayam/itik mencatatkan bilangan guna tenaga tertinggi 10,931 orang (54.5%), diikuti pengeluaran telur ayam/itik seramai 4,892 orang (24.4%), penternakan babi 2,060 orang (10.3%), penternakan lembu/kerbau 1,136 orang (5.7%) dan ternakan lain 1,037 orang (5.1%).

Carta 4.1

Guna tenaga dan gaji & upah mengikut industri, 2010



Bayaran gaji & upah bagi keseluruhan subsektor ternakan adalah RM315.1 juta. Jumlah gaji & upah bagi penternakan ayam/itik adalah RM171.5 juta (54.4%), diikuti oleh pengeluaran telur ayam/itik RM82.0 juta (26.0%), penternakan babi RM37.1 juta (11.8%), penternakan lembu/kerbau dan ternakan lain masing-masing RM12.8 juta (4.1%) dan RM11.7 juta (3.7%) [Carta 4.1].

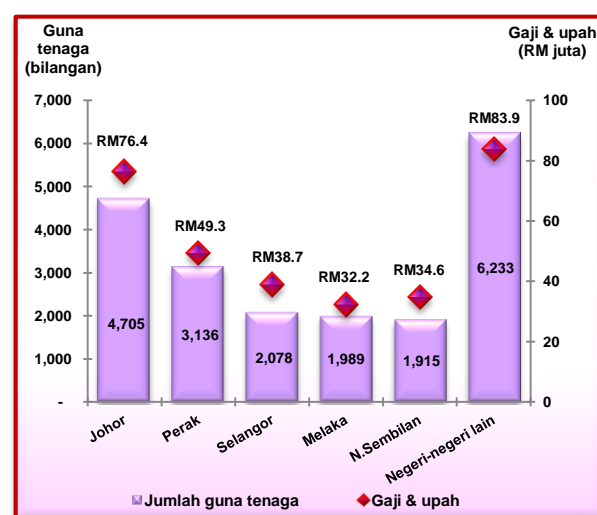
Purata gaji & upah bagi keseluruhan subsektor ternakan adalah RM1,379.1 sebulan. Penternakan babi mencatatkan purata gaji & upah tertinggi iaitu RM1,599.1, diikuti pengeluaran telur ayam/itik RM1,414.3, penternakan ayam/itik RM1,347.7 dan penternakan lembu/kerbau RM1,218.6 (Jadual B10).

4.2 Mengikut negeri

Johor mencatatkan guna tenaga tertinggi seramai 4,705 orang (23.5%), diikuti oleh Perak 3,136 orang (15.6%), Selangor 2,078 orang (10.4%), Melaka 1,989 orang (9.9%) dan Negeri Sembilan 1,915 orang (9.5%).

Bayaran gaji & upah tertinggi dicatatkan di Johor RM76.4 juta, Perak RM49.3 juta, Selangor RM38.7 juta, Melaka RM32.2 juta dan Negeri Sembilan RM34.6 juta. Kelima-lima negeri ini mencatatkan hampir tiga perempat (73.4%) daripada keseluruhan bayaran gaji & upah (Carta 4.2).

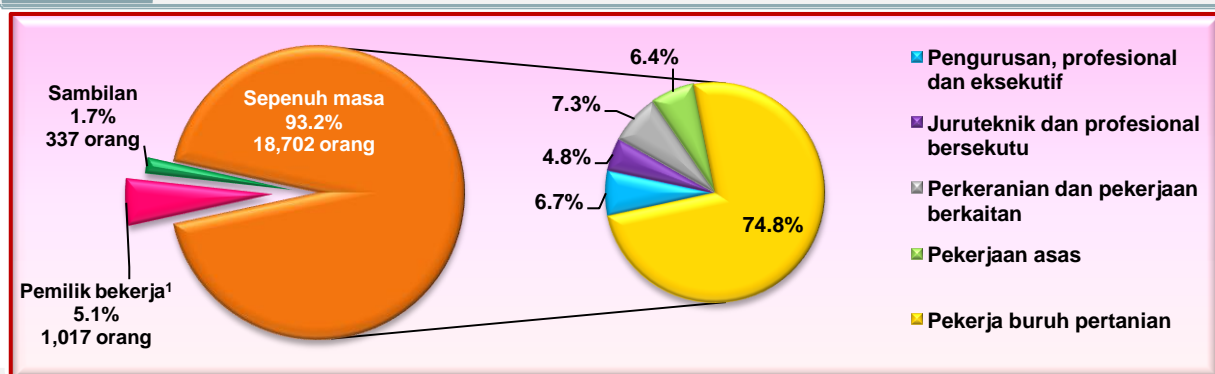
Carta 4.2 Guna tenaga dan gaji & upah mengikut negeri, 2010



4.3 Mengikut kategori pekerja

Pekerja sepenuh masa dalam subsektor ternakan adalah seramai 18,702 orang (93.2%), pekerja sambilan 337 orang (1.7%) dan pemilik bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji 1,017 orang (5.1%). Hampir tiga perempat daripada pekerja sepenuh masa adalah pekerja buruh pertanian iaitu 13,981 orang (74.8%) [Carta 4.3].

Carta 4.3 Peratus guna tenaga mengikut kategori pekerja, 2010



Nota: ¹ Termasuk rakan niaga yang aktif dan pekerja keluarga tidak bergaji

Jumlah gaji & upah yang dibayar bagi pekerja kategori buruh pertanian adalah sebanyak RM166.0 juta iaitu 52.7 peratus daripada keseluruhan gaji & upah dalam subsektor ternakan. Namun begitu, purata gaji & upah bulanan yang diterima oleh pekerja kategori ini hanyalah sebanyak RM989.4 berbanding kategori lain (Jadual 4.1).

Jadual 4.1

Purata gaji & upah mengikut kategori pekerja sepenuh masa, 2010

| Kategori pekerja | Pekerja Sepenuh masa | Gaji & upah (RM'000) | Purata gaji & upah (RM) |
|---------------------------------------|----------------------|----------------------|-------------------------|
| Jumlah | 18,702 | 313,179 | 1,395.5 |
| Pengurusan, profesional dan eksekutif | 1,243 | 79,199 | 5,309.7 |
| Juruteknik dan profesional bersekutu | 907 | 25,128 | 2,308.7 |
| Perkeranian dan pekerjaan berkaitan | 1,369 | 25,520 | 2,074.8 |
| Pekerjaan asas | 1,202 | 17,345 | 1,202.5 |
| Pekerja buruh pertanian | 13,981 | 165,987 | 989.4 |

4.4 Mengikut saiz pekerja

Bagi saiz pekerja kurang daripada lima orang, bilangan pertubuhan yang direkodkan adalah 559 dengan jumlah guna tenaga seramai 1,242 orang. Nilai output kasar yang disumbangkan adalah sebanyak RM133.4 juta (2.0%). Sementara itu, 91 pertubuhan yang mempunyai saiz pekerja 50 dan lebih, telah menyumbang nilai output kasar tertinggi iaitu RM3,897.7 juta (59.1%) [Jadual 4.2].

Jadual 4.2

Bilangan pertubuhan, nilai output kasar dan guna tenaga mengikut saiz pekerja, 2010

| Saiz pekerja | Bilangan pertubuhan | | Nilai output kasar | | Jumlah guna tenaga | |
|---------------|---------------------|--------------|--------------------|--------------|--------------------|--------------|
| | Bilangan | % | RM juta | % | Bilangan | % |
| Jumlah | 1,089 | 100.0 | 6,591.5 | 100.0 | 20,056 | 100.0 |
| < 5 | 559 | 51.3 | 133.4 | 2.0 | 1,242 | 6.2 |
| 5-19 | 346 | 31.8 | 1,106.0 | 16.8 | 3,179 | 15.9 |
| 20-49 | 93 | 8.5 | 1,454.4 | 22.1 | 2,914 | 14.5 |
| ≥ 50 | 91 | 8.4 | 3,897.7 | 59.1 | 12,721 | 63.4 |

4.5 Mengikut kewarganegaraan

Secara keseluruhan, semua industri menggaji lebih ramai pekerja warganegara berbanding bukan warganegara. Walau bagaimanapun, pekerja bukan warganegara dilihat tertumpu kepada penternakan ayam/itik, pengeluaran telur ayam/itik dan penternakan babi (Jadual 4.3).

Jadual 4.3

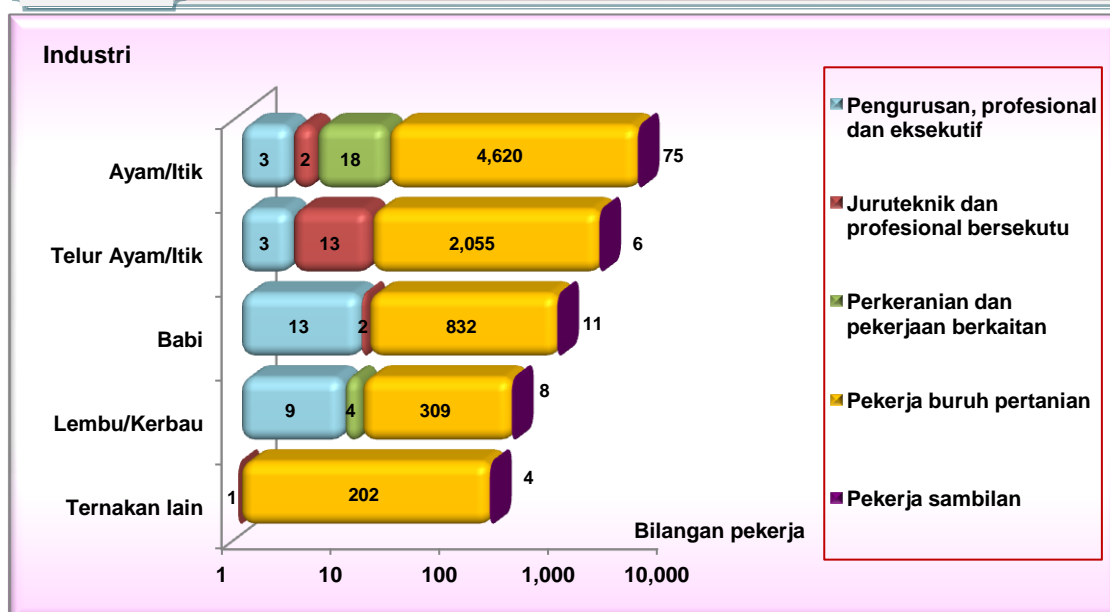
Guna tenaga mengikut kewarganegaraan dan industri, 2010

| Industri | Kewarganegaraan | | | | |
|-----------------|-----------------|---------------|-------------|-------------------|-------------|
| | Jumlah | Warganegara | % | Bukan warganegara | % |
| Jumlah | 20,056 | 11,866 | 59.2 | 8,190 | 40.8 |
| Ayam/itik | 10,931 | 6,213 | 56.8 | 4,718 | 43.2 |
| Telur Ayam/itik | 4,892 | 2,815 | 57.5 | 2,077 | 42.5 |
| Babi | 2,060 | 1,202 | 58.3 | 858 | 41.7 |
| Lembu/Kerbau | 1,136 | 806 | 71.0 | 330 | 29.0 |
| Ternakan lain | 1,037 | 830 | 80.0 | 207 | 20.0 |

Carta 4.4 menunjukkan pekerja bukan warganegara mengikut industri dan kategori pekerja. Pekerja bukan warganegara paling ramai berada di bawah kategori pekerja buruh pertanian.

Carta 4.4

Pekerja bukan warganegara mengikut kategori dan industri, 2010

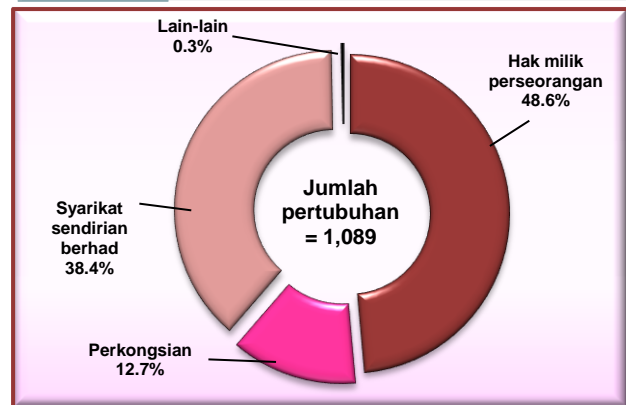


5. TARAF SAH

Terdapat 529 pertubuhan (48.6%) Hak milik perseorangan yang beroperasi dalam subsektor ternakan pada 2010. Sebanyak 38.4 peratus merupakan Syarikat sendirian berhad, 12.7 peratus Perkongsian dan Lain-lain yang meliputi Syarikat awam berhad, Syarikat koperasi dan Perbadanan awam 0.3 peratus (Carta 5.1).

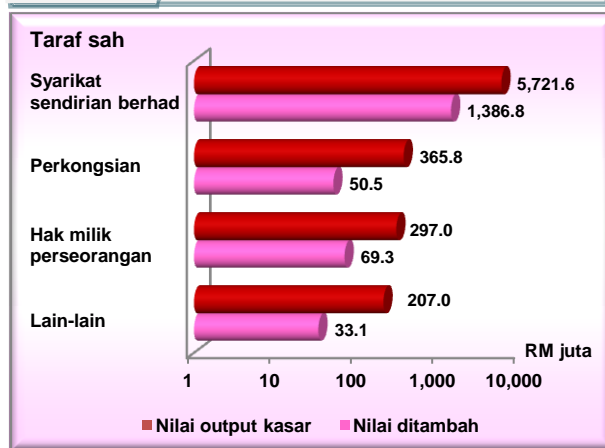
Carta 5.1

Peratus pertubuhan mengikut taraf sah, 2010



Carta 5.2

Nilai output kasar dan nilai ditambah mengikut taraf sah, 2010



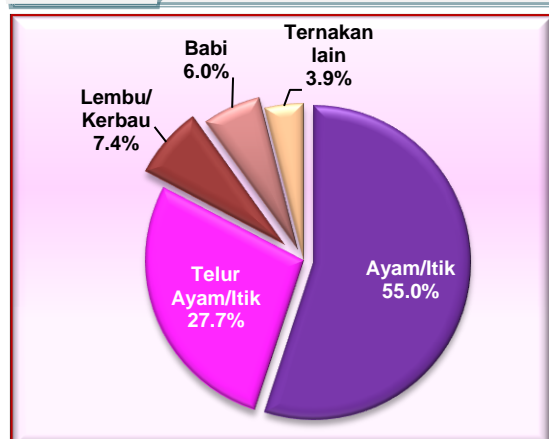
Nilai output kasar dan nilai ditambah yang dihasilkan oleh Syarikat sendirian berhad merupakan yang tertinggi iaitu masing-masing berjumlah RM5,721.6 juta dan RM1,386.8 juta. Ini diikuti oleh Perkongsian dengan nilai output kasar sebanyak RM365.8 juta dan RM50.5 juta bagi nilai ditambah (Carta 5.2).

6. NILAI HARTA TETAP

Subsektor ternakan mencatatkan nilai harta tetap sebanyak RM1,859.7 juta yang mana penternakan ayam/itik memiliki nilai harta tetap terbesar berjumlah RM1,023.5 juta (55.0%), diikuti pengeluaran telur ayam/itik RM514.8 juta (27.7%), penternakan lembu/kerbau RM137.6 juta (7.4%), penternakan babi RM111.3 juta (6.0%) dan selebihnya daripada ternakan lain RM72.5 juta (3.9%) [Carta 6.1].

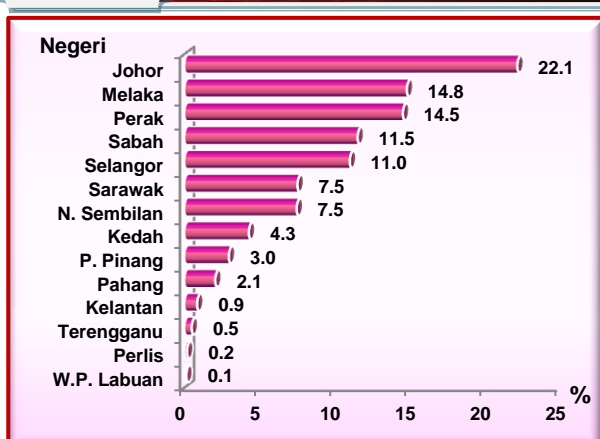
Carta 6.1

Peratus nilai harta tetap mengikut industri, 2010



Carta 6.2

Peratus nilai harta tetap mengikut negeri, 2010



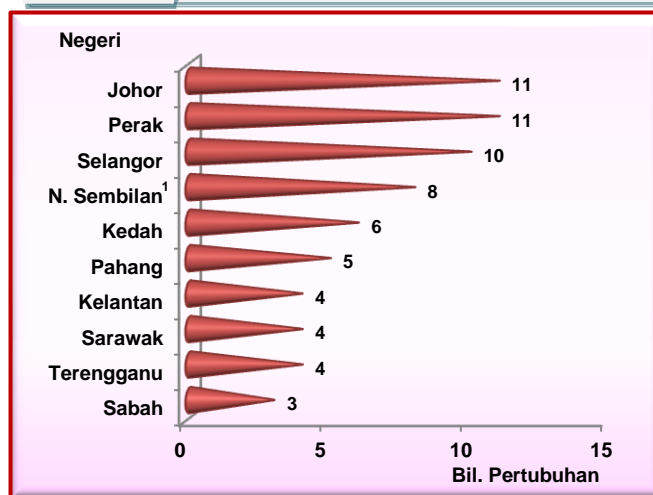
Nilai harta tetap mengikut negeri menunjukkan Johor memiliki harta tetap terbesar iaitu RM411.7 juta (22.1%), diikuti Melaka RM275.2 juta (14.8%), Perak RM270.2 juta (14.5%), Sabah RM214.3 juta (11.5%) dan Selangor RM204.6 juta (11.0%). Kelima-lima negeri ini menyumbang hampir tiga perempat daripada keseluruhan nilai harta tetap bagi subsektor ternakan (Carta 6.2).

7. PERTUBUHAN MILIKAN WANITA

Pertubuhan milikan wanita dalam subsektor ternakan hanya 66 pertubuhan (6.1%) daripada keseluruhan pertubuhan yang beroperasi pada 2010. Johor dan Perak mempunyai bilangan yang tertinggi iaitu masing-masing sebanyak 16.7 peratus, diikuti oleh Selangor 15.1 peratus. Lain-lain negeri merekodkan sebanyak 51.5 peratus pertubuhan milikan wanita (Carta 7.1).

Carta 7.1

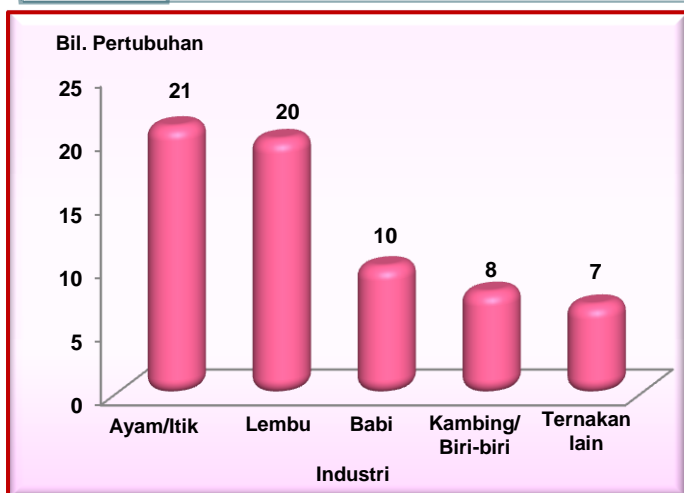
Bilangan pertubuhan milikan wanita mengikut negeri, 2010



Nota: ¹ Termasuk Melaka

Carta 7.2

Bilangan pertubuhan milikan wanita mengikut industri, 2010



Pertubuhan milikan wanita dalam penternakan ayam/itik mencatatkan 21 pertubuhan, penternakan lembu 20 pertubuhan, penternakan babi 10 pertubuhan dan penternakan kambing/biri-biri lapan pertubuhan dan ternakan lain tujuh pertubuhan (Carta 7.2).



LIVESTOCK SUB-SECTOR

1. OVERALL PERFORMANCE

Table 1.1 shows principal statistics of livestock sub-sector for 2005 and 2010 which portrays positive annual growth. Both the value of gross output and value added showed an increase of RM3,464.6 million and RM867.5 million with an annual growth of 16.1 per cent and 18.0 per cent respectively. Employment and salaries & wages for this sub-sector showed an increasing annual growth trend of 7.1 per cent and 12.7 per cent respectively.

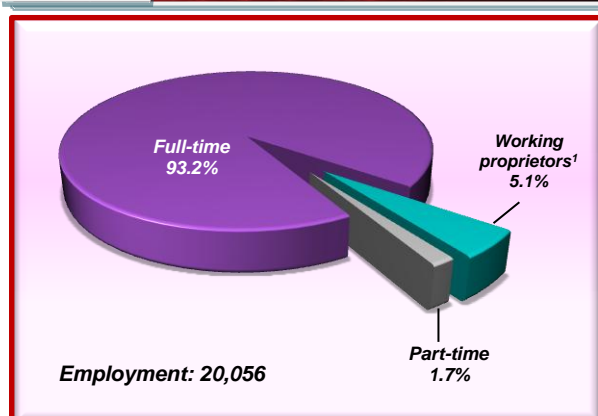
Table 1.1 Principal statistics for livestock sub-sector, 2005 and 2010

| Principal statistics | 2005 | 2010 | Annual growth rate (%) |
|--|---------|---------|------------------------|
| Establishment (Number) | 575 | 1,089 | 13.6 |
| Value of gross output (RM million) | 3,126.9 | 6,591.5 | 16.1 |
| Value of intermediate input (RM million) | 2,454.6 | 5,051.7 | 15.5 |
| Value added (RM million) | 672.3 | 1,539.8 | 18.0 |
| Employment (Number) | 14,227 | 20,056 | 7.1 |
| Salaries & wages (RM million) | 173.0 | 315.1 | 12.7 |
| Value of fixed assets (RM million) | 1,664.1 | 1,859.7 | 2.3 |

The total employment of the livestock sub-sector in 2010 was 20,056 persons, of which 18,702 persons (93.2%) were full-time paid employees, 1,017 persons (5.1%) were working proprietors, active business partners & unpaid family workers and 337 persons (1.7%) were part-time paid employees as shown in Chart 1.1. The male worker showed higher percentage compared to women in all the three categories of workers (Chart 1.2).

Chart 1.1

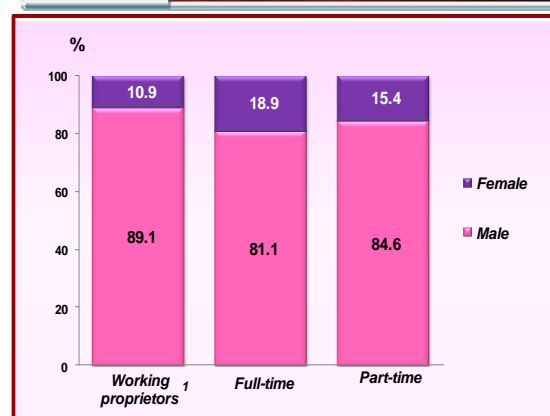
Percentage of employment by category, 2010



Note: ¹ Includes active business partners and unpaid family workers

Chart 1.2

Percentage of employment by category and gender, 2010



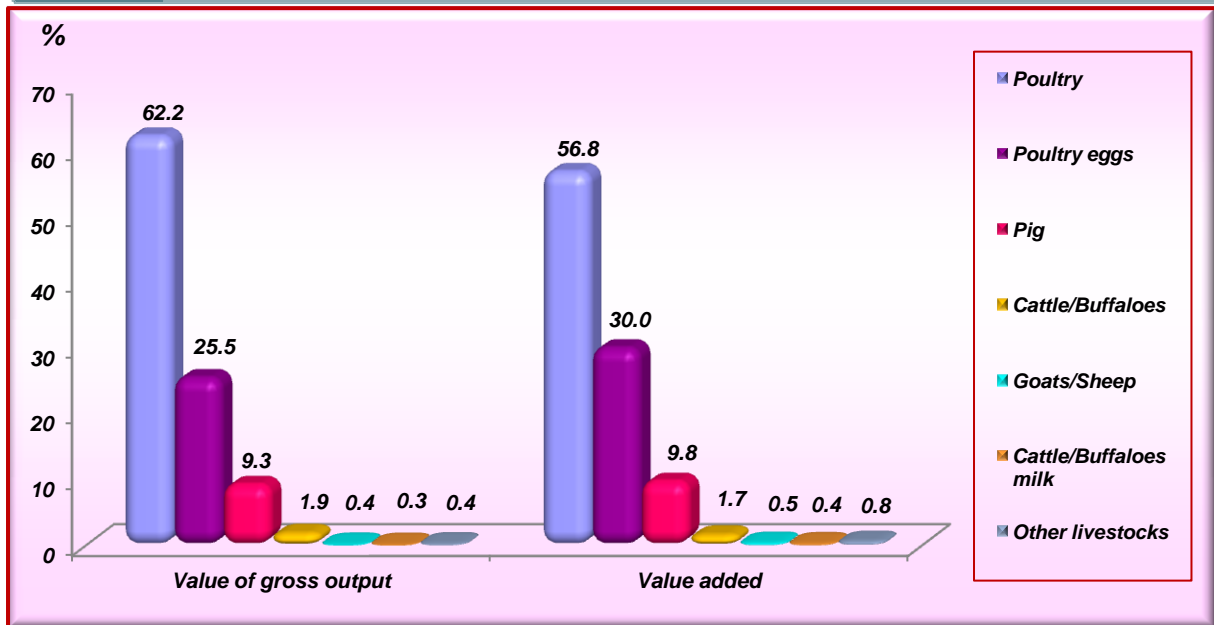


2. PERFORMANCE BY INDUSTRY

The highest number of **establishments** in livestock sub-sector was in poultry farming industry with 375 establishments (34.4%), followed by cattle/buffaloes 276 (25.3%), pigs 127 (11.7%), goats/sheep 116 (10.7%), production of poultry eggs 72 (6.6%) and production of cattle/buffaloes milk 32 (2.9%) [Table B1].

Chart 2.1

Percentage value of gross output and value added by industry, 2010



The total **value of gross output** and **value added** for the livestock sub-sector were RM6,591.5 million and RM1,539.8 million respectively (Table B1). The highest value of gross output was contributed by poultry farming with RM4,099.6 million (62.2%), followed by production of poultry eggs RM1,682.1 million (25.5%) and pig farming RM612.9 million (9.3%). The value added also showed that poultry farming was the main contributor with RM874.3 million (56.8%), production of poultry eggs RM462.5 million (30.0%) and pig farming RM150.7 million (9.8%) [Chart 2.1].

3. PERFORMANCE BY STATE

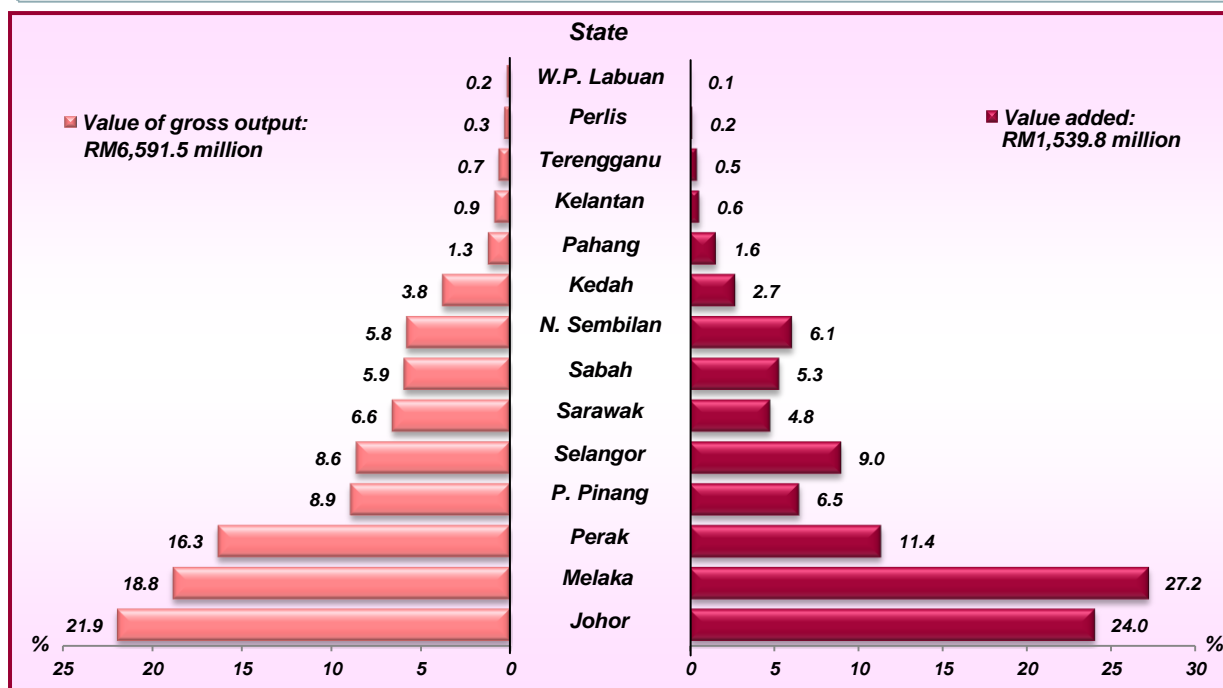
More than half of the 1,089 operating **establishments**, were located in Perak (17.2%), Johor (16.7%), Selangor (11.7%) and Pahang (10.2%) [Table B2].

Johor was the largest contributor to **value of gross output** with RM1,445.1 million (21.9%) followed by Melaka RM1,239.9 million (18.8%) and Perak RM1,075.6 million (16.3%), while Wilayah Persekutuan Labuan recorded the lowest with RM12.0 million (0.2%). The **value added** showed a different pattern where Melaka accounted for 27.2 per cent, followed by Johor and Perak with 24.0 per cent and 11.4 per cent respectively (Chart 3.1).



Chart 3.1

Percentage of value of gross output and value added by states, 2010



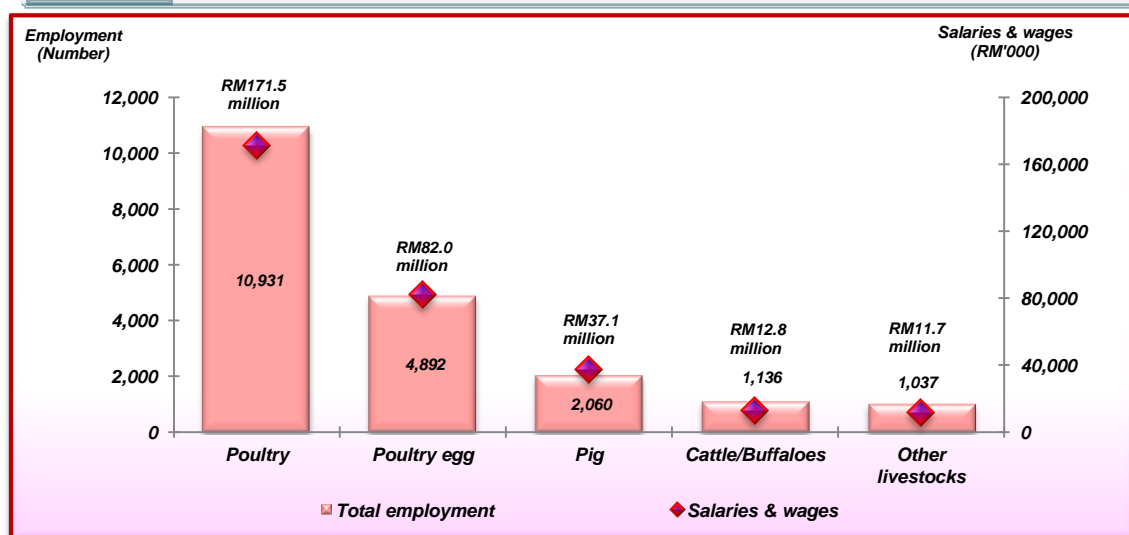
4. EMPLOYMENT AND SALARIES & WAGES

4.1 By industry

Total employment of the livestock sub-sector was 20,056 persons. Poultry farming recorded the highest number with 10,931 persons (54.5%), followed by the production of poultry eggs with 4,892 persons (24.4%), pig farming 2,060 persons (10.3%), cattle/buffaloes farming 1,136 persons (5.7%) and other livestocks 1,037 persons (5.1%).

Chart 4.1

Employment and salaries & wages by industry, 2010





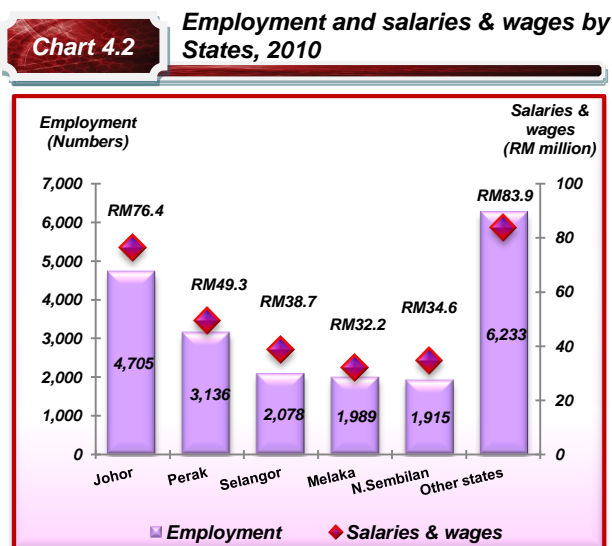
The salaries & wages paid by the livestock sub-sector was RM315.1 million. Total salaries & wages for poultry farming was RM171.5 million (54.4%), followed by production of poultry eggs RM82.0 million (26.0%), pig farming RM37.1 million (11.8%), cattle/buffaloes farming and other livestock RM12.8 million (4.1%) and RM11.7 million (3.7%) respectively (Chart 4.1).

The average salaries & wages for overall livestock sub-sector was RM1,379.1 per month. Pig farming recorded the highest average salaries & wages with RM1,599.1, followed by the production of poultry eggs RM1,414.3, poultry farming RM1,347.7 and cattle/buffaloes farming RM1,218.6 (Table B10).

4.2 By states

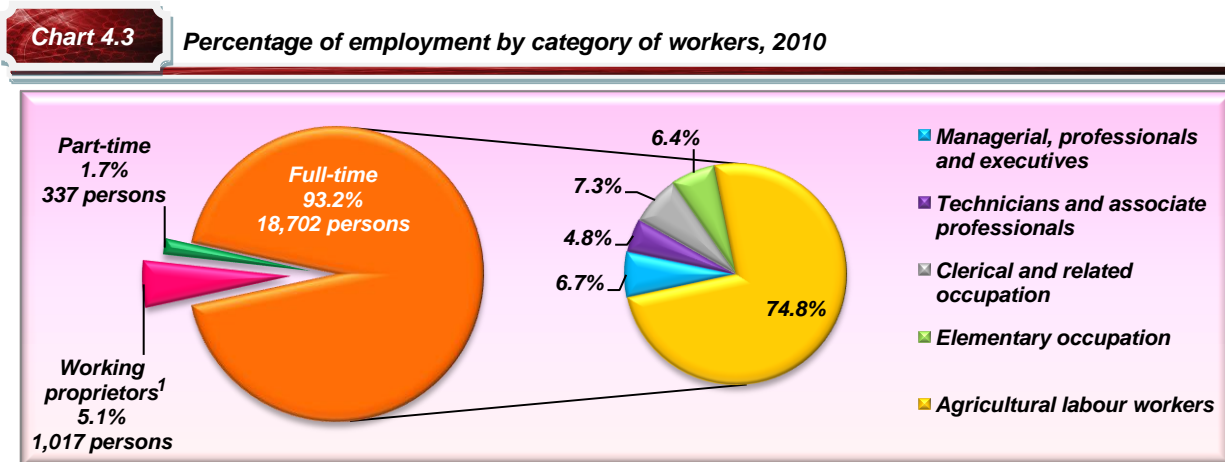
Johor recorded the highest number of employment with 4,705 persons (23.5%), followed by Perak 3,136 persons (15.6%), Selangor 2,078 persons (10.4%), Melaka 1,989 persons (9.9%) and Negeri Sembilan 1,915 persons (9.5%).

The highest salaries & wages paid recorded in Johor RM76.4 million, Perak RM49.3 million, Selangor RM38.7 million, Melaka RM32.2 million and Negeri Sembilan RM34.6 million. These five states recorded almost three-quarters (73.4%) of total salaries & wages (Chart 4.2).



4.3 By category of workers

Full-time employee in the livestock sub-sector was 18,702 persons (93.2%), part-time employee 337 persons (1.7%) and working proprietors, active business partner and unpaid family workers 1,017 persons (5.1%). Almost three-quarter of the full-time employee was agricultural labour workers accounting for 13,981 persons (74.8%) [Chart 4.3].



Note: ¹ Includes active business partners and unpaid family workers



Total salaries & wages paid for agricultural labour workers was RM166.0 million with 52.7 per cent from overall salaries & wages in the livestock sub-sector. However, the average monthly salaries & wages received by employees of this category was only RM989.4 compared to other categories (Table 4.1).

Table 4.1 Average salaries & wages by category of full-time employees, 2010

| Category of workers | Full-time employee | Salaries & wages (RM'000) | Average salaries & wages (RM) |
|---|--------------------|---------------------------|-------------------------------|
| Total | 18,702 | 313,179 | 1,395.5 |
| <i>Managerial, professionals and executives</i> | 1,243 | 79,199 | 5,309.7 |
| <i>Technicians and associate professionals</i> | 907 | 25,128 | 2,308.7 |
| <i>Clerical and related occupation</i> | 1,369 | 25,520 | 2,074.8 |
| <i>Elementary occupation</i> | 1,202 | 17,345 | 1,202.5 |
| <i>Agricultural labour workers</i> | 13,981 | 165,987 | 989.4 |

4.4 By employment size

For employment size less than five persons, the number of establishments recorded was 559 with a total employment of 1,242 persons. Value of gross output contributed was RM133.4 million (2.0%). Meanwhile, 91 establishments with employment size 50 and more, contributed the highest value of gross output with RM3,897.7 million (59.1%) [Table 4.2].

Table 4.2 Number of establishments, value of gross output and employment by employment size, 2010

| Employment size | Number of establishments | | Value of gross output | | Number of Employment | |
|-----------------|--------------------------|--------------|-----------------------|--------------|----------------------|--------------|
| | Number | % | RM Million | % | Number | % |
| Total | 1,089 | 100.0 | 6,591.5 | 100.0 | 20,056 | 100.0 |
| < 5 | 559 | 51.3 | 133.4 | 2.0 | 1,242 | 6.2 |
| 5-19 | 346 | 31.8 | 1,106.0 | 16.8 | 3,179 | 15.9 |
| 20-49 | 93 | 8.5 | 1,454.4 | 22.1 | 2,914 | 14.5 |
| ≥ 50 | 91 | 8.4 | 3,897.7 | 59.1 | 12,721 | 63.4 |

4.5 By citizenship

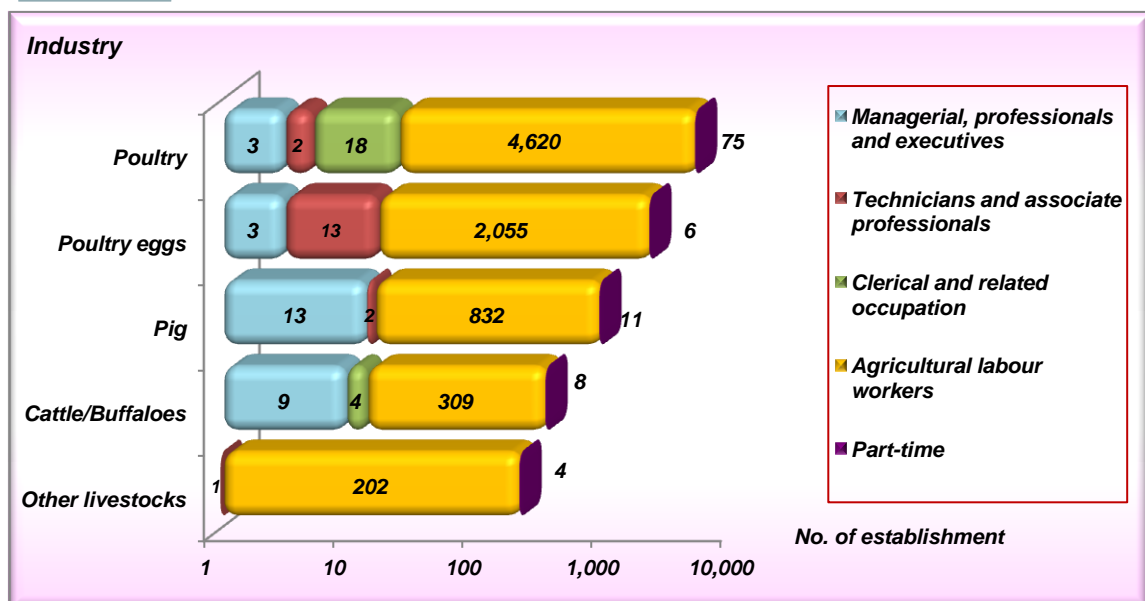
Overall, all industry employed higher citizen employees compared to non-citizen employees. However, non-citizen employees focused more to poultry farming, production of poultry eggs and pig farming (Table 4.3).

Table 4.3 Employment by citizenship and industry, 2010

| Industry | Total | Citizenship | | | |
|---------------------------|---------------|---------------|-------------|--------------|-------------|
| | | Citizens | % | Non-Citizens | % |
| Total | 20,056 | 11,866 | 59.2 | 8,190 | 40.8 |
| Poultry | 10,931 | 6,213 | 56.8 | 4,718 | 43.2 |
| Poultry eggs | 4,892 | 2,815 | 57.5 | 2,077 | 42.5 |
| Pig | 2,060 | 1,202 | 58.3 | 858 | 41.7 |
| Cattle/Bufferaloes | 1,136 | 806 | 71.0 | 330 | 29.0 |
| Other livestock | 1,037 | 830 | 80.0 | 207 | 20.0 |

Chart 4.4 shows non-citizen employees by industry and category of worker. The majority of the non-citizen employees were from the agricultural labour workers category.

Chart 4.4 Non-citizen employees by category and industry, 2010





5. LEGAL ORGANISATION

There were 529 Individual proprietorship establishments (48.6%) in the livestock sub-sector in 2010. A total of 38.4 per cent were Private limited company, 12.7 per cent Partnership and Others which constituted 0.3 per cent were made up of Public limited company, Cooperative and Public corporation (Chart 5.1).

Chart 5.1

Percentage of establishments by legal organisation, 2010

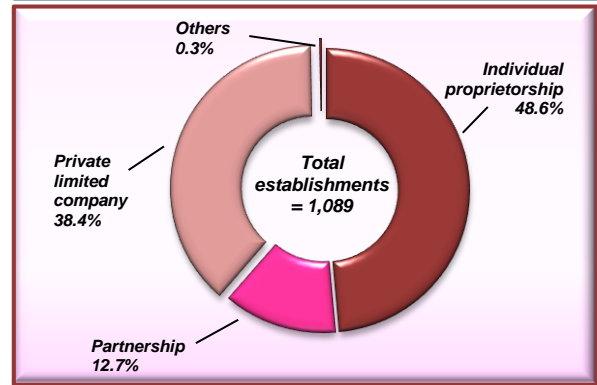
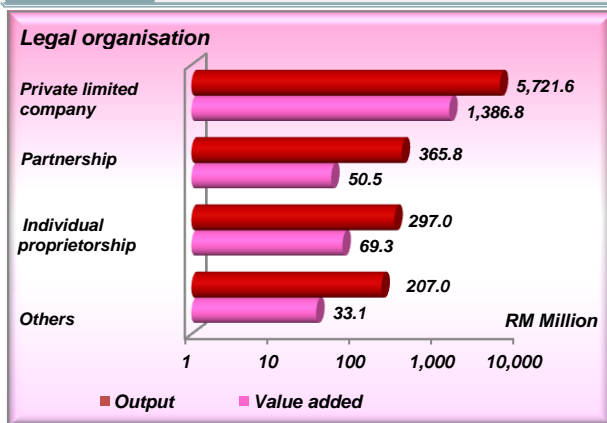


Chart 5.2

Value of gross output and value added by legal organisation, 2010



The value of gross output and value added generated by the Private limited company was the highest, amounting to RM5,721.6 million and RM1,386.8 million respectively. This was followed by Partnership with value of gross output RM365.8 million and RM50.5 million for value added (Chart 5.2).

6. VALUE OF FIXED ASSETS

The livestock sub-sector recorded the value of fixed assets amounted to RM1,859.7 million of which poultry farming owned the largest fixed asset amounting to RM1,023.5 million (55.0%), followed by the production of poultry eggs RM514.8 million (27.7%), cattle/buffaloes farming RM137.6 million (7.4%), pig farming RM111.3 million (6.0%) and the rest from other livestock RM72.5 million (3.9%) [Chart 6.1].

Chart 6.1

Percentage value of fixed assets by industry, 2010

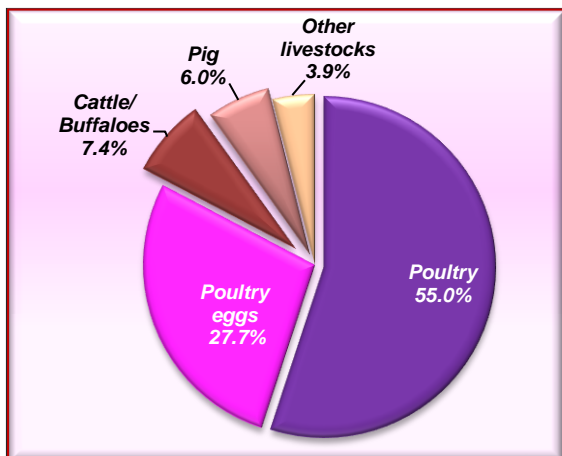
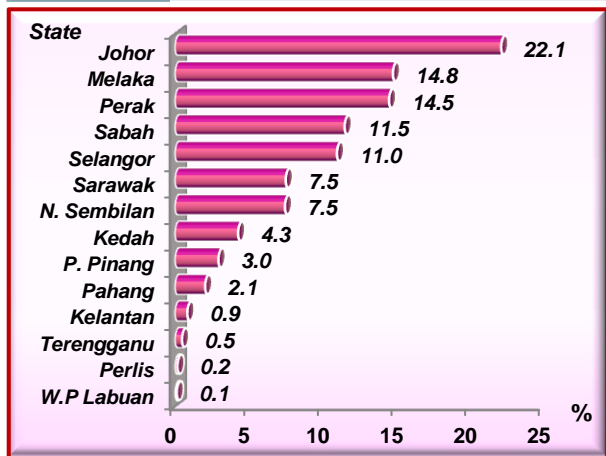


Chart 6.2

Percentage value of fixed assets by state, 2010





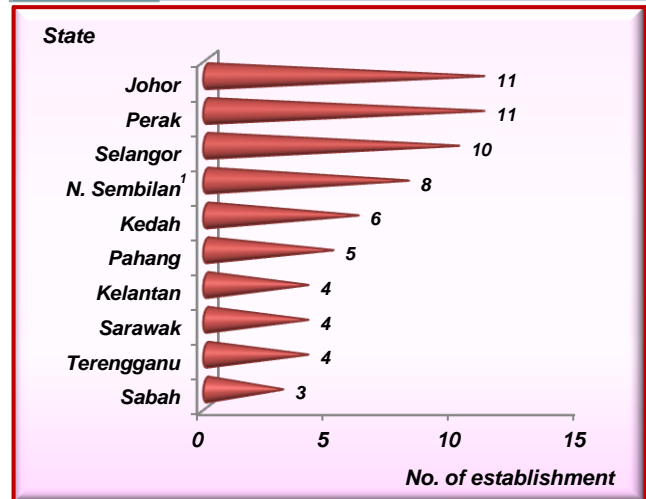
The value of fixed assets by state showed that Johor owned the largest fixed assets with RM411.7 million (22.1%), followed by Melaka RM275.2 million (14.8%), Perak RM270.2 million (14.5%), Sabah RM214.3 million (11.5%) and Selangor RM204.6 million (11.0%). These five states contributed almost three-quarters from the total value of fixed assets for the livestock sub-sector (Chart 6.2).

7. WOMEN-OWNED ESTABLISHMENTS

Women-owned establishments in livestock sub-sector covered only 66 establishments (6.1%) from the total establishments that operated in 2010. Johor and Perak have the highest number with 16.7 per cent respectively, followed by Selangor 15.1 per cent. The remaining states recorded 51.5 per cent of women-owned establishments (Chart 7.1).

Chart 7.1

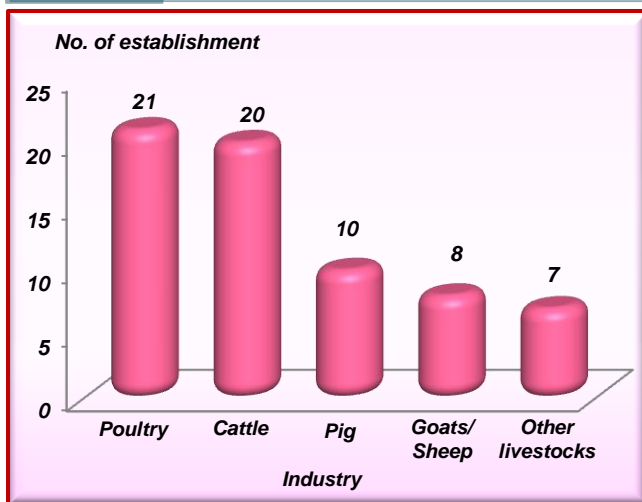
Number of women-owned establishments by state, 2010



Note: ¹ Include Melaka

Chart 7.2

Number of women-owned establishments by industry, 2010



Women-owned establishments in poultry farming recorded 21 establishments, cattle farming 20 establishments, pig farming 10 establishments, goats/sheep farming eight establishments and other livestock farming seven establishments (Chart 7.2).

BANCI EKONOMI - TERNAKAN **ECONOMIC CENSUS - LIVESTOCK**



NOTA TEKNIKAL *TECHNICAL NOTES*



- 1. Pendahuluan**

Laporan ini memuatkan data berkaitan sektor pertanian secara amnya dan subsektor ternakan secara khususnya bagi tahun rujukan 2010. Data tersebut dikumpul dan disusun daripada Banci Ekonomi yang dilaksanakan pada tahun 2011.
- 2. Objektif**

Objektif utama banci adalah untuk mengumpul maklumat tentang pertumbuhan, sumbangan, komposisi dan taburan sektor pertanian secara amnya dan subsektor ternakan secara khususnya bagi membantu kerajaan dalam perancangan pembangunan dan penggubalan dasar. Data yang diperoleh boleh digunakan sebagai penanda aras dan digunakan dalam penyusunan akaun negara, jadual input-output serta kajian tertentu. Maklumat tersebut juga digunakan oleh penggubal dasar, ahli ekonomi, perancang dan ahli akademik bagi tujuan unjuran dan analisis ekonomi.
- 3. Kuasa perundangan**

Banci ini dilaksanakan di bawah **Akta Perangkaan 1965 (Disemak-1989)**. Seksyen 5 di bawah Akta ini menghendaki mana-mana pertubuhan yang beroperasi di Malaysia untuk memberikan maklumat sebenar atau anggaran terbaik kepada Jabatan. Mengikut Akta ini, kandungan soal selidik yang diterima adalah sulit dan hanya angka agregat diterbitkan.
- 4. Skop dan liputan**

Meliputi semua pertubuhan yang terlibat dalam sektor pertanian yang berdaftar dengan Suruhanjaya Syarikat Malaysia (SSM – ROB & ROC), Pihak Berkuasa Tempatan (PBT), *Registrar of Societies* (ROS) dan Suruhanjaya Koperasi Malaysia (SKM). Dalam banci ini, usahawan dalam sektor pertanian yang hanya mendaftar dengan Kementerian Pertanian dan Industri Asas Tani atau agensi-agensi kerajaan yang lain bagi maksud menerima bantuan **TIDAK** diliputi.

Keseluruhan liputan banci sektor pertanian terdiri daripada 136 industri di peringkat 5-digit. Sebanyak 27 industri diliputi dalam subsektor ternakan. Industri ini dikelaskan mengikut Piawai Klasifikasi Industri Malaysia (MSIC), 2008. Senarai lengkap industri yang diliputi ditunjukkan di Lampiran **(Muka surat 95)**.
- 5. Rangka (sumber)**

Sumber maklumat utama rangka pertubuhan diperoleh daripada SSM, PBT, ROS dan SKM. Maklumat rangka banci juga dikemaskini daripada sumber seperti Jabatan/agensi di bawah Kementerian



Pertanian dan Industri Asas Tani, Jabatan Perkhidmatan Veterinar Malaysia dan pelbagai persatuan perniagaan dan perdagangan, iklan surat khabar serta laman web. Rangka dikemas kini setiap tahun untuk mengambil kira pertubuhan baru dan sebarang perubahan dalam status pertubuhan seperti tutup, tidak beroperasi, perubahan jenis aktiviti atau alamat pos.

6. Metodologi

Banci ini dijalankan secara mel menggunakan soal selidik. Responden diberi tempoh satu bulan untuk melengkap dan mengembalikan soal selidik tersebut kepada Jabatan ini. Selepas tempoh tersebut, kerja luar dijalankan untuk mendapatkan borang lengkap daripada pertubuhan yang tidak respons.

7. Unit pelapor

Unit pelapor bagi banci ini ialah **pertubuhan**. Sesebuah pertubuhan secara ideal ditakrifkan sebagai “satu unit ekonomi yang bergiat di bawah satu hak milik atau penguasaan tunggal, iaitu di bawah satu entiti yang sah. Ia menjalankan satu jenis subsektor ekonomi utama di satu tempat/lokasi fizikal”. Setiap pertubuhan diberikan klasifikasi industri berdasarkan aktiviti utamanya dan bukannya mengikut aktiviti syarikat induk.

Setiap cawangan daripada organisasi yang mempunyai beberapa cawangan di lokasi yang berbeza dari segi konsep dianggap sebagai pertubuhan yang berlainan. Pertubuhan berkenaan diminta memberikan penyata yang berasingan bagi setiap kegiatannya dari segi nilai. Walau bagaimanapun, dari segi praktis akaun biasanya disediakan secara berpusat kerana kesukaran untuk memperoleh data yang berasingan bagi setiap unit atau cawangan. Entiti atau ‘*enterprise*’ ini akan dianggap sebagai satu unit pelapor dan dibenarkan mengemukakan soal selidik yang menggabungkan semua unit atau cawangannya. **Konsep pertubuhan dalam sektor pertanian biasanya merujuk kepada ladang.**

8. Tahun banci

Tahun banci merujuk kepada tahun pelaksanaan banci.

9. Tempoh rujukan

Tempoh rujukan bagi banci ini ialah tahun takwim 2010. Pertubuhan yang mempunyai tahun perakaunan yang berbeza daripada tahun takwim diminta menyediakan laporan mengikut tahun perakaunan atau kewangan yang meliputi sebahagian besar daripada tahun rujukan.



10. Jenis aktiviti perniagaan

Jenis aktiviti perniagaan merujuk kepada aktiviti utama dan sekunder. Aktiviti utama merujuk kepada aktiviti yang mana pertubuhan menggunakan sebahagian besar daripada sumbernya atau ia sebagai punca perolehan pendapatan yang tinggi. Aktiviti sekunder didefinisikan sebagai aktiviti sampingan kepada aktiviti utama. Klasifikasi industri bagi pertubuhan adalah mengikut aktiviti utamanya berdasarkan kepada **Piawaian Klasifikasi Industri Malaysia (MSIC)**, 2008 Ver.1.0. MSIC 2008 adalah selaras dengan Klasifikasi Standard Perindustrian Antarabangsa bagi Semua Aktiviti Ekonomi (ISIC), semakan keempat pertubuhan Bangsa-Bangsa Bersatu.

11. Konsep dan definisi

Konsep dan definisi yang diguna berasaskan kepada syor-syor Pejabat Perangkaan Pertubuhan Bangsa-Bangsa Bersatu¹ dan *Food and Agriculture Organization (FAO)*. Konsep berkenaan mengikut amalan yang sudah diterima pakai bagi memudahkan perbandingan data dibuat di peringkat antarabangsa.

12. Takrif pertanian

Pertanian termasuk penggunaan sumber semula jadi tumbuh-tumbuhan dan haiwan, merangkumi aktiviti penanaman, pemeliharaan dan penternakan haiwan dan pengeluaran produk haiwan, penebangan kayu balak dan tanaman lain, serta perikanan tangkapan dan akuakultur (berdasarkan MSIC 2008).

Penternakan haiwan merujuk kepada penternakan lembu/kerbau, ayam/itik, babi dan lain-lain ternakan sama ada untuk daging, telur, susu, madu dan lain-lain serta bagi tujuan pembiakan.

i. **Stok induk/baka ternakan** adalah ternakan yang mengeluarkan hasil berulang kali dan mempunyai jangka hayat lebih daripada setahun.

a. Ternakan matang

Merujuk kepada ternakan yang mencapai umur matang untuk membiak.

b. Ternakan belum matang

Merujuk kepada ternakan yang belum mencapai umur matang untuk membiak.

¹ *International Recommendations for Industrial Statistics*, United Nations' Statistical Office, Statistical Papers, Series, M No. 90, United Nations, New York, 2009.



ii. Perbelanjaan pembangunan stok induk/baka ternakan belum matang

Meliputi semua perbelanjaan untuk pembangunan dan pembesaran induk/baka ternakan belum matang. Contoh pembersihan kandang, vaksin, makanan ternakan, upah dan sebagainya.

13. Taraf sah

Taraf sah sesebuah pertubuhan telah ditakrifkan seperti berikut:

i. Hak milik perseorangan

Ia merujuk kepada perniagaan yang dimiliki dan dijalankan oleh orang perseorangan semata-mata untuk mendapatkan keuntungan sendiri. Pemilik mempunyai hak mutlak atas segala urusan pertubuhannya.

ii. Perkongsian

Ia merujuk kepada sekumpulan individu yang telah bersetuju mengikat kontrak dan menjalankan perniagaan dengan matlamat untuk memperoleh keuntungan. Perniagaan tersebut diuruskan oleh kesemua mereka atau salah seorang daripada mereka yang bertindak mewakili semua pihak. Perkongsian perniagaan ini hendaklah mengandungi sekurang-kurangnya dua orang ahli dan tidak melebihi had maksimum dua puluh orang.

iii. Syarikat sendirian berhad

Ia merupakan sebuah perbadanan swasta yang ditubuhkan untuk menjalankan perniagaan dengan matlamat untuk mencari keuntungan. Saham dipegang secara tertutup (*closely held*) oleh pemegang saham yang mempunyai kawalan terhadap operasi syarikat. Ia didaftarkan dengan tanggungan berhad (*with limited liability*).

Sesebuah syarikat sendirian berhad mempunyai Memorandum dan Artikel Persatuan sendiri, yang antara lain:

- a) menghadkan hak untuk memindahkan sahamnya;
- b) menghadkan bilangan pemegang saham di antara dua hingga lima puluh orang (tidak termasuk pekerja syarikat itu dan bekas pekerja yang masih menjadi ahli);
- c) melarang sebarang pelawaan kepada orang ramai untuk membeli apa-apa saham atau debentur syarikat itu; dan
- d) melarang sebarang pelawaan kepada orang ramai supaya menyimpan wang di syarikat itu bagi sesuatu tempoh yang



ditetapkan atau boleh dibayar apabila dituntut, dengan atau tanpa faedah.

iv. Syarikat awam berhad

Ia merupakan sebuah perbadanan swasta yang ditubuhkan, dengan tanggungan berhad, oleh sekurang-kurangnya dua orang untuk menjalankan perniagaan dengan tujuan untuk mencari keuntungan. Saham syarikat awam berhad ini dipegang secara terbuka (*openly held*) dan bagi sesebuah syarikat yang disenaraikan di bursa saham, sahamnya boleh bertukar milik secara bebas. Syarikat tersebut dianggap sebagai sebuah entiti yang sah dan ditubuhkan mengikut Memorandum dan Artikel Persatuan.

v. Koperasi

Ia merujuk kepada sesebuah persatuan sukarela yang bilangan ahlinya tidak terhad dan didaftarkan di bawah Akta Koperasi 1993. Kumpulan wang yang ada adalah milik bersama untuk memenuhi keperluan ahli-ahlinya.

vi. Perbadanan awam

Ia merupakan sebuah perbadanan yang ditubuhkan di bawah Akta Khas Parlimen atau Dewan Perundangan Negeri.

vii. Lain-lain

Ia merujuk kepada semua pertubuhan lain yang tidak tergolong di bawah mana-mana kategori yang tersebut di atas.

14. Hak milik

Hak milik sesebuah pertubuhan dikelaskan mengikut taraf residen pemilik/pemilik-pemilik modal berbayar yang terbesar (melebihi 50 peratus) dan bukannya mengikut taraf kerakyatan mereka.

i. Residen Malaysia ialah individu, syarikat atau organisasi lain yang lazimnya terletak di Malaysia untuk jangka masa sekurang-kurangnya satu tahun. Cawangan dan anak syarikat asing yang didaftarkan/diperbadankan di Malaysia adalah dianggap sebagai residen Malaysia.

ii. Bukan Residen Malaysia ialah individu, syarikat atau organisasi lain yang lazimnya terletak di negara selain Malaysia. Cawangan dan anak syarikat milik residen Malaysia di luar negeri juga dianggap sebagai bukan residen Malaysia.



iii. **Hak Milik Bersama** ialah Residen Malaysia atau Bukan Residen Malaysia memegang jumlah saham yang sama banyak dalam perniagaan berkenaan.

15. Pertubuhan milikan wanita

Merujuk kepada pertubuhan yang memiliki sekurang-kurangnya 51 peratus pemilikan ekuiti yang dipegang oleh wanita ATAU pemegang saham terbesar adalah wanita dan pertubuhan diuruskan oleh wanita ATAU Pengarah Urusan atau Ketua Pengarah Eksekutif adalah wanita yang memiliki sekurang-kurangnya 10 peratus ekuiti.

16. Jumlah pekerja

Jumlah pekerja merujuk kepada bilangan orang yang bekerja pada bulan Disember atau pada tempoh pembayaran gaji terakhir bagi tahun rujukan. Bilangan orang yang bekerja dikategorikan seperti berikut:

i. Pemilik yang bekerja dan rakan niaga yang aktif

Kategori ini merujuk kepada semua pemilik perseorangan dan rakan niaga, sambilan atau sepenuh masa, yang bekerja dengan aktif dalam sesebuah pertubuhan itu. Justeru, ia tidak termasuk rakan niaga yang tidak aktif.

ii. Pekerja keluarga tidak bergaji

Kategori ini meliputi semua ahli isi rumah kepada pemilik pertubuhan yang melaksanakan kerja tertentu (sepenuh masa atau sambilan) dan bekerja sekurang-kurangnya satu per tiga daripada waktu bekerja biasa yang diamalkan oleh pertubuhan berkenaan tanpa mendapat bayaran secara tetap, sama ada dalam bentuk wang tunai atau harta benda bagi kerja yang dilakukan. Biasanya pekerja berkenaan mendapat makanan, tempat tinggal dan bantuan lain sebagai sebahagian daripada ahli isi rumah pemilik tersebut dan terus mendapatnya sama ada ia bekerja atau tidak di dalam pertubuhan itu.

iii. Pekerja bergaji sepenuh masa

Ia merujuk kepada semua pekerja bergaji yang bekerja sekurang-kurangnya enam jam sehari dan sekurang-kurangnya 20 hari sebulan.

iv. Pekerja bergaji sambilan

Ia merujuk kepada semua pekerja bergaji yang bekerja kurang daripada enam jam sehari dan/atau kurang daripada 20 hari sebulan.



v. Pekerja buruh pertanian

Ia ditakrifkan sebagai pekerja buruh pertanian sepenuh masa yang diambil secara langsung. Ia termasuk pekerja yang terlibat secara langsung dalam aktiviti pertanian seperti mereka yang terlibat dalam penanaman, penternakan, perikanan (awak-awak), orang yang terlibat dalam mengendalikan trak, vesel dan lain-lain alat jentera.

vi. Pekerja diambil bekerja melalui kontraktor buruh

Ia ditakrifkan sebagai pekerja buruh pertanian bergaji sepenuh masa yang diambil melalui kontraktor buruh. Kontraktor buruh merujuk kepada kontraktor yang membekalkan buruh sahaja kepada pertubuhan.

vii. Pekerja di bawah subkontraktor

Merujuk kepada mereka yang bekerja di bawah subkontraktor yang dilantik oleh pertubuhan tersebut di mana bahan dan peralatan dibekalkan oleh kontraktor itu sendiri.

17. Gaji & upah dibayar

Ia merujuk kepada pembayaran tunai, termasuk bonus yang dibayar komisen, bayaran lebih masa, elaun kos sara hidup dan elaun-elaun lain yang dibayar kepada semua pekerja bergaji dalam tempoh tahun rujukan. Sementara caruman pekerja kepada Kumpulan Wang Simpanan Pekerja (KWSP) dan Pertubuhan Keselamatan Sosial (PERKESO) turut dimasukkan, caruman oleh majikan **dikecualikan**. Elaun kepada pemilik yang bekerja, rakan niaga yang bekerja dan pekerja keluarga tidak bergaji juga **dikecualikan**.

18. Nilai harta tetap

Harta tetap meliputi semua barangan, baru atau terpakai, ketara atau tidak ketara yang mempunyai hayat produktif lebih daripada setahun. Ia termasuk tanah, bangunan dan struktur, alat pengangkutan, komputer dan peralatan periferal, perisian komputer, peralatan mesin dan lain, serta perabot dan pemasangan lain. Nilai harta pembuka dan penutup 2010 berasaskan nilai buku akaun. Pembelian, pindaan dan pembaikan besar atau perbelanjaan modal pada tahun berkenaan dikira pada nilai sebenar yang dibayar. Nilai aset yang dijual dalam tahun semasa juga dikira pada nilai sebenar.

19. Perbelanjaan modal

Merujuk kepada nilai belian dan akaun harta tetap bagi pembinaan sendiri sepanjang tahun rujukan. Selain itu, pengubahan dan penambahbaikan ke atas harta sedia ada yang dapat melanjutkan masa



sesuatu ekonomi atau meningkatkan sesuatu produktiviti juga termasuk dalam definisi ini.

20. Aset pertanian

Aset pertanian merujuk kepada semua pokok/tanaman kecuali pokok balak yang bertujuan untuk pembalakan, ternakan dan perikanan akuakultur yang dijangka mempunyai jangka hayat lebih daripada satu tahun dan boleh mengeluarkan hasil yang berterusan atau berulang-ulang.

Aset ternakan adalah stok induk/baka ternakan yang mengeluarkan hasil berulang kali dan mempunyai jangka hayat lebih dari setahun.

21. Nilai output kasar

Nilai output kasar subsektor ternakan meliputi:

- + Stok hasil ternakan (akhir)
- + Barangan dalam proses dan stok barangan siap (pembuatan sendiri) (akhir)
- + Jualan daripada ternakan hidup dan hasil ternakan
- + Pendapatan daripada kerja ternakan yang dibuat untuk pihak lain
- + Pendapatan daripada hasil ternakan yang diproses
- + Nilai jualan barangan/bahan/produk berkaitan dengan aktiviti ternakan, yang dibeli untuk dijual semula tanpa melalui proses selanjutnya
- + Pendapatan lain yang berkaitan dengan ternakan
- + Pendapatan daripada aktiviti pertanian lain
- + Pendapatan daripada sewa
- + Pendapatan daripada agro pelancongan
- + Nilai jualan barangan/bahan bukan pertanian yang dibeli untuk dijual semula tanpa melalui proses selanjutnya
- + Lain-lain penerimaan
- + Jumlah perbelanjaan pembangunan stok induk/baka ternakan
- Stok hasil ternakan (awal)
- Barangan dalam proses dan stok barangan siap (Pembuatan sendiri) (awal)
- Kos barangan/bahan/produk berkaitan dengan aktiviti ternakan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya
- Kos barangan/bahan yang dijual (barangan/bahan bukan pertanian) yang dibeli untuk dijual semula tanpa melalui proses selanjutnya



- 22. Input perantaraan** Input perantaraan subsektor ternakan meliputi:
- + Kos bahan langsung yang digunakan dalam aktiviti ternakan
 - + Jumlah bayaran ke atas kerja-kerja ternakan yang dibuat oleh pihak lain
 - + Kos anak ternakan bukan baka
 - + Perbelanjaan untuk aktiviti pertanian lain
 - + Bahan dan bekas pembungkus yang digunakan
 - + Bahan yang digunakan bagi pembaikan dan penyelenggaraan
 - + Alat tulis dan bekalan pejabat yang digunakan
 - + Air yang dibeli
 - + Tenaga elektrik yang dibeli
 - + Bahan pembakar, pelincir dan gas yang digunakan
 - + Bayaran pembaikan dan penyelenggaraan semasa yang dibuat oleh pihak lain bagi harta tetap pertubuhan ini
 - + Perbelanjaan penyelidikan dan pembangunan
 - + Bayaran terhadap perkhidmatan bukan industri pertanian
 - + Perbelanjaan ke atas agro pelancongan
 - + Bayaran royalti kepada swasta: pelesenan teknologi
 - + Bayaran royalti kepada swasta: lain-lain
 - + Bayaran kepada pengarah tidak bekerja kerana kehadiran mereka dalam mesyuarat Lembaga Pengarah
 - + Input lain
- 23. Nilai ditambah** Nilai ditambah diperoleh daripada perbezaan antara nilai output kasar dengan input perantaraan.
- 24. Pembundaran** Jumlah bagi komponen mungkin berbeza dengan jumlah besar dalam jadual penerbitan disebabkan oleh pembundaran angka.
- 25. Simbol dan huruf ringkas** Simbol dan huruf ringkas berikut digunakan dalam penerbitan ini:
- | | |
|----------|-------------------------------|
| t.t.t.l. | tidak terkelas di tempat lain |
| RM | Ringgit Malaysia |
| > | lebih daripada |
| < | kurang daripada |
| 0.0 | kurang dari 0.05 |
| n.a. | tidak berkaitan |
| - | tiada |
| } | cantum |

**26. Pengiraan kadar pertumbuhan tahunan**

Pengiraan kadar pertumbuhan tahunan (r) adalah berdasarkan formula berikut;

$$Y_t = Y_o(1 + r)^t$$

Di mana r ,

$$r = \left[e^{\frac{1}{t} \ln \left(\frac{y_t}{y_o} \right)} - 1 \right] \times 100$$

Di mana,

Y_t = Nilai pada tahun semasa

Y_o = Nilai pada tahun sebelum

t = Bilangan tahun, $Y_t - Y_o$

r = Kadar pertumbuhan tahunan



- 1. Introduction** *This report consists of data related to agriculture sector in general and livestock sub-sector in particular for the reference year 2010. The data were collected and compiled from the Economic Census conducted in 2011.*
- 2. Objective** *The main objective of the census is to collect information pertaining to the growth, contribution, composition and distribution of the agriculture sector in general and livestock sub-sector in particular to assist the government in development planning and policy formulation. Data obtained from the census also provides benchmark information and are used for the compilation of national accounts, input-output tables as well as specific studies. The results are used by policy makers, economists, planners and academicians in economic projections and analysis.*
- 3. Legal authority** *The survey was conducted under the provisions of the **Statistics Act, 1965 (Revised 1989)**. Section 5 of this Act requires all establishments operating in Malaysia to provide actual information or best estimates to the Department. The Act stipulates that the contents of the individual returns received are confidential and only aggregated figures are published.*
- 4. Scope and coverage** *Covers all establishment involved in the agriculture sector that were registered with Companies Commission of Malaysia (CCM – ROB & ROC), Local Authorities (PBT), Registrar of Societies (ROS) and Co-operative Commission of Malaysia (SKM). In this census, entrepreneurs in agriculture sector which only registered with Ministry of Agriculture and Agro-Based Industry or others government agencies for the purpose of receiving aid were **NOT** covered.*

Overall coverage of the census for agriculture sector is 136 industries at 5-digit level. There are 27 industries covered in livestock sub-sector. This industry is classified under the Malaysia Standard Industrial Classification (MSIC), 2008. The complete industry list is shown in Appendix (page 95).
- 5. Frame (source)** *The main source of information for the establishment frame is obtained from CCM, PBT, ROS and SKM. The census frame was also updated from other sources such as the departments/agencies under the Ministry of Agriculture and Agro-Based Industry, Malaysian Department of Veterinary Services and various businesses and trade associations, newspaper advertisements as well as websites. The frame*



is updated annually to take into account new establishments and to record any changes in the status of the establishments such as closed down, not in operation, change in activities and location or postal addresses.

6. Methodology

The census was primarily conducted through mail enquiry. Respondents were given one month to complete and return the questionnaires to the Department. Field enumeration was then carried out to collect the completed questionnaires from the establishments that did not respond.

7. Reporting unit

The reporting unit used in the census was the **establishment**. An establishment is defined as “an economic unit engaged in one activity, under a single legal entity and operating in a single physical location”. Each establishment was assigned an industry classification based on its principal activity and not to that of its parent company.

Thus, each branch of a multi-branch organisation at a different location was conceptually treated as a different location establishment. The establishment is requested to give separate returns for each sub-sector in terms of value. However, in practice, the accounts were centrally kept such that it was not possible to obtain separate data for each individual unit or branch. The entity or enterprise was treated as a single reporting unit and allowed to submit a consolidated questionnaire covering all the units or branches. **In the agriculture sector, the concept of establishment usually refers to a farm.**

8. Census year

Census year refers to the year in which the census was conducted.

9. Reference year

The reference period for this census was the calendar year 2010. Establishments which accounting year differed from the calendar year were requested to report according to the accounting or financial year covering the major part of the reference year.

10. Type of business activity

The type of business activity refers to both the principal and secondary activities. The principal activity refers to the activity to which the establishment devoted most of its resources or to which it derived most of its income. Secondary activities are defined as those incidental or ancillary to the principal activity. The classification of the industry of the establishment is based on its principal activity and is in accordance with **Malaysia Standard Industrial Classification (MSIC), 2008 Ver.1.0**. The MSIC 2008 conforms to the International Standard Industrial Classification of All Economic Activities (ISIC) Rev.4, United Nations.



11. Concepts and definitions

Concepts and definitions used are based on the recommendations of the United Nations' Statistical Office¹ and Food and Agriculture Organization (FAO). These concepts adhere to accepted practices, thereby facilitating international comparability of data.

12. Definition of agriculture

Agriculture covers the use of natural resources of plants and animals, which includes growing, breeding and rearing of animals and production of animal products, felling of trees and other plants, and capture fishery and aquaculture (based on MSIC 2008).

Livestock farming refers to cattle/buffaloes farming, poultry, pig and other animals whether for meat, egg, milk, honey and others and for breeding purposes.

i. Livestock breeders

Breeders that produce products repeatedly and have a life expectancy of more than one year.

a. Matured livestock

Refers to livestock that has reached the age for reproduction.

b. Immatured livestock

Refers to livestock that has yet to reach the age for reproduction.

ii. Development expenditure for immature livestock breeder

Covers all expenditure for development and expansion on immature livestock breeder. (example: pen cleaning, vaccine, wage and others)

13. Legal organisation

For the purpose of this census, the legal organisation of an establishment has been defined as follows:

i. Individual proprietorship

This refers to a business, owned and operated by one person for his own profit. The owner has the exclusive right to control the operation of the establishment.

ii. Partnership

This refers to a group of individuals who agreed to contract and to carry out a business with the objective of profit making. All shareholders or anyone could manage the business for all parties. A trading partnership must comprise of at least two members and should not exceed a maximum of twenty members.

¹ International Recommendations for Industrial Statistics, United Nations' Statistical Office, Statistical Papers, Series, M No. 90, United Nations, New York, 2009.

**iii. Private limited company**

This is a private corporation established to undertake a business with the objective of profit making. The shares are closely held by the shareholders of the corporation who have control over its operation. It is registered with limited liability.

A private limited company has its Memorandum and Articles of Association, which among others:

- a) restricts the right to transfer its share;*
- b) limits the number of its shareholders between two to fifty persons (not including employees of the company and ex-employees who are currently members);*
- c) prohibits invitation to the public to subscribe for any shares or debentures of the company; and*
- d) prohibits any invitation to the public to deposit money with the company for fixed periods or payable at call without interest.*

iv. Public limited company

A public limited company is also a private corporation established, with limited liability, by a minimum of two persons to operate the business with the objective of profit making. The shares in a public limited company are openly held, and in the case of a company listed on the stock exchange, the shares are freely transferable. The company is regarded as a legal entity and is constituted by the Memorandum and Articles of Association.

v. Co-operative

This refers to a voluntary association with an unrestricted number of members and registered under the Co-operative Act 1993. Funds are collectively owned to meet the needs of members.

vi. Public corporation

This refers to an undertaking set up under a Special Act Parliament or by the State Legislature.

vii. Others

It refers to all other establishments, which do not fall under any of the categories mentioned above.

14. Ownership

The ownership of an establishment is classified by the residential status of the owner (s) of the majority (more than 50 per cent) of the paid-up capital and not by their citizenship status.



- i. **Malaysian resident** is any individual, company or other organization ordinarily domiciled in Malaysia for a period of at least one year. Malaysian registered branches and incorporated subsidiaries of foreign based/origins are also regarded as residents.*
- ii. **Non-Malaysian resident** is any individual, company or other organization ordinarily domiciled in a country other than Malaysia. Foreign branches and/or subsidiaries abroad owned by residents are also regarded as non-residents.*
- iii. **Joint-Ownership** is any Malaysian Residents and Non-Malaysian Residents held equal shares in the business.*

15. Women-owned establishments

Refers to the establishment with at least 51 per cent and above of the equity held by a woman/women OR largest shareholder are woman and establishment run by woman OR the Managing Director or Chief Executive Officer is a woman who own at least 10 per cent of the equity.

16. Number of persons engaged

Number of persons engaged refers to all persons working during December or the last pay period of the reference year. The number of persons engaged is classified by the following categories:

i. Working proprietors and active business partners

This category refers to all individual proprietors and partners, part-time or full-time, who are actively engaged in the work of the establishment. It therefore excludes silent and inactive partners.

ii. Unpaid family workers

This is defined as all persons (full-time or part-time) of the household of any of the owners' of the establishment who perform a specified job and work for a minimum of one third of the normal working time of the establishment, but do not receive regular payments either in cash or in kind for the work done. Such workers generally receive food, shelter and other support as part of the household of an owner but these provisions would continue whether they work in the establishment or not.

iii. Full-time employees

This is defined as all paid workers who work for at least six hours a day and for at least 20 days a month.

iv. Part-time employees

This is defined as all paid workers who work for less than six hours a day and/or less than 20 days a month.



v. Agricultural labour workers

This is defined as full-time agricultural labourers who are directly employed. It includes workers who are directly engaged in cultivating, livestock rearing, fisheries (awak-awak), persons engaged in truck driving, vessels and other machinery.

vi. Workers employed through labour contractors

This is defined as full-time agriculture employees engaged through labour contractors. Labour contractors refer to contractor who supply only labour to that establishment.

vii. Workers under subcontractors

Refer to those who worked under a contractor appointed by the establishment where the materials and equipment are supplied by the contractor themselves.

17. Salaries & wages paid

*Salaries & wages paid refer to cash payments, including bonuses, commissions, overtime wages, cost of living and allowances made to all employees during the reference year. While the employees' contributions to Employees' Provident Fund (EPF) and Social Security Organisation (SOCSO) are included. The employer's contributions are **excluded**. **Allowances** to working proprietor, working partners and unpaid family workers are also **not included**.*

18. Value of fixed assets

It cover all goods, new or used, tangible or intangible, that has a normal economic life span of more than one year. Included are land, building and structure, transport equipment, computer and peripheral equipment, other machinery equipment, computer software and furniture and fittings. Value of assets as at the beginning and end of 2010 was based on net book value. Purchases, alterations and major repairs or capital expenditure during the year were valued at actual costs incurred. Value of assets sold during the year refers to the realized value.

19. Capital expenditure

Refers to the value of purchases and own-account construction of fixed assets during the year. Major additions, alterations and improvements to existing assets that extend their normal economic life or raise productivity are also included in this definition.

20. Agricultural assets

***Agricultural assets** refer to trees/crops except for logging trees that purposes of logging, livestock and aquaculture fisheries which are expected to have a productive life of more than one year and able to produce continuously or repeatedly.*



Assets of livestock refer to breeders that produce products repeatedly and have a life expectancy of more than one year.

21. Value of gross output

The value of gross output of livestock sub-sector includes:

- + Stocks of livestock products (closing)
- + Goods in progress and stocks of finished goods (owned manufactured) (closing)
- + Sales of live animal and livestock products
- + Income from farming work done for others
- + Income from products processed from livestock
- + Value of sales from goods/materials/products related to farming, which is purchased for resale without further processing
- + Other income related to livestock
- + Income from other agricultural activities
- + Rental income received
- + Income received from agro-tourism
- + Value of sales from non-agricultural goods/materials that is purchased for resale without further processing
- + All other income
- + Total of development expenditure on breeding stock for livestock
- Stocks of livestock products (opening)
- Goods in progress and stocks of finished goods stock (own manufactured) (opening)
- Cost of goods/materials/products related to farming activity, purchased for resale without under going further processing
- Cost of goods/materials sold (non-agricultural goods/material that is purchased for resale without under going further processing)

22. Intermediate input

Intermediate input of livestock sub-sector includes:

- + Cost of direct materials consumed in livestock activities
- + Total payment for livestock work done by other establishments
- + Cost of non-breeders livestock
- + Expenditure for other agricultural activities
- + Packing materials and containers consumed
- + Materials used for repairs and maintenance
- + Stationery and office supplies consumed
- + Water purchased
- + Electricity purchased
- + Fuel, lubricants and gas consumed
- + Payments for current repairs and maintenance work done by others on this establishment's fixed assets



- + *Research and development expenditure*
- + *Payments for non-agricultural industrial services*
- + *Expenses on agro tourism*
- + *Royalties paid to private: technology licensing*
- + *Royalties paid to private others*
- + *Fees paid to non-working directors for their attendance at Board of Directors' meetings*
- + *Other input values*

23. Value added

Value added is derived as the difference between the value of gross output and the cost of input.

24. Rounding

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

25. Symbols and notations

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

n.e.c. not elsewhere classified

RM Ringgit Malaysia

> more than

< less than

0.0 less than 0.05

n.a. not applicable

- nil

} combined

26. Calculating annual growth rate

The calculation of annual growth rate (r) is based on the following formula:

$$Y_t = Y_o (1 + r)^t$$

Where r ,

$$r = \left[e^{\frac{1}{t} \ln \left(\frac{y_t}{y_o} \right)} - 1 \right] \times 100$$

Where,

Y_t = Value at current year

Y_o = Value at previous year

t = Number of years, $Y_t - Y_o$

r = Annual growth rate

BANCI EKONOMI **ECONOMIC CENSUS**



JADUAL PERTANIAN *TABLES ON AGRICULTURE*

Jadual A1: Perangkaan utama sektor pertanian, 2005, 2008 dan 2010

Table A1: Principal statistics of agriculture sector, 2005, 2008 and 2010

| Keterangan subsektor <i>Sub-sector description</i> | Tahun <i>Year</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantara <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> |
|--|-----------------------------|---|---|--|---|--|---|---|
| | | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Jumlah | 2010 | 8,829 | 53,452,092 | 22,376,145 | 31,075,947 | 390,708 | 4,890,008 | 40,088,252 |
| <i>Total</i> | 2008 ¹ | 4,885 | 38,379,515 | 15,844,826 | 22,534,691 | 332,137 | 3,332,511 | 36,348,750 |
| | 2005 | 5,223 | 21,668,695 | 11,512,973 | 10,155,722 | 259,721 | 2,412,688 | 37,085,939 |
| Tanaman | 2010 | 6,348 | 37,275,560 | 11,560,350 | 25,715,209 | 335,096 | 3,857,295 | 35,149,424 |
| <i>Crops</i> | 2008 | 3,956 | 32,668,428 | 11,023,649 | 21,644,779 | 307,893 | 3,010,821 | 34,413,626 |
| | 2005 | 3,832 | 14,408,028 | 6,242,603 | 8,165,425 | 225,030 | 1,919,026 | 34,091,133 |
| Ternakan | 2010 | 1,089 | 6,591,458 | 5,051,695 | 1,539,763 | 20,056 | 315,091 | 1,859,689 |
| <i>Livestock</i> | 2008 | 550 | 5,021,476 | 4,339,397 | 682,079 | 17,982 | 241,154 | 1,583,427 |
| | 2005 | 575 | 3,126,919 | 2,454,642 | 672,277 | 14,227 | 173,015 | 1,664,102 |
| Perhutanan & pembalakan | 2010 | 537 | 8,110,965 | 4,750,166 | 3,360,798 | 24,048 | 553,752 | 2,173,640 |
| <i>Forestry & logging</i> | 2008 | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. | n.a. |
| | 2005 | 250 | 3,801,941 | 2,575,592 | 1,226,349 | 16,444 | 281,697 | 1,168,695 |
| Perikanan | 2010 | 855 | 1,474,109 | 1,013,933 | 460,176 | 11,508 | 163,869 | 905,499 |
| <i>Fisheries</i> | 2008 | 379 | 689,611 | 481,780 | 207,833 | 6,262 | 80,536 | 351,697 |
| | 2005 | 566 | 331,807 | 240,136 | 91,671 | 4,020 | 38,950 | 162,009 |

Nota: ¹ Subsektor perhutanan & pembalakan tidak diliputi dalam Banci Pertubuhan Pertanian Tahunan, 2009

Note: ¹ Forestry & logging sub-sector is not covered in Annual Agriculture Establishments Census, 2009

Jadual A2: Perangkaan utama sektor pertanian mengikut kumpulan, 2010

Table A2: Principal statistics of agriculture sector by group, 2010

| Keterangan kumpulan <i>Group description</i> | Kod kumpulan <i>Group code</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> |
|--|-----------------------------------|--|--|---|--------------------------------------|---|--|--|
| | | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Jumlah <i>Total</i> | | 8,829 | 53,452,092 | 22,376,145 | 31,075,947 | 390,708 | 4,890,008 | 40,088,252 |
| Tanaman <i>Crops</i> | | 6,348 | 37,275,560 | 11,560,350 | 25,715,209 | 335,096 | 3,857,295 | 35,149,424 |
| Penanaman tanaman tidak kekal <i>Growing of non-perennial crops</i> | 011 | 947 | 505,130 | 269,865 | 235,265 | 8,858 | 88,676 | 258,576 |
| Penanaman tanaman kekal <i>Growing of perennial crops</i> | 012 | 4,892 | 36,439,678 | 11,136,045 | 25,303,633 | 319,196 | 3,673,066 | 34,727,943 |
| Pembiakan tumbuhan <i>Plant propagation</i> | 013 | 134 | 95,208 | 47,230 | 47,978 | 1,928 | 22,911 | 61,617 |
| Pertanian campuran <i>Mixed farming</i> | 015 | 36 | 5,278 | 2,577 | 2,702 | 139 | 1,021 | 2,841 |
| Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian¹ <i>Support activities to agriculture and post-harvest crops activities</i> | 016 | 339 | 230,265 | 104,634 | 125,631 | 4,975 | 71,620 | 98,448 |
| Ternakan <i>Livestock</i> | | 1,089 | 6,591,458 | 5,051,695 | 1,539,763 | 20,056 | 315,091 | 1,859,689 |
| Pengeluaran ternakan <i>Animal production</i> | 014 | 1,084 | 6,590,603 | 5,051,481 | 1,539,123 | 20,030 | 314,908 | 1,859,502 |
| Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak² <i>Support activities for animal production on a fee of contract basis</i> | 016 | 5 | 855 | 214 | 641 | 26 | 184 | 187 |

Jadual A2: Perangkaan utama sektor pertanian mengikut kumpulan, 2010 (samb.)
Table A2: Principal statistics of agriculture sector by group, 2010 (cont'd)

| Keterangan kumpulan <i>Group description</i> | Kod kumpulan <i>Group code</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> |
|--|--|---|---|--|---|--|---|---|
| | | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Perhutanan & pembalakan <i>Forestry & logging</i> | | 537 | 8,110,965 | 4,750,166 | 3,360,798 | 24,048 | 553,752 | 2,173,640 |
| Silvikultur dan aktiviti perhutanan lain <i>Silviculture and other forestry activities</i> | 021 | 20 | 234,517 | 73,968 | 160,549 | 932 | 19,412 | 12,620 |
| Pembalakan <i>Logging</i> | 022 | 401 | 6,921,920 | 4,099,584 | 2,822,336 | 18,763 | 439,487 | 1,999,914 |
| Perkhidmatan sokongan perhutanan <i>Support service to forestry</i> | 024 | 116 | 954,528 | 576,614 | 377,913 | 4,353 | 94,853 | 161,106 |
| Perikanan <i>Fisheries</i> | | 855 | 1,474,109 | 1,013,933 | 460,176 | 11,508 | 163,869 | 905,499 |
| Perikanan <i>Fisheries</i> | 031 | 306 | 402,545 | 268,268 | 134,278 | 4,624 | 64,516 | 141,437 |
| Akuakultur <i>Aquaculture</i> | 032 | 549 | 1,071,564 | 745,665 | 325,898 | 6,884 | 99,353 | 764,062 |

Nota: ¹ Merujuk kepada kod industri 01610
Notes: Refers to industry code 01610

² Merujuk kepada kod industri 01620
Refers to industry code 01620



Jadual A3: Perangkaan utama sektor pertanian mengikut negeri, 2010*Table A3: Principal statistics of agriculture sector by state, 2010*

| Negeri <i>State</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> |
|--------------------------------------|---|---|--|---|--|---|---|
| | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Jumlah <i>Total</i> | 8,829 | 53,452,092 | 22,376,145 | 31,075,947 | 390,708 | 4,890,008 | 40,088,252 |
| Johor | 1,316 | 6,774,598 | 2,968,210 | 3,806,388 | 50,802 | 673,982 | 8,624,431 |
| Kedah | 663 | 1,208,786 | 519,217 | 689,570 | 10,573 | 130,614 | 1,226,069 |
| Kelantan | 411 | 1,459,435 | 547,146 | 912,289 | 15,768 | 229,301 | 883,152 |
| Melaka | 309 | 1,982,779 | 1,057,113 | 925,666 | 7,783 | 108,559 | 1,144,376 |
| Negeri Sembilan | 549 | 2,531,134 | 844,297 | 1,686,838 | 16,605 | 222,293 | 2,038,677 |
| Pahang | 923 | 6,442,736 | 2,035,490 | 4,407,246 | 35,652 | 448,627 | 2,115,674 |
| Perak | 1,174 | 4,248,982 | 1,808,998 | 2,439,984 | 25,959 | 353,396 | 2,643,092 |
| Perlis | 67 | 83,937 | 51,892 | 32,045 | 543 | 5,072 | 11,249 |
| Pulau Pinang | 290 | 824,065 | 596,356 | 227,709 | 3,746 | 59,946 | 430,853 |
| Sabah | 1,311 | 13,210,503 | 4,301,024 | 8,909,478 | 138,396 | 1,440,110 | 10,791,012 |
| Sarawak | 606 | 10,945,375 | 5,980,113 | 4,965,262 | 55,967 | 831,057 | 4,542,764 |
| Selangor | 916 | 2,493,740 | 1,209,506 | 1,284,233 | 17,277 | 248,725 | 4,485,076 |
| Terengganu | 281 | 1,209,549 | 439,084 | 770,464 | 11,400 | 135,591 | 1,087,924 |
| W.P. Kuala Lumpur¹ | 5 | 7,303 | 2,842 | 4,461 | 58 | 823 | 16,895 |
| W.P. Labuan | 8 | 29,169 | 14,855 | 14,314 | 179 | 1,913 | 47,009 |

Nota: ¹ Termasuk W.P. Putrajaya

Note: Includes W.P. Putrajaya

Jadual A4: Perangkaan utama sektor pertanian mengikut taraf sah, 2010*Table A4: Principal statistics of agriculture sector by legal organisation, 2010*

| Taraf sah <i>Legal organisation</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> |
|--|---|---|--|---|--|---|---|
| | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Jumlah <i>Total</i> | 8,829 | 53,452,092 | 22,376,145 | 31,075,947 | 390,708 | 4,890,008 | 40,088,252 |
| Hak milik perseorangan <i>Individual proprietorship</i> | 3,367 | 2,050,259 | 976,538 | 1,073,720 | 23,492 | 235,241 | 693,116 |
| Perkongsian <i>Partnership</i> | 652 | 1,180,428 | 681,862 | 498,565 | 10,786 | 144,476 | 606,918 |
| Syarikat sendirian berhad <i>Private limited company</i> | 4,346 | 44,407,078 | 18,850,163 | 25,556,915 | 309,283 | 3,927,155 | 33,666,200 |
| Syarikat awam berhad <i>Public limited company</i> | 354 | 4,960,303 | 1,578,569 | 3,381,734 | 40,114 | 491,058 | 4,684,997 |
| Koperasi <i>Co-operative</i> | 48 | 344,064 | 68,226 | 275,838 | 1,202 | 17,773 | 107,392 |
| Perbadanan awam <i>Public corporation</i> | 62 | 509,961 | 220,787 | 289,174 | 5,831 | 74,304 | 329,629 |

Jadual A5: Perangkaan utama sektor pertanian mengikut hak milik, 2010
Table A5: Principal statistics of agriculture sector by ownership, 2010

| Hak milik <i>Ownership</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
| | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Jumlah <i>Total</i> | 8,829 | 53,452,092 | 22,376,145 | 31,075,947 | 390,708 | 4,890,008 | 40,088,252 |
| Residen Malaysia <i>Malaysian residents</i> | 8,753 | 53,142,885 | 22,186,265 | 30,956,620 | 387,776 | 4,844,648 | 38,923,698 |
| Bukan residen Malaysia <i>Non-Malaysian residents</i> | 70 | 269,895 | 170,868 | 99,026 | 2,489 | 40,178 | 1,145,656 |
| Milik bersama residen dan bukan residen Malaysia <i>Joint-Malaysian and Non-Malaysian residents</i> | 6 | 39,313 | 19,012 | 20,301 | 443 | 5,182 | 18,898 |

Jadual A6: Perangkaan utama sektor pertanian mengikut saiz pekerja, 2010
Table A6: Principal statistics of agriculture sector by employment size, 2010

| Saiz pekerja <i>Employment size</i> | Bilangan pertubuhan <i>Number of establishments</i> | | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> | |
|--|--|--------------|--|---|--------------------------------------|---|--|--|------------|
| | | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) | |
| Jumlah <i>Total</i> | | 8,829 | 53,452,092 | 22,376,145 | 31,075,947 | 390,708 | 4,890,008 | 40,088,252 | |
| Kurang daripada <i>Below</i> | 5 | 3,114 | 2,027,932 | 1,150,465 | 877,468 | 7,494 | 53,593 | 1,420,929 | |
| 5 | - | 9 | 1,555 | 1,909,803 | 1,095,058 | 814,746 | 10,232 | 124,134 | 1,617,883 |
| 10 | - | 19 | 1,172 | 2,976,806 | 1,504,789 | 1,472,017 | 16,052 | 230,882 | 1,779,855 |
| 20 | - | 29 | 567 | 2,276,944 | 1,045,897 | 1,231,048 | 13,758 | 205,655 | 2,407,699 |
| 30 | - | 49 | 686 | 4,714,154 | 2,397,960 | 2,316,194 | 26,225 | 405,068 | 4,168,806 |
| 50 | - | 99 | 700 | 8,056,459 | 3,309,871 | 4,746,587 | 49,170 | 741,143 | 4,097,519 |
| 100 | - | 199 | 496 | 9,609,297 | 3,743,327 | 5,865,971 | 70,903 | 941,887 | 6,525,610 |
| 200 | - | 499 | 475 | 16,280,099 | 5,847,064 | 10,433,035 | 144,137 | 1,617,209 | 12,787,694 |
| 500 | | 999 | 53 | 3,423,299 | 1,293,083 | 2,130,216 | 35,184 | 390,887 | 3,087,439 |
| 1,000 | dan lebih <i>and above</i> | | 11 | 2,177,298 | 988,632 | 1,188,666 | 17,553 | 179,550 | 2,194,819 |

Jadual A7: Perangkaan utama sektor pertanian mengikut saiz output, 2010

Table A7: Principal statistics of agriculture sector by output size, 2010

| Saiz output <i>Output size</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantara <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> | |
|---|---|---|--|---|--|---|--|---------|
| (RM '000) | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) | |
| Jumlah <i>Total</i> | 8,829 | 53,452,092 | 22,376,145 | 31,075,947 | 390,708 | 4,890,008 | 40,088,252 | |
| Kurang daripada <i>Below</i> | 50 | 1,509 | 34,918 | 20,793 | 14,125 | 3,790 | 13,334 | 237,762 |
| 50 - 99 | 833 | 61,072 | 26,133 | 34,939 | 2,942 | 18,406 | 173,438 | |
| 100 - 199 | 783 | 113,292 | 63,245 | 50,047 | 3,879 | 33,055 | 428,241 | |
| 200 - 499 | 1,088 | 353,932 | 163,135 | 190,797 | 8,953 | 93,449 | 869,523 | |
| 500 - 999 | 851 | 621,243 | 291,898 | 329,345 | 11,323 | 135,825 | 1,426,979 | |
| 1,000 - 4,999 | 1,729 | 4,087,199 | 1,918,005 | 2,169,194 | 51,199 | 660,454 | 4,824,258 | |
| 5,000 - 9,999 | 660 | 4,731,167 | 1,995,607 | 2,735,560 | 45,094 | 595,179 | 4,854,795 | |
| 10,000 - 49,999 | 1,221 | 26,682,527 | 9,465,780 | 17,216,747 | 204,394 | 2,515,019 | 18,567,312 | |
| 50,000 - 99,999 | 114 | 7,730,149 | 3,551,723 | 4,178,427 | 36,427 | 493,799 | 5,134,424 | |
| 100,000 - 199,999 | 21 | 2,846,322 | 1,434,131 | 1,412,191 | 10,264 | 161,667 | 982,970 | |
| 200,000 dan lebih <i>and above</i> | 20 | 6,190,271 | 3,445,696 | 2,744,576 | 12,443 | 169,821 | 2,588,548 | |

Jadual A8: Perangkaan utama sektor pertanian mengikut saiz harta tetap, 2010

Table A8: Principal statistics of agriculture sector by fixed assets size, 2010

| Saiz harta tetap <i>Fixed assets size</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> | |
|---|---|---|--|---|--|---|---|--------|
| (RM '000) | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) | |
| Jumlah <i>Total</i> | 8,829 | 53,452,092 | 22,376,145 | 31,075,947 | 390,708 | 4,890,008 | 40,088,252 | |
| Kurang daripada <i>Below</i> | 50 | 2,478 | 4,459,212 | 1,531,167 | 2,928,045 | 31,365 | 397,867 | 36,042 |
| 50 - 99 | 825 | 966,925 | 510,689 | 456,236 | 7,119 | 82,474 | 60,163 | |
| 100 - 199 | 945 | 1,425,742 | 663,344 | 762,398 | 11,698 | 146,354 | 134,595 | |
| 200 - 499 | 1,120 | 2,329,623 | 1,143,152 | 1,186,471 | 20,828 | 269,593 | 360,346 | |
| 500 - 999 | 761 | 3,008,356 | 1,414,709 | 1,593,646 | 23,097 | 298,797 | 550,715 | |
| 1,000 - 4,999 | 1,479 | 11,660,255 | 5,188,299 | 6,471,956 | 88,333 | 1,169,830 | 3,567,982 | |
| 5,000 - 9,999 | 513 | 6,545,692 | 2,651,695 | 3,893,997 | 52,817 | 595,447 | 4,093,636 | |
| 10,000 - 49,999 | 552 | 12,726,732 | 4,469,150 | 8,257,582 | 98,221 | 1,203,733 | 12,423,343 | |
| 50,000 - 99,999 | 102 | 5,082,106 | 2,199,911 | 2,882,195 | 30,262 | 386,991 | 7,112,200 | |
| 100,000 - 199,999 | 33 | 2,816,967 | 1,120,515 | 1,696,452 | 17,968 | 211,396 | 4,405,298 | |
| 200,000 dan lebih <i>and above</i> | 21 | 2,430,483 | 1,483,514 | 946,970 | 9,000 | 127,527 | 7,343,932 | |

Jadual A9: Guna tenaga dan gaji & upah dalam sektor pertanian mengikut kategori pekerja, 2010
Table A9: Employment and salaries & wages in the agriculture sector by category of workers, 2010

| Kategori pekerja <i>Category of workers</i> | Jumlah guna tenaga pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | | | Gaji & upah yang dibayar <i>Salaries & wages paid</i> |
|---|--|-----------------------|----------------------------|---|
| | Jumlah <i>Total</i> | Lelaki <i>Male</i> | Perempuan <i>Female</i> | (RM '000) |
| Jumlah <i>Total</i> | 390,708 | 318,583 | 72,125 | 4,890,008 |
| Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Total working proprietors and unpaid family workers</i> | 5,939 | 5,131 | 808 | n.a. |
| Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i> | 4,424 | 4,086 | 338 | n.a. |
| Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i> | 1,515 | 1,045 | 470 | n.a. |
| Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i> | 380,621 | 309,907 | 70,714 | 4,860,257 |
| Pengurusan, profesional dan eksekutif <i>Managerial, professionals and executives</i> | 12,535 | 11,116 | 1,419 | 749,936 |
| Juruteknik dan profesional bersekutu (cth. penyelia, mandur, taikong, juruteknik) <i>Technicians and associate professionals (e.g. supervisor, foreman, taikong, technician)</i> | 17,846 | 16,762 | 1,084 | 383,289 |
| Perkeranian (cth. kerani, penyambut tetamu) <i>Clerical occupation (e.g. clerks, receptionist)</i> | 14,742 | 4,489 | 10,253 | 255,951 |
| Pekerjaan asas (cth. pemandu, pengawal keselamatan) <i>Elementary occupation (e.g. drivers, security guards)</i> | 19,891 | 18,428 | 1,463 | 255,025 |
| Pekerja buruh pertanian diambil secara langsung (cth. pekerja ladang, penternak, penebang, penarik & pengangkut balak) <i>Agriculture labour workers directly employed (e.g. field workers, livestock farmers, crews; log feller, puller & carrier)</i> | 275,734 | 223,098 | 52,636 | 2,752,914 |
| Pekerja diambil bekerja melalui kontraktor buruh <i>Workers employed through labour contractors</i> | 39,873 | 36,014 | 3,859 | 463,143 |
| Jumlah pekerja bergaji (sambilan)/Total paid employees (part-time) | 4,148 | 3,545 | 603 | 29,751 |

Jadual A10: Guna tenaga dalam sektor pertanian mengikut kumpulan, 2010

Table A10: Employment in the agriculture sector by group, 2010

| Keterangan kumpulan <i>Group description</i> | Kod kumpulan <i>Group code</i> | Bilangan pertubuhan <i>Number of establishments</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | | | |
|--|-----------------------------------|--|---|---|--|--|
| | | | Jumlah <i>Total</i> | Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i> | Pekerja sepenuh masa <i>Full-time employees</i> | Pekerja sambilan <i>Part-time employees</i> |
| Jumlah <i>Total</i> | | 8,829 | 390,708 | 5,939 | 380,621 | 4,148 |
| Tanaman <i>Crops</i> | | 6,348 | 335,096 | 3,848 | 328,133 | 3,115 |
| Penanaman tanaman tidak kekal <i>Growing of non-perennial crops</i> | 011 | 947 | 8,858 | 1,296 | 7,038 | 524 |
| Penanaman tanaman kekal <i>Growing of perennial crops</i> | 012 | 4,892 | 319,196 | 2,118 | 314,753 | 2,325 |
| Pembiakan tumbuhan <i>Plant propagation</i> | 013 | 134 | 1,928 | 114 | 1,741 | 73 |
| Pertanian campuran <i>Mixed farming</i> | 015 | 36 | 139 | 39 | 74 | 26 |
| Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian¹ <i>Support activities to agriculture and post-harvest crops activities</i> | 016 | 339 | 4,975 | 281 | 4,527 | 167 |
| Ternakan <i>Livestock</i> | | 1,089 | 20,056 | 1,017 | 18,702 | 337 |
| Pengeluaran ternakan <i>Animal production</i> | 014 | 1,084 | 20,030 | 1,010 | 18,683 | 337 |

Jadual A10: Guna tenaga dalam sektor pertanian mengikut kumpulan, 2010 (samb.)

Table A10: Employment in the agriculture sector by group, 2010(cont'd)

| Keterangan kumpulan <i>Group description</i> | Kod kumpulan <i>Group code</i> | Bilangan pertubuhan <i>Number of establishments</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | | | |
|--|-----------------------------------|--|---|---|--|--|
| | | | Jumlah <i>Total</i> | Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i> | Pekerja sepenuh masa <i>Full-time employees</i> | Pekerja sambilan <i>Part-time employees</i> |
| Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak² <i>Support activities for animal production on a fee of contract basis</i> | 016 | 5 | 26 | 7 | 19 | 0 |
| Perhutanan & pembalakan <i>Forestry & logging</i> | | 537 | 24,048 | 265 | 23,460 | 323 |
| Silvikultur dan aktiviti perhutanan lain <i>Silviculture and other forestry activities</i> | 021 | 20 | 932 | 10 | 922 | - |
| Pembalakan <i>Logging</i> | 022 | 401 | 18,763 | 201 | 18,281 | 281 |
| Perkhidmatan sokongan perhutanan <i>Support service to forestry</i> | 024 | 116 | 4,353 | 54 | 4,257 | 42 |
| Perikanan <i>Fisheries</i> | | 855 | 11,508 | 809 | 10,326 | 373 |
| Perikanan <i>Fisheries</i> | 031 | 306 | 4,624 | 344 | 4,150 | 130 |
| Akuakultur <i>Aquaculture</i> | 032 | 549 | 6,884 | 465 | 6,176 | 243 |

Nota: ¹ Merujuk kepada kod industri 01610

Notes: Refers to industry code 01610

² Merujuk kepada kod industri 01620

Refers to industry code 01620

Jadual A11: Guna tenaga dalam sektor pertanian mengikut jantina dan kumpulan, 2010

Table A11: Employment in the agriculture sector by gender and group, 2010

| Keterangan kumpulan <i>Group description</i> | Kod kumpulan <i>Group code</i> | Jumlah <i>Total</i> | Jumlah pekerja <i>Total number of persons engaged</i> | | Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i> | | Pekerja bergaji <i>Paid employees</i> | | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | |
|--|-----------------------------------|------------------------|--|----------------------------|---|----------------------------|--|----------------------------|--|----------------------------|
| | | | Lelaki <i>Male</i> | Perempuan <i>Female</i> | Lelaki <i>Male</i> | Perempuan <i>Female</i> | Lelaki <i>Male</i> | Perempuan <i>Female</i> | Lelaki <i>Male</i> | Perempuan <i>Female</i> |
| | | | | | | | (RM '000) | (RM '000) | | |
| Jumlah/Total | | 390,708 | 318,583 | 72,125 | 5,131 | 808 | 313,452 | 71,317 | 4,175,597 | 714,410 |
| Tanaman <i>Crops</i> | | 335,096 | 269,802 | 65,294 | 3,237 | 611 | 266,565 | 64,683 | 3,254,157 | 603,138 |
| Penanaman tanaman tidak kekal <i>Growing of non-perennial crops</i> | 011 | 8,858 | 6,996 | 1,862 | 1,046 | 250 | 5,950 | 1,612 | 70,549 | 18,128 |
| Penanaman tanaman kekal <i>Growing of perennial crops</i> | 012 | 319,196 | 256,671 | 62,525 | 1,799 | 319 | 254,872 | 62,206 | 3,098,411 | 574,655 |
| Pembiakan tumbuhan <i>Plant propagation</i> | 013 | 1,928 | 1,443 | 485 | 97 | 17 | 1,346 | 468 | 17,470 | 5,442 |
| Pertanian campuran <i>Mixed farming</i> | 015 | 139 | 128 | 11 | 33 | 6 | 95 | 5 | 972 | 49 |
| Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian¹ <i>Support activities to agriculture and post-harvest crops activities</i> | 016 | 4,975 | 4,564 | 411 | 262 | 19 | 4,302 | 392 | 66,755 | 4,865 |
| Ternakan <i>Livestock</i> | | 20,056 | 16,361 | 3,695 | 906 | 111 | 15,455 | 3,584 | 257,657 | 57,434 |
| Pengeluaran ternakan <i>Animal production</i> | 014 | 20,030 | 16,336 | 3,694 | 900 | 110 | 15,436 | 3,584 | 257,473 | 57,434 |
| Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak² <i>Support activities for animal production on a fee or contract basis</i> | 016 | 26 | 25 | 1 | 6 | 1 | 19 | - | 184 | - |

Jadual A11: Guna tenaga dalam sektor pertanian mengikut jantina dan kumpulan, 2010 (samb.)
Table A11: Employment in the agriculture sector by gender and group, 2010 (cont'd)

| Keterangan kumpulan <i>Group description</i> | Kod kumpulan <i>Group code</i> | Jumlah <i>Total</i> | Jumlah pekerja <i>Total number of persons engaged</i> | | Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i> | | Pekerja bergaji <i>Paid employees</i> | | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | |
|--|-----------------------------------|------------------------|--|----------------------------|---|----------------------------|--|----------------------------|--|----------------------------|
| | | | Lelaki <i>Male</i> | Perempuan <i>Female</i> | Lelaki <i>Male</i> | Perempuan <i>Female</i> | Lelaki <i>Male</i> | Perempuan <i>Female</i> | Lelaki <i>Male</i> | Perempuan <i>Female</i> |
| | | | | | | | | | (RM '000) | (RM '000) |
| Perhutanan & pembalakan <i>Forestry & logging</i> | | 24,048 | 22,012 | 2,036 | 257 | 8 | 21,755 | 2,028 | 515,434 | 38,318 |
| Silvikultur dan aktiviti perhutanan lain <i>Silviculture and other forestry activities</i> | 021 | 932 | 791 | 141 | 9 | 1 | 782 | 140 | 17,088 | 2,324 |
| Pembalakan <i>Logging</i> | 022 | 18,763 | 17,138 | 1,625 | 194 | 7 | 16,944 | 1,618 | 408,325 | 31,162 |
| Perkhidmatan sokongan perhutanan <i>Support service to forestry</i> | 024 | 4,353 | 4,083 | 270 | 54 | - | 4,029 | 270 | 90,021 | 4,832 |
| Perikanan <i>Fisheries</i> | | 11,508 | 10,408 | 1,100 | 731 | 78 | 9,677 | 1,022 | 148,349 | 15,520 |
| Perikanan <i>Fisheries</i> | 031 | 4,624 | 4,407 | 217 | 313 | 31 | 4,094 | 186 | 61,831 | 2,685 |
| Akuakultur <i>Aquaculture</i> | 032 | 6,884 | 6,001 | 883 | 418 | 47 | 5,583 | 836 | 86,518 | 12,835 |

Nota: ¹ Merujuk kepada kod industri 01610

Notes: Refers to industry code 01610

² Merujuk kepada kod industri 01620

Refers to industry code 01620

Jadual A12: Nilai harta tetap sektor pertanian mengikut jenis harta, 2010

Table A12: Value of fixed assets of agriculture sector by type of assets, 2010

| Jenis harta <i>Type of assets</i> | Nilai buku bersih seperti pada 1.1.2010 <i>Net book value as at 1.1.2010</i> | Perbelanjaan modal <i>Capital expenditure</i> | Harta yang dijual atau ditamatkan penggunaanya <i>Assets sold or discarded</i> | Keuntungan/kerugian daripada jualan/penilaian semula harta <i>Gain/loss from sales/ revaluation of assets</i> | Susut nilai semasa <i>Current depreciation</i> | Nilai buku bersih seperti pada 31.12.2010 <i>Net book value as at 31.12.2010</i> |
|--|---|---|---|---|--|---|
| | (RM '000) | (RM '000) | (RM '000) | (RM '000) | (RM '000) | (RM '000) |
| Jumlah <i>Total</i> | 39,562,306 | 2,800,147 | 623,769 | 168,972 | 1,819,404 | 40,088,252 |
| Harta tetap / Fixed assets | 37,602,177 | 2,403,957 | 474,342 | 158,498 | 1,739,188 | 37,951,143 |
| Tanah / Land | 27,398,592 | 928,270 | 246,586 | 116,774 | 262,923 | 27,934,127 |
| Bangunan dan binaan lain / Buildings and other construction | | | | | | |
| Tempat kediaman / Residential | 1,498,523 | 245,174 | 19,595 | 1,875 | 184,400 | 1,541,619 |
| Bukan tempat kediaman (misalnya stor, pejabat, dsb.) <i>Non-residential (e.g. stores, office, etc.)</i> | 1,694,177 | 207,746 | 34,275 | 3,944 | 135,173 | 1,736,421 |
| Binaan lain kecuali pembangunan tanah <i>Other construction except land improvement</i> | 966,213 | 124,832 | 41,576 | 8,823 | 80,534 | 977,758 |
| Pembangunan tanah / Land improvement | 1,641,835 | 169,546 | 19,845 | 1,988 | 90,046 | 1,703,268 |
| Alat pengangkutan / Transport equipment | | | | | | |
| Kereta penumpang / Passenger cars | 102,822 | 20,619 | 5,765 | 793 | 26,735 | 91,944 |
| Kenderaan perdagangan (misalnya lori, van, pikap) <i>Commercial vehicles (e.g. lorries, vans, pick-ups)</i> | 969,275 | 214,370 | 23,684 | 8,697 | 254,112 | 914,546 |
| Lain-lain / Others | 700,523 | 117,426 | 24,602 | 1,123 | 184,870 | 609,600 |
| Komputer / Computer | | | | | | |
| Perkakasan komputer / Computer hardware | 45,485 | 6,625 | 625 | 1,087 | 10,955 | 41,617 |
| Perisian komputer / Computer software | 7,914 | 2,974 | 147 | 1 | 2,187 | 8,103 |
| Jentera dan kelengkapan / Machinery and equipment | 2,366,424 | 332,282 | 55,202 | 12,922 | 463,545 | 2,193,318 |
| Perabot dan pemasangan / Furniture and fittings | 210,393 | 34,091 | 2,441 | 472 | 43,708 | 198,822 |
| Harta lain / Other assets | 1,960,130 | 396,190 | 149,427 | 10,474 | 80,216 | 2,137,109 |
| Muhibah, paten dll. / Goodwill, patent etc. | 59,395 | 787 | 22 | (2,193) | 3,118 | 54,808 |
| Kerja modal sedang dijalankan / Work in-progress | 495,085 | 232,541 | 74,275 | (869) | 19,007 | 633,475 |
| Lain-lain / Others | 1,405,650 | 162,862 | 75,130 | 13,536 | 58,092 | 1,448,826 |

Jadual A13: Perangkaan utama pertubuhan milikan wanita mengikut subsektor , 2010

Table A13: Principal statistics of women-owned establishments by sub-sector, 2010

| Keterangan subsektor <i>Sub-sector description</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
| | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Jumlah <i>Total</i> | 580 | 1,162,725 | 516,505 | 646,219 | 11,754 | 135,261 | 1,357,469 |
| Tanaman <i>Crops</i> | 440 | 818,389 | 275,083 | 543,306 | 9,771 | 107,021 | 1,111,882 |
| Ternakan <i>Livestock</i> | 66 | 180,590 | 148,493 | 32,096 | 816 | 10,091 | 43,494 |
| Perhutanan & pembalakan <i>Forestry & logging</i> | 18 | 121,222 | 62,134 | 59,088 | 606 | 12,079 | 12,096 |
| Perikanan <i>Fisheries</i> | 56 | 42,524 | 30,795 | 11,729 | 561 | 6,070 | 189,997 |

Jadual A14: Perangkaan utama pertubuhan milikan wanita sektor pertanian mengikut negeri, 2010

Table A14: Principal statistics of women-owned establishments agriculture sector by state, 2010

| Negeri State | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> |
|-----------------------------|---|---|--|---|--|---|--|
| | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Jumlah Total | 580 | 1,162,725 | 516,505 | 646,219 | 11,754 | 135,261 | 1,357,469 |
| Johor | 87 | 183,755 | 123,626 | 60,129 | 1,250 | 14,148 | 140,080 |
| Kedah | 70 | 54,875 | 38,135 | 16,740 | 456 | 4,910 | 12,827 |
| Kelantan | 41 | 15,211 | 7,515 | 7,695 | 538 | 5,038 | 18,002 |
| Melaka | 5 | 42,231 | 11,971 | 30,260 | 335 | 2,923 | 21,366 |
| Negeri Sembilan | 43 | 81,401 | 28,319 | 53,082 | 742 | 6,361 | 79,286 |
| Pahang | 52 | 216,799 | 59,651 | 157,148 | 1,492 | 16,519 | 74,578 |
| Perak | 60 | 52,756 | 20,453 | 32,304 | 467 | 6,440 | 16,367 |
| Perlis | 6 | 286 | 131 | 155 | 17 | 91 | 258 |
| Pulau Pinang | 10 | 6,861 | 3,135 | 3,726 | 119 | 1,665 | 4,817 |
| Sabah | 65 | 319,664 | 122,760 | 196,904 | 4,371 | 51,731 | 698,267 |
| Sarawak | 23 | 75,577 | 52,654 | 22,923 | 703 | 9,660 | 25,388 |
| Selangor¹ | 93 | 63,336 | 27,235 | 36,101 | 778 | 8,685 | 251,092 |
| Terengganu | 25 | 49,972 | 20,921 | 29,051 | 486 | 7,091 | 15,141 |

Nota: ¹ Termasuk W.P. Kuala Lumpur

Note: Includes W.P. Kuala Lumpur

BANCI EKONOMI - TERNAKAN **ECONOMIC CENSUS - LIVESTOCK**



JADUAL TERNAKAN *TABLES ON LIVESTOCK*

Jadual B1: Perangkaan utama subsektor ternakan mengikut kumpulan dan industri, 2010

Table B1: Principal statistics of livestock sub-sector by group and industry, 2010

| Keterangan kumpulan dan industri <i>Group and industry description</i> | Kod kumpulan dan industri <i>Group and industry code</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantara <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> |
|---|--|---|---|--|---|--|---|---|
| | | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Jumlah <i>Total</i> | | 1,089 | 6,591,458 | 5,051,695 | 1,539,763 | 20,056 | 315,091 | 1,859,689 |
| Pengeluaran ternakan <i>Animal production</i> | 014 | 1,084 | 6,590,603 | 5,051,481 | 1,539,122 | 20,030 | 314,907 | 1,859,502 |
| Penternakan, pembiakan dan pengeluaran lembu atau kerbau <i>Raising, breeding and production of cattle or buffaloes</i> | 01411 | 276 | 127,469 | 101,284 | 26,185 | 1,136 | 12,825 | 137,573 |
| Pengeluaran susu mentah daripada lembu atau kerbau <i>Production of raw milk from cows or buffaloes</i> | 01412 | 32 | 19,954 | 13,251 | 6,703 | 250 | 2,675 | 13,298 |
| Penternakan dan pembiakan kuda, keldai, baghal atau hinnes <i>Raising and breeding of horses, asses, mules or hinnes</i> | 01420 | 3 | 1,279 | 321 | 958 | 27 | 296 | 689 |
| Penternakan, pembiakan dan pengeluaran biri-biri dan kambing; Pengeluaran susu mentah biri-biri atau kambing <i>Raising, breeding and production of sheep and goats; Production of raw sheep or goat's milk</i> | 01441 } 01442 } | 116 | 21,644 | 13,554 | 8,090 | 385 | 4,007 | 21,708 |
| Penternakan, pembiakan dan pengeluaran babi <i>Raising, breeding and production of swine/pigs</i> | 01450 | 127 | 612,912 | 462,254 | 150,658 | 2,060 | 37,132 | 111,327 |
| Penternakan, pembiakan dan pengeluaran ayam, ayam daging <i>Raising, breeding and production of chicken, broiler</i> | 01461 | 353 | 3,854,154 | 3,012,550 | 841,604 | 10,187 | 157,387 | 978,020 |

Jadual B1: Perangkaan utama subsektor ternakan mengikut kumpulan dan industri, 2010 (samb.)

Table B1: Principal statistics of livestock sub-sector by group and industry, 2010 (cont'd)

| Keterangan kumpulan dan industri <i>Group and industry description</i> | Kod kumpulan dan industri <i>Group and industry code</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> |
|--|---|--|--|---|--------------------------------------|---|--|--|
| | | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Penternakan, pembiakan dan pengeluaran itik <i>Raising, breeding and production of ducks</i> | 01462 | 22 | 245,430 | 212,794 | 32,636 | 744 | 14,143 | 45,450 |
| Penternakan, pembiakan dan pengeluaran burung puyuh <i>Raising, breeding and production of quails</i> | 01464 | 12 | 9,785 | 8,048 | 1,737 | 45 | 694 | 3,891 |
| Pengeluaran telur ayam <i>Production of chicken eggs</i> | 01466 | 61 | 1,646,917 | 1,191,523 | 455,394 | 4,699 | 79,236 | 506,537 |
| Pengeluaran telur itik <i>Production of duck eggs</i> | 01467 | 11 | 35,181 | 28,040 | 7,141 | 193 | 2,736 | 8,315 |
| Penternakan dan pembiakan unggas lain t.t.t.l; Pengeluaran telur unggas lain t.t.t.l <i>Raising and breeding of other poultry n.e.c; Production of other poultry eggs n.e.c</i> | 01465 } 01468 } | 6 | 791 | 399 | 392 | 15 | 93 | 11,459 |
| Penternakan, pembiakan dan pengeluaran haiwan separuh jinak <i>Raising, breeding and production of semi-domesticated</i> | 01491 | 7 | 5,582 | 2,006 | 3,576 | 103 | 2,194 | 2,266 |
| Operasi ternakan cacing, moluska, siput; Penternakan ulat sutera dan pengeluaran hasil kepompong ulat sutera; Penternakan lebah dan pengeluaran hasil madu dan lilin lebah <i>Operation of worm farms, land mollusc farms, snail farms; Raising of silk worms and production of silk worm cocoons; Bee keeping and production of honey and beeswax</i> | 01493 } 01494 } 01495 } | 6 | 1,342 | 821 | 521 | 33 | 283 | 708 |

Jadual B1: Perangkaan utama subsektor ternakan mengikut kumpulan dan industri, 2010 (samb.)

Table B1: Principal statistics of livestock sub-sector by group and industry, 2010 (cont'd)

| Keterangan kumpulan dan industri <i>Group and industry description</i> | Kod kumpulan dan industri <i>Group and industry code</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantara <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end the year</i> |
|--|--|---|---|--|---|--|---|--|
| | | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Penternakan dan pembiakan haiwan peliharaan <i>Raising and breeding of pet animals</i> | 01496 | 8 | 2,763 | 2,166 | 597 | 32 | 338 | 2,414 |
| Penternakan dan pembiakan burung walit <i>Raising and breeding of swiftlet</i> | 01497 | 41 | 3,007 | 974 | 2,033 | 103 | 522 | 14,216 |
| Pengeluaran kulit berbulu, kulit burung atau reptilia dari operasi ladang ternakan; Penternakan pelbagai/haiwan t.t.t.l <i>Production of fur skins, reptile or bird's skin from ranching operation; Raising of diverse/other animals n.e.c</i> | 01492 } 01499 } | 3 | 2,393 | 1,496 | 897 | 18 | 346 | 1,631 |
| Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian <i>Support activities to agriculture and post-harvest crops activities</i> | 016 | 5 | 855 | 214 | 641 | 26 | 184 | 187 |
| Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak <i>Agricultural activities for animal production on a fee or contract</i> | 01620 | 5 | 855 | 214 | 641 | 26 | 184 | 187 |

Jadual B2: Perangkaan utama subsektor ternakan mengikut negeri, 2010

Table B2: Principal statistics of livestock sub-sector by state, 2010

| Negeri State | Bilangan pertubuhan Number of establishments | Nilai output kasar Value of gross output | Nilai input perantaraan Value of intermediate input | Nilai ditambah Value added | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir Total number of persons engaged during December or the last pay period | Gaji & upah yang dibayar Salaries & wages paid | Nilai harta tetap yang dimiliki pada akhir tahun Value of fixed assets owned as at the end of the year |
|-------------------------|---|---|---|-------------------------------------|--|---|---|
| | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Jumlah Total | 1,089 | 6,591,458 | 5,051,695 | 1,539,763 | 20,056 | 315,091 | 1,859,689 |
| Johor | 182 | 1,445,113 | 1,075,245 | 369,868 | 4,705 | 76,367 | 411,723 |
| Kedah | 68 | 249,880 | 207,642 | 42,238 | 619 | 8,366 | 79,877 |
| Kelantan | 39 | 58,168 | 48,980 | 9,188 | 214 | 1,043 | 15,918 |
| Melaka | 65 | 1,239,913 | 820,884 | 419,029 | 1,989 | 32,205 | 275,159 |
| Negeri Sembilan | 88 | 382,510 | 288,665 | 93,845 | 1,915 | 34,645 | 139,015 |
| Pahang | 111 | 82,097 | 57,535 | 24,562 | 612 | 6,294 | 38,390 |
| Perak | 187 | 1,075,618 | 900,638 | 174,980 | 3,136 | 49,292 | 270,231 |
| Perlis | 4 | 20,984 | 18,151 | 2,833 | 37 | 438 | 3,454 |
| Pulau Pinang | 72 | 588,085 | 487,635 | 100,450 | 1,245 | 23,288 | 55,130 |
| Sabah | 51 | 391,342 | 309,223 | 82,119 | 1,538 | 18,152 | 214,319 |
| Sarawak | 60 | 434,965 | 361,099 | 73,866 | 1,693 | 23,375 | 139,995 |
| Selangor | 127 | 567,575 | 429,020 | 138,555 | 2,078 | 38,742 | 204,611 |
| Terengganu | 32 | 43,223 | 36,085 | 7,138 | 225 | 2,455 | 9,255 |
| W.P Labuan | 3 | 11,985 | 10,893 | 1,092 | 50 | 429 | 2,612 |

Jadual B3: Perangkaan utama subsektor ternakan mengikut taraf sah, 2010

Table B3: Principal statistics of livestock sub-sector by legal organisation, 2010

| Taraf sah <i>Legal organisation</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> |
|--|---|---|--|---|--|---|--|
| | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Jumlah <i>Total</i> | 1,089 | 6,591,458 | 5,051,695 | 1,539,763 | 20,056 | 315,091 | 1,859,689 |
| Hak milik perseorangan <i>Individual proprietorship</i> | 529 | 297,012 | 227,708 | 69,304 | 2,320 | 18,044 | 76,706 |
| Perkongsian <i>Partnership</i> | 139 | 365,832 | 315,284 | 50,548 | 1,310 | 12,908 | 40,944 |
| Syarikat sendirian berhad <i>Private limited company</i> | 418 | 5,721,583 | 4,334,790 | 1,386,793 | 16,096 | 276,018 | 1,674,721 |
| Syarikat awam berhad <i>Public limited company</i> | } | 207,031 | 173,913 | 33,118 | 330 | 8,121 | 67,318 |
| Syarikat koperasi <i>Co-operative</i> | | | | | | | |
| Perbadanan awam <i>Public corporation</i> | | | | | | | |

Jadual B4: Perangkaan utama subsektor ternakan mengikut hak milik, 2010
Table B4: Principal statistics of livestock sub-sector by ownership, 2010

| Hak milik <i>Ownership</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> |
|---|---|---|--|---|--|---|---|
| | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Jumlah <i>Total</i> | 1,089 | 6,591,458 | 5,051,695 | 1,539,763 | 20,056 | 315,091 | 1,859,689 |
| Residen Malaysia <i>Malaysian residents</i> | 1,084 | 6,542,173 | 5,014,015 | 1,528,158 | 19,862 | 310,520 | 1,838,377 |
| Bukan Residen Malaysia <i>Non-Malaysian residents</i> | 5 | 49,285 | 37,680 | 11,605 | 194 | 4,571 | 21,312 |

Jadual B5: Perangkaan utama subsektor ternakan mengikut saiz pekerja, 2010
Table B5: Principal statistics of livestock sub-sector by employment size, 2010

| Saiz pekerja <i>Employment size</i> | | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> |
|--|--------------------------------------|---|---|--|---|--|---|--|
| | | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Jumlah <i>Total</i> | | 1,089 | 6,591,458 | 5,051,695 | 1,539,763 | 20,056 | 315,091 | 1,859,689 |
| Kurang daripada <i>Below</i> | 5 | 559 | 133,411 | 89,558 | 43,853 | 1,242 | 7,739 | 76,073 |
| 5 | - 9 | 216 | 521,685 | 435,623 | 86,062 | 1,407 | 17,758 | 109,793 |
| 10 | - 19 | 130 | 584,261 | 453,896 | 130,365 | 1,772 | 26,608 | 138,887 |
| 20 | - 29 | 44 | 370,058 | 296,244 | 73,814 | 1,048 | 17,503 | 71,515 |
| 30 | - 49 | 49 | 1,084,388 | 943,723 | 140,665 | 1,866 | 29,018 | 180,757 |
| 50 | - 99 | 48 | 944,238 | 748,563 | 195,675 | 3,407 | 62,126 | 290,776 |
| 100 | - 199 | 28 | 1,337,871 | 890,208 | 447,663 | 3,661 | 58,318 | 378,859 |
| 200 | - 499 | 12 | 1,262,689 | 928,062 | 334,627 | 3,689 | 67,871 | 472,903 |
| 500 | dan lebih <i>and above</i> | 3 | 352,857 | 265,818 | 87,039 | 1,964 | 28,150 | 140,126 |

Jadual B6: Perangkaan utama subsektor ternakan mengikut saiz output, 2010
Table B6: Principal statistics of livestock sub-sector by output size, 2010

| Saiz output <i>Output size</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> | |
|--|---|---|--|---|--|---|---|--------|
| (RM '000) | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) | |
| Jumlah Total | 1,089 | 6,591,458 | 5,051,695 | 1,539,763 | 20,056 | 315,091 | 1,859,689 | |
| Kurang daripada <i>Below</i> | 50 | 276 | 5,974 | 3,346 | 2,628 | 534 | 1,445 | 32,424 |
| 50 - 99 | 133 | 9,545 | 4,713 | 4,832 | 356 | 2,069 | 12,316 | |
| 100 - 199 | 112 | 15,925 | 8,250 | 7,675 | 432 | 4,391 | 33,313 | |
| 200 - 499 | 106 | 34,457 | 18,205 | 16,252 | 672 | 6,611 | 23,775 | |
| 500 - 999 | 72 | 53,870 | 40,585 | 13,285 | 492 | 6,046 | 68,233 | |
| 1,000 - 4,999 | 180 | 424,364 | 326,485 | 97,879 | 2,100 | 30,868 | 111,903 | |
| 5,000 - 9,999 | 80 | 572,756 | 426,520 | 146,236 | 2,463 | 39,311 | 177,855 | |
| 10,000 - 49,999 | 96 | 2,127,723 | 1,690,466 | 437,257 | 6,080 | 106,329 | 570,212 | |
| 50,000 - 99,999 | 24 | 1,586,271 | 1,269,733 | 316,538 | 3,591 | 57,790 | 466,302 | |
| 100,000 dan lebih <i>and above</i> | 10 | 1,760,573 | 1,263,392 | 497,181 | 3,336 | 60,231 | 363,356 | |

Jadual B7: Perangkaan utama subsektor ternakan mengikut saiz harta tetap, 2010

Table B7: Principal statistics of livestock sub-sector by fixed assets size, 2010

| Saiz harta tetap <i>Fixed Assets size</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> | |
|--|---|---|--|---|--|---|--|---------|
| (RM '000) | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) | |
| Jumlah <i>Total</i> | 1,089 | 6,591,458 | 5,051,695 | 1,539,763 | 20,056 | 315,091 | 1,859,689 | |
| Kurang daripada <i>Below</i> | 50 | 396 | 261,621 | 204,983 | 56,638 | 1,548 | 14,710 | 6,099 |
| 50 | - 99 | 137 | 97,757 | 82,136 | 15,621 | 552 | 5,605 | 9,928 |
| 100 | - 199 | 141 | 212,017 | 133,269 | 78,748 | 1,081 | 12,156 | 20,060 |
| 200 | - 499 | 151 | 378,916 | 284,841 | 94,075 | 1,422 | 19,906 | 47,342 |
| 500 | - 999 | 66 | 376,157 | 287,126 | 89,031 | 852 | 12,798 | 50,680 |
| 1,000 | - 4,999 | 122 | 1,907,978 | 1,618,692 | 289,286 | 4,780 | 82,812 | 292,154 |
| 5,000 | - 9,999 | 33 | 743,322 | 592,884 | 150,438 | 2,000 | 39,310 | 232,414 |
| 10,000 | - 49,999 | 37 | 1,839,714 | 1,238,244 | 601,470 | 5,473 | 89,385 | 795,020 |
| 50,000 | dan lebih <i>and above</i> | 6 | 773,976 | 609,520 | 164,456 | 2,348 | 38,409 | 405,992 |

Jadual B8: Guna tenaga dan gaji & upah dalam subsektor ternakan mengikut kategori pekerja, 2010
Table B8: Employment and salaries & wages in the livestock sub-sector by category of workers, 2010

| Kategori pekerja <i>Category of workers</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | | | Gaji & upah yang dibayar <i>Salaries & wages paid</i> |
|---|--|-----------------------|----------------------------|---|
| | Jumlah <i>Total</i> | Lelaki <i>Male</i> | Perempuan <i>Female</i> | |
| Jumlah <i>Total</i> | 20,056 | 16,361 | 3,695 | 315,091 |
| Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Total working proprietors and unpaid family workers</i> | 1,017 | 906 | 111 | n.a |
| Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i> | 800 | 748 | 52 | n.a |
| Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i> | 217 | 158 | 59 | n.a |
| Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i> | 18,702 | 15,170 | 3,532 | 313,179 |
| Pengurusan, profesional dan eksekutif <i>Managerial, professionals and executives</i> | 1,243 | 1,005 | 238 | 79,199 |
| Juruteknik dan profesional bersekutu (cth. penyelia, mandur) <i>Technicians and associate professionals (e.g. supervisor, mandores)</i> | 907 | 784 | 123 | 25,128 |
| Perkeranian (cth. kerani, penyambut tetamu) <i>Clerical occupation (e.g. clerks, receptionist)</i> | 1,369 | 344 | 1,025 | 25,520 |
| Pekerjaan asas (cth. pemandu, pengawal keselamatan) <i>Elementary occupation (e.g. drivers, security guards)</i> | 1,202 | 1,021 | 181 | 17,345 |
| Pekerja buruh pertanian diambil secara langsung (cth. pekerja ladang, penternak) <i>Agricultural labour workers directly employed (e.g. field workers, livestock farmers)</i> | 12,713 | 10,838 | 1,875 | 149,727 |
| Pekerja diambil bekerja melalui kontraktor buruh <i>Workers employed through labour contractors</i> | 1,268 | 1,178 | 90 | 16,260 |
| Jumlah pekerja bergaji (sambilan) <i>Total paid employees (part-time)</i> | 337 | 285 | 52 | 1,912 |

Jadual B9: Guna tenaga dalam subsektor ternakan mengikut kumpulan dan industri, 2010

Table B9: Employment in the livestock sub-sector by group and industry, 2010

| Keterangan kumpulan dan industri <i>Group and industry description</i> | Kod kumpulan dan industri <i>Group and industry code</i> | Bilangan pertubuhan <i>Number of establishments</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | | | |
|---|---|--|---|---|--|--|
| | | | Jumlah <i>Total</i> | Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i> | Pekerja sepenuh masa <i>Full-time employees</i> | Pekerja sambilan <i>Part-time employees</i> |
| Jumlah <i>Total</i> | | 1,089 | 20,056 | 1,017 | 18,702 | 337 |
| Pengeluaran ternakan <i>Animal production</i> | 014 | 1,084 | 20,030 | 1,010 | 18,683 | 337 |
| Penternakan, pembiakan dan pengeluaran lembu atau kerbau <i>Raising, breeding and production of cattle or buffaloes</i> | 01411 | 276 | 1,136 | 259 | 803 | 74 |
| Pengeluaran susu mentah daripada lembu atau kerbau <i>Production of raw milk from cows or buffaloes</i> | 01412 | 32 | 250 | 34 | 213 | 3 |
| Penternakan dan pembiakan kuda, keldai, baghal atau hinnes <i>Raising and breeding of horses, asses, mules or hinnes</i> | 01420 | 3 | 27 | - | 22 | 5 |
| Penternakan, pembiakan dan pengeluaran biri-biri dan kambing; Pengeluaran susu mentah biri-biri atau kambing <i>Raising, breeding and production of sheep and goats; Production of raw sheep or goat's milk</i> | 01441 } 01442 } | 116 | 385 | 139 | 237 | 9 |
| Penternakan, pembiakan dan pengeluaran babi <i>Raising, breeding and production of swine/pigs</i> | 01450 | 127 | 2,060 | 125 | 1,912 | 23 |
| Penternakan, pembiakan dan pengeluaran ayam, ayam daging <i>Raising, breeding and production of chicken, broiler</i> | 01461 | 353 | 10,187 | 317 | 9,687 | 183 |

Jadual B9: Guna tenaga dalam subsektor ternakan mengikut kumpulan dan industri, 2010 (samb.)

Table B9: Employment in the livestock sub-sector by group and industry, 2010 (cont'd)

| Keterangan kumpulan dan industri <i>Group and industry description</i> | Kod kumpulan dan industri <i>Group and industry code</i> | Bilangan pertubuhan <i>Number of establishments</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | | | |
|--|---|--|---|---|--|--|
| | | | Jumlah <i>Total</i> | Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i> | Pekerja sepenuh masa <i>Full-time employees</i> | Pekerja sambilan <i>Part-time employees</i> |
| Penternakan, pembiakan dan pengeluaran itik <i>Raising, breeding and production of ducks</i> | 01462 | 22 | 744 | 8 | 726 | 10 |
| Penternakan, pembiakan dan pengeluaran burung puyuh <i>Raising, breeding and production of quails</i> | 01464 | 12 | 45 | 15 | 30 | - |
| Pengeluaran telur ayam <i>Production of chicken eggs</i> | 01466 | 61 | 4,699 | 51 | 4,630 | 18 |
| Pengeluaran telur itik <i>Production of duck eggs</i> | 01467 | 11 | 193 | 11 | 181 | 1 |
| Penternakan dan pembiakan unggas lain t.t.t.l.; Pengeluaran telur unggas lain t.t.t.l <i>Raising and breeding of other poultry n.e.c; Production of other poultry eggs n.e.c</i> | 01465 } 01468 } | 6 | 15 | 5 | 8 | 2 |
| Penternakan, pembiakan dan pengeluaran haiwan separuh jinak <i>Raising, breeding and production of semi-domesticated</i> | 01491 | 7 | 103 | 5 | 96 | 2 |
| Operasi ternakan cacing, moluska, siput; Penternakan ulat sutera dan pengeluaran hasil kepompong ulat sutera; Penternakan lebah dan pengeluaran hasil madu dan lilin lebah <i>Operation of worm farms, land mollusc farms, snail farms; Raising of silk worms and production of silk worm cocoons; Bee keeping and production of honey and beeswax</i> | 01493 } 01494 } 01495 } | 6 | 33 | 5 | 28 | - |

Jadual B9: Guna tenaga dalam subsektor ternakan mengikut kumpulan dan industri, 2010 (samb.)

Table B9: Employment in the livestock sub-sector by group and industry, 2010 (cont'd)

| Keterangan kumpulan dan industri <i>Group and industry description</i> | Kod kumpulan dan industri <i>Group and industry code</i> | Bilangan pertubuhan <i>Number of establishments</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | | | |
|--|---|--|---|---|--|--|
| | | | Jumlah <i>Total</i> | Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i> | Pekerja sepenuh masa <i>Full-time employees</i> | Pekerja sambilan <i>Part-time employees</i> |
| Penternakan dan pembiakan haiwan peliharaan <i>Raising and breeding of pet animals</i> | 01496 | 8 | 32 | 4 | 28 | - |
| Penternakan dan pembiakan burung walit <i>Raising and breeding of swiftlet</i> | 01497 | 41 | 103 | 32 | 64 | 7 |
| Pengeluaran kulit berbulu, kulit burung atau reptilia dari operasi ladang ternakan; Penternakan pelbagai/haiwan t.t.t.l <i>Production of fur skins, reptile or bird's skin from ranching operation; Raising of diverse/other animals n.e.c</i> | 01492 } 01499 } | 3 | 18 | - | 18 | - |
| Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian <i>Support activities to agriculture and post-harvest crops activities</i> | 016 | 5 | 26 | 7 | 19 | - |
| Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak <i>Agricultural activities for animal production on a fee or contract</i> | 01620 | 5 | 26 | 7 | 19 | - |

Jadual B10: Guna tenaga dalam subsektor ternakan mengikut jantina dan industri, 2010

Table B10: Employment in the livestock sub-sector by gender and industry, 2010

| Keterangan kumpulan dan industri <i>Group and industry description</i> | Kod kumpulan dan industri <i>Group and industry code</i> | Jumlah <i>Total</i> | Jumlah pekerja <i>Total number of persons engaged</i> | | Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i> | | Pekerja bergaji <i>Paid employees</i> | | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | |
|---|---|------------------------|--|----------------------------|---|----------------------------|--|----------------------------|--|---|
| | | | Lelaki <i>Male</i> | Perempuan <i>Female</i> | Lelaki <i>Male</i> | Perempuan <i>Female</i> | Lelaki <i>Male</i> | Perempuan <i>Female</i> | Lelaki <i>Male</i> (RM '000) | Perempuan <i>Female</i> (RM '000) |
| Jumlah <i>Total</i> | | 20,056 | 16,361 | 3,695 | 906 | 111 | 15,455 | 3,584 | 257,657 | 57,434 |
| Pengeluaran ternakan <i>Animal production</i> | 014 | 20,030 | 16,336 | 3,694 | 900 | 110 | 15,436 | 3,584 | 257,473 | 57,434 |
| Penternakan, pembiakan dan pengeluaran lembu atau kerbau <i>Raising, breeding and production of cattle or buffaloes</i> | 01411 | 1,136 | 1,024 | 112 | 237 | 22 | 787 | 90 | 11,028 | 1,797 |
| Pengeluaran susu mentah daripada lembu atau kerbau <i>Production of raw milk from cows or buffaloes</i> | 01412 | 250 | 201 | 49 | 31 | 3 | 170 | 46 | 2,018 | 657 |
| Penternakan dan pembiakan kuda, keldai, baghal atau hinnes <i>Raising and breeding of horses, asses, mules or hinnes</i> | 01420 | 27 | 21 | 6 | - | - | 21 | 6 | 226 | 70 |
| Penternakan, pembiakan dan pengeluaran biri-biri dan kambing; Pengeluaran susu mentah biri-biri atau kambing <i>Raising, breeding and production of sheep and goats; Production of raw sheep or goat's milk</i> | 01441 } 01442 } | 385 | 323 | 62 | 123 | 16 | 200 | 46 | 3,296 | 711 |
| Penternakan, pembiakan dan pengeluaran babi <i>Raising, breeding and production of swine/pigs</i> | 01450 | 2,060 | 1,747 | 313 | 117 | 8 | 1,630 | 305 | 32,146 | 4,986 |
| Penternakan, pembiakan dan pengeluaran ayam, ayam daging <i>Raising, breeding and production of chicken, broiler</i> | 01461 | 10,187 | 8,465 | 1,722 | 279 | 38 | 8,186 | 1,684 | 129,634 | 27,753 |

Jadual B10: Guna tenaga dalam subsektor ternakan mengikut jantina dan industri, 2010 (samb.)
Table B10: Employment in the livestock sub-sector by gender and industry, 2010 (cont'd)

| Keterangan kumpulan dan industri <i>Group and industry description</i> | Kod kumpulan dan industri <i>Group and industry code</i> | Jumlah <i>Total</i> | Jumlah pekerja <i>Total number of persons engaged</i> | | Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i> | | Pekerja bergaji <i>Paid employees</i> | | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | |
|--|---|------------------------|--|----------------------------|---|----------------------------|--|----------------------------|--|---|
| | | | Lelaki <i>Male</i> | Perempuan <i>Female</i> | Lelaki <i>Male</i> | Perempuan <i>Female</i> | Lelaki <i>Male</i> | Perempuan <i>Female</i> | Lelaki <i>Male</i> (RM '000) | Perempuan <i>Female</i> (RM '000) |
| Penternakan, pembiakan dan pengeluaran itik <i>Raising, breeding and production of ducks</i> | 01462 | 744 | 614 | 130 | 6 | 2 | 608 | 128 | 11,855 | 2,288 |
| Penternakan, pembiakan dan pengeluaran burung puyuh <i>Raising, breeding and production of quails</i> | 01464 | 45 | 42 | 3 | 12 | 3 | 30 | - | 694 | - |
| Pengeluaran telur ayam <i>Production of chicken eggs</i> | 01466 | 4,699 | 3,463 | 1,236 | 40 | 11 | 3,423 | 1,225 | 61,115 | 18,121 |
| Pengeluaran telur itik <i>Production of duck eggs</i> | 01467 | 193 | 175 | 18 | 10 | 1 | 165 | 17 | 2,488 | 248 |
| Penternakan dan pembiakan unggas lain t.t.t.l; Pengeluaran telur unggas lain t.t.t.l <i>Raising and breeding of other poultry n.e.c;</i> <i>Production of other poultry eggs n.e.c</i> | 01465 } 01468 } | 15 | 14 | 1 | 5 | - | 9 | 1 | 69 | 24 |
| Penternakan, pembiakan dan pengeluaran haiwan separuh jinak <i>Raising, breeding and production of semi-domesticated</i> | 01491 | 103 | 80 | 23 | 4 | 1 | 76 | 22 | 1,608 | 586 |
| Operasi ternakan cacing, moluska, siput; Penternakan ulat sutera dan pengeluaran hasil kepompong ulat sutera; Penternakan lebah dan pengeluaran hasil madu dan lilin lebah <i>Operation of worm farms, land mollusc farms, snail farms; Raising of silk worms and production of silk worm cocoons; Bee keeping and production of honey and beeswax</i> | 01493 } 01494 } 01495 } | 33 | 30 | 3 | 5 | - | 25 | 3 | 252 | 31 |

Jadual B10: Guna tenaga dalam subsektor ternakan mengikut jantina dan industri, 2010 (samb.)
Table B10: Employment in the livestock sub-sector by gender and industry, 2010 (cont'd)

| Keterangan kumpulan dan industri <i>Group and industry description</i> | Kod kumpulan dan industri <i>Group and industry code</i> | Jumlah <i>Total</i> | Jumlah pekerja <i>Total number of persons engaged</i> | | Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i> | | Pekerja bergaji <i>Paid employees</i> | | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | |
|--|---|------------------------|--|----------------------------|---|----------------------------|--|----------------------------|--|---|
| | | | Lelaki <i>Male</i> | Perempuan <i>Female</i> | Lelaki <i>Male</i> | Perempuan <i>Female</i> | Lelaki <i>Male</i> | Perempuan <i>Female</i> | Lelaki <i>Male</i> (RM '000) | Perempuan <i>Female</i> (RM '000) |
| Penternakan dan pembiakan haiwan peliharaan <i>Raising and breeding of pet animals</i> | 01496 | 32 | 28 | 4 | 4 | - | 24 | 4 | 298 | 40 |
| Penternakan dan pembiakan burung walit <i>Raising and breeding of swiftlet</i> | 01497 | 103 | 95 | 8 | 27 | 5 | 68 | 3 | 492 | 30 |
| Pengeluaran kulit berbulu, kulit burung atau reptilia dari operasi ladang ternakan; Penternakan pelbagai/haiwan t.t.t.l <i>Production of fur skins, reptile or bird's skin from ranching operation; Raising of diverse/other animals n.e.c</i> | 01492 } 01499 } | 18 | 14 | 4 | - | - | 14 | 4 | 254 | 92 |
| Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian <i>Support activities to agriculture and post-harvest crops activities</i> | 016 | 26 | 25 | 1 | 6 | 1 | 19 | - | 184 | - |
| Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak <i>Agricultural activities for animal production on a fee or contract</i> | 01620 | 26 | 25 | 1 | 6 | 1 | 19 | - | 184 | - |

Jadual B11: Nilai harta tetap subsektor ternakan mengikut jenis harta, 2010

Table B11: Value of fixed assets of livestock sub-sector by type of assets, 2010

| Jenis harta <i>Type of assets</i> | Nilai buku bersih seperti pada 01.01.2010 <i>Net book value as at 01.01.2010</i> | Perbelanjaan modal <i>Capital expenditure</i> | Harta yang dijual atau ditamatkan penggunaannya <i>Assets sold or discarded</i> | Keuntungan/Kerugian daripada jualan/penilaian semula harta <i>Gain/loss from sales/ revaluation of assets</i> | Susut nilai semasa <i>Current depreciation</i> | Nilai buku bersih seperti pada 31.12.2010 <i>Net book value as at 31.12.2010</i> |
|---|---|---|--|---|--|---|
| | (RM '000) | (RM '000) | (RM '000) | (RM '000) | (RM '000) | (RM '000) |
| Jumlah <i>Total</i> | 1,907,174 | 154,971 | 33,898 | 20,824 | 189,382 | 1,859,689 |
| Harta tetap/Fixed assets | 1,862,190 | 130,853 | 15,771 | 20,710 | 179,118 | 1,818,864 |
| Tanah/Land | 601,754 | 27,564 | 1,239 | 5,574 | 13,894 | 619,758 |
| Bangunan dan binaan lain/Buildings and other construction | | | | | | |
| Tempat kediaman/Residential | 44,658 | 5,134 | 68 | - | 3,355 | 46,369 |
| Bukan tempat kediaman (cth. stor, pejabat, dll.) <i>Non-residential (e.g. stores, office, etc.)</i> | 365,195 | 22,184 | 5,853 | 3,603 | 29,524 | 355,605 |
| Binaan lain kecuali pembangunan tanah <i>Other construction except land improvement</i> | 198,040 | 16,736 | 840 | 8,706 | 18,286 | 204,357 |
| Pembangunan tanah/Land improvement | 45,380 | 207 | 1 | 1,416 | 5,798 | 41,205 |
| Alat pengangkutan/Transport equipment | | | | | | |
| Kereta penumpang/Passenger cars | 16,965 | 1,292 | 5 | (143) | 3,950 | 14,158 |
| Kenderaan perdagangan (cth. lori, van, pikap dll.) <i>Commercial vehicles (e.g. lorries, vans, pick-ups, etc.)</i> | 112,217 | 14,431 | 2,095 | 967 | 27,298 | 98,222 |
| Lain-lain/Others | 2,846 | 99 | - | - | 292 | 2,653 |
| Komputer/Computer | | | | | | |
| Perkakasan komputer/Computer hardware | 3,784 | 106 | 81 | 80 | 896 | 2,992 |
| Perisian komputer/Computer software | 252 | 6 | 0.0 | - | 51 | 207 |
| Jentera dan kelengkapan/Machinery and equipment | 432,781 | 40,055 | 5,079 | 291 | 70,056 | 397,993 |
| Perabot dan pemasangan/Furniture and fittings | 38,318 | 3,039 | 510 | 216 | 5,718 | 35,345 |
| Harta lain/Other assets | 44,984 | 24,118 | 18,127 | 114 | 10,264 | 40,825 |
| Muhibah, paten dll./Goodwill, patent etc. | 881 | 67 | - | - | 122 | 826 |
| Kerja modal sedang dijalankan/Work in-progress | 22,867 | 21,711 | 17,065 | - | 877 | 26,636 |
| Lain-lain/Others | 21,236 | 2,340 | 1,062 | 114 | 9,265 | 13,363 |

Jadual B12: Perangkaan utama pertubuhan milikan wanita subsektor ternakan mengikut kumpulan dan industri, 2010

Table B12: Principal statistics of women-owned establishment of livestock sub-sector by group and industry, 2010

| Keterangan kumpulan dan industri <i>Group and code description</i> | Kod kumpulan dan industri <i>Group and industry code</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end the year</i> |
|--|---|--|--|---|--------------------------------------|---|--|---|
| | | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Jumlah <i>Total</i> | | 66 | 180,590 | 148,493 | 32,096 | 816 | 10,091 | 43,494 |
| Pengeluaran ternakan <i>Animal production</i> | 014 | 66 | 180,590 | 148,493 | 32,096 | 816 | 10,091 | 43,494 |
| Penternakan, pembiakan dan pengeluaran ayam, ayam daging; Penternakan, pembiakan dan pengeluaran itik <i>Raising, breeding and production of chicken, broiler; Raising, breeding and production of ducks</i> | 01461 } 01462 } | 21 | 97,456 | 85,002 | 12,454 | 333 | 4,053 | 17,841 |
| Penternakan, pembiakan dan pengeluaran lembu atau kerbau <i>Raising, breeding and production of cattle or buffaloes</i> | 01411 | 20 | 8,462 | 4,930 | 3,531 | 111 | 1,071 | 5,095 |
| Penternakan, pembiakan dan pengeluaran babi <i>Raising, breeding and production of swine/pigs</i> | 01450 | 10 | 46,012 | 36,027 | 9,985 | 187 | 2,644 | 13,043 |
| Penternakan, pembiakan dan pengeluaran biri-biri dan kambing <i>Raising, breeding and production of sheep and goats</i> | 01441 | 8 | 613 | 394 | 219 | 16 | 66 | 322 |
| Pengeluaran telur ayam <i>Production of chicken eggs</i> | 01466 | 3 | 21,950 | 19,306 | 2,644 | 107 | 1,508 | 2,567 |
| Pengeluaran susu mentah daripada lembu atau kerbau; Penternakan, pembiakan dan pengeluaran burung puyuh; Penternakan dan pembiakan burung walit <i>Production of raw milk from cows or buffaloes; Raising, breeding and production of quails; Raising and breeding of swiftlet</i> | 01441 | 4 | 6,097 | 2,834 | 3,263 | 62 | 749 | 4,628 |

Jadual B13: Perangkaan utama pertubuhan milikan wanita bagi subsektor ternakan mengikut negeri, 2010*Table B13: Principal statistics of women-owned establishments of livestock sub-sector by state, 2010*

| Negeri <i>State</i> | Bilangan pertubuhan <i>Number of establishments</i> | Nilai output kasar <i>Value of gross output</i> | Nilai input perantaraan <i>Value of intermediate input</i> | Nilai ditambah <i>Value added</i> | Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i> | Gaji & upah yang dibayar <i>Salaries & wages paid</i> | Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> |
|------------------------------------|---|---|--|---|--|---|---|
| | | (RM '000) | (RM '000) | (RM '000) | | (RM '000) | (RM '000) |
| Jumlah Total | 66 | 180,590 | 148,493 | 32,096 | 816 | 10,091 | 43,494 |
| Johor | 11 | 81,949 | 76,081 | 5,868 | 158 | 1,933 | 17,310 |
| Kedah | 6 | 382 | 130 | 252 | 19 | 71 | 828 |
| Kelantan | 4 | 387 | 300 | 87 | 11 | 19 | 185 |
| Negeri Sembilan¹ | 8 | 8,432 | 6,349 | 2,083 | 66 | 909 | 246 |
| Pahang | 5 | 5,067 | 3,371 | 1,696 | 37 | 495 | 1,564 |
| Perak | 11 | 17,708 | 15,260 | 2,447 | 90 | 965 | 1,830 |
| Sabah | 3 | 19,419 | 14,663 | 4,756 | 131 | 1,687 | 5,523 |
| Sarawak | 4 | 26,486 | 20,185 | 6,301 | 123 | 1,548 | 9,571 |
| Selangor | 10 | 20,086 | 11,775 | 8,311 | 169 | 2,372 | 6,185 |
| Terengganu | 4 | 674 | 379 | 295 | 12 | 92 | 252 |

Nota: ¹ Termasuk Melaka*Note: Include Melaka*

BANCI EKONOMI **ECONOMIC CENSUS**



**PIAWAIAN KLASIFIKASI INDUSTRI
MALAYSIA 2008 VER. 1.0
(SEKTOR PERTANIAN)**

**MALAYSIA STANDARD INDUSTRIAL
CLASSIFICATION 2008 VER 1.0
(AGRICULTURE SECTOR)**



LAMPIRAN
 APPENDIX

| Kumpulan Group | Perkara Item | Keterangan Description | MSIC 2000 |
|----------------|---|--|---------------|
| 011 | Penanaman tanaman tidak kekal <i>Growing of non-perennial crops</i> | | |
| | 01111 | Penanaman jagung <i>Growing of maize</i> | 01119p |
| | 01112 | Penanaman tanaman kekacang <i>Growing of leguminous crops</i> | 01119p |
| | 01113 | Penanaman bijian berminyak <i>Growing of oil seeds</i> | 01119p |
| | 01119 | Penanaman bijirin lain t.t.t.l. <i>Growing of other cereals n.e.c.</i> | 01119p |
| | 01120 | Penanaman padi <i>Growing of paddy</i> | 01111 |
| | 01131 | Penanaman sayur-sayuran berdaun atau berbatang <i>Growing of leafy or stem vegetables</i> | 01121p |
| | 01132 | Penanaman sayur-sayuran berbuah <i>Growing of fruits bearing vegetables</i> | 01121p |
| | 01133 | Penanaman tembikai <i>Growing of melons</i> | 01139p |
| | 01134 | Penanaman cendawan dan truffles <i>Growing of mushrooms and truffles</i> | 01121p |
| | 01135 | Penanaman benih sayuran, kecuali benih bit <i>Growing of vegetables seeds, except beet seeds</i> | 01121p |
| | 01136 | Penanaman sayur-sayuran lain <i>Growing of other vegetables</i> | 01121p |
| | 01137 | Penanaman ubi gula <i>Growing of sugar beet</i> | 01121p |
| | 01138 | Penanaman tumbuhan berakar, ubi-ubian, bebawang atau sayur-sayuran berubi <i>Growing of roots, tubers, bulb or tuberous vegetables</i> | 01114, 01121p |
| | 01140 | Penanaman tebu <i>Growing of sugar cane</i> | 01113 |
| | 01150 | Penanaman tembakau <i>Growing of tobacco</i> | 01112 |
| | 01160 | Penanaman tanaman berserat <i>Growing of fibre crops</i> | 01119p |



LAMPIRAN
 APPENDIX

| Kumpulan Group | Perkara Item | Keterangan Description | MSIC 2000 |
|-------------------|---|---|-------------------|
| 011 | Penanaman tanaman tidak kekal <i>Growing of non-perennial crops</i> | | |
| | 01191 | Penanaman bunga <i>Growing of flowers</i> | 01129p |
| | 01192 | Penanaman biji benih bungaan <i>Growing of flower seeds</i> | 01129p |
| | 01193 | Penanaman sagu (rumbia) <i>Growing of sago (rumbia)</i> | 01119p, 01139p |
| | 01199 | Penanaman tanaman bukan kekal lain t.t.t.l. <i>Growing of other non-perennial crops n.e.c.</i> | 01119p |
| 012 | Penanaman tanaman kekal <i>Growing of perennial crops</i> | | |
| | 01210 | Penanaman anggur <i>Growing of grapes</i> | 01139p |
| | 01221 | Penanaman pisang <i>Growing of banana</i> | 01135 |
| | 01222 | Penanaman mangga <i>Growing of mango</i> | 01139p |
| | 01223 | Penanaman durian <i>Growing of durian</i> | 01138 |
| | 01224 | Penanaman rambutan <i>Growing of rambutan</i> | 01139p |
| | 01225 | Penanaman buah belimbing <i>Growing of star fruit</i> | 01139p |
| | 01226 | Penanaman betik <i>Growing of papaya</i> | 01139p |
| | 01227 | Penanaman nenas <i>Growing of pineapple</i> | 01134 |
| | 01228 | Penanaman buah naga <i>Growing of pitaya (dragon fruit)</i> | 01139p |
| | 01229 | Penanaman buah-buahan tropika dan subtropika lain t.t.t.l. <i>Growing of other tropical and subtropical fruits n.e.c.</i> | 01139p |
| | 01231 | Penanaman limau bali <i>Growing of pomelo</i> | 01139p |



LAMPIRAN
 APPENDIX

| Kumpulan Group | Perkara Item | Keterangan Description | MSIC 2000 |
|-------------------|---|---|-----------|
| 012 | Penanaman tanaman kekal <i>Growing of perennial crops</i> | | |
| | 01232 | Penanaman lemon dan limau nipis <i>Growing of lemon and limes</i> | 01139p |
| | 01233 | Penanaman tangerin dan mandarin <i>Growing of tangerines and mandarin</i> | 01139p |
| | 01239 | Penanaman buah-buahan sitrus lain t.t.t.l. <i>Growing of other citrus fruits n.e.c.</i> | 01139p |
| | 01241 | Penanaman jambu batu <i>Growing of guava</i> | 01139p |
| | 01249 | Penanaman buah-buahan delima dan berbiji lain t.t.t.l. <i>Growing of other pome fruits and stones fruits n.e.c.</i> | 01139p |
| | 01251 | Penanaman buah beri <i>Growing of berries</i> | 01139p |
| | 01252 | Penanaman biji benih buah-buahan <i>Growing of fruit seeds</i> | 01139p |
| | 01253 | Penanaman kekacang yang boleh dimakan <i>Growing of edible nuts</i> | 01139p |
| | 01259 | Penanaman pokok dan buah-buahan bertandan lain <i>Growing of other tree and bush fruits</i> | 01139p |
| | 01261 | Penanaman kelapa sawit (estet) <i>Growing of oil palm (estate)</i> | 01117 |
| | 01262 | Penanaman kelapa sawit (kebun kecil) <i>Growing of oil palm (smallholdings)</i> | 01118 |
| | 01263 | Penanaman kelapa (estet dan kebun kecil) <i>Growing of coconut (estate and smallholdings)</i> | 01137 |
| | 01269 | Penanaman buah-buahan lain untuk minyak t.t.t.l. <i>Growing of other oleaginous fruits n.e.c.</i> | 01119p |
| | 01271 | Penanaman kopi <i>Growing of coffee</i> | 01133 |
| | 01272 | Penanaman teh <i>Growing of tea</i> | 01132 |
| | 01273 | Penanaman koko <i>Growing of cocoa</i> | 01131 |



LAMPIRAN
 APPENDIX

| Kumpulan Group | Perkara Item | Keterangan Description | MSIC 2000 |
|----------------|---|--|-----------|
| 012 | Penanaman tanaman kekal <i>Growing of perennial crops</i> | | |
| | 01279 | Penanaman tanaman minuman lain t.t.t.l. <i>Growing of other beverage crops n.e.c.</i> | 01139p |
| | 01281 | Penanaman lada hitam (piper nigrum) <i>Growing of pepper (piper nigrum)</i> | 01136 |
| | 01282 | Penanaman cili dan lada (lada benggala spp.) <i>Growing of chillies and pepper (capsicum spp.)</i> | 01121p |
| | 01283 | Penanaman buah pala <i>Growing of nutmeg</i> | 01119p |
| | 01284 | Penanaman halia <i>Growing of ginger</i> | 01119p |
| | 01285 | Penanaman tanaman yang digunakan terutamanya untuk penghasilan minyak wangi, untuk farmasi atau untuk racun serangga, kulat atau untuk tujuan yang seumpamanya <i>Growing of plants used primarily in perfumery, in pharmacy or for insecticidal, fungicidal or similar purposes</i> | 01139p |
| | 01289 | Penanaman tanaman rempah ratus dan aromatik lain t.t.t.l. <i>Growing of other spices and aromatic crops n.e.c.</i> | 01119p |
| | 01291 | Penanaman pokok getah (estet) <i>Growing of rubber trees (estate)</i> | 01115 |
| | 01292 | Penanaman pokok getah (kebun kecil) <i>Growing of rubber trees (smallholdings)</i> | 01116 |
| | 01293 | Penanaman pokok untuk pengekstrakan sap <i>Growing of trees for extraction of sap</i> | 01139p |
| | 01294 | Penanaman pokok nipah <i>Growing of nipa palm</i> | 01139p |
| | 01295 | Penanaman pokok pinang <i>Growing of areca</i> | 01139p |
| | 01296 | Penanaman pokok roselle <i>Growing of roselle</i> | 01139p |
| | 01299 | Penanaman tanaman kekal lain t.t.t.l. <i>Growing of other perennial crops n.e.c.</i> | 01139p |



LAMPIRAN
 APPENDIX

| Kumpulan Group | Perkara Item | Keterangan Description | MSIC 2000 |
|----------------|---|--|-------------------|
| 013 | Pembiakan tumbuhan <i>Plant propagation</i> | | |
| | 01301 | Penanaman tumbuhan sebagai tanaman <i>Growing of plants for planting</i> | 01129p,02009p |
| | 01302 | Penanaman tumbuhan untuk tujuan hiasan <i>Growing of plants for ornamental purposes</i> | 01129p |
| | 01303 | Penanaman tumbuhan untuk bebawang, ubi dan akar; keratan dan slips; cendawan <i>Growing of live plants for bulbs, tubers and roots; cuttings and slips; mushroom spawn</i> | 01121p |
| | 01304 | Operasi tapak semaian pokok (nurseries) <i>Operation of tree nurseries</i> | 01129p,02009p |
| 014 | Pengeluaran ternakan <i>Animal production</i> | | |
| | 01411 | Penternakan pembiakan dan pengeluaran lembu atau kerbau <i>Raising, breeding and production of cattle or buffaloes</i> | 01211p, 01219p |
| | 01412 | Pengeluaran susu mentah daripada lembu atau kerbau <i>Production of raw milk from cows or buffaloes</i> | 01211p |
| | 01413 | Pengeluaran air mani lembu <i>Production of bovine semen</i> | 01211p |
| | 01420 | Penternakan dan pembiakan kuda, keldai baghal atau hinnes <i>Raising and breeding of horses, asses, mules or hinnes</i> | 01219p |
| | 01430 | Penternakan dan pembiakan unta (dromedary) dan camelid <i>Raising and breeding of camels (dromedary) and camelids</i> | 01219p |
| | 01441 | Penternakan, pembiakan dan pengeluaran biri-biri dan kambing <i>Raising, breeding and production of sheep and goats</i> | 01219p |
| | 01442 | Pengeluaran susu mentah biri-biri atau kambing <i>Production of raw sheep or goat's milk</i> | 01219p |
| | 01443 | Pengeluaran bulu belum proses <i>Production of raw wool</i> | 01219p |
| | 01450 | Penternakan, pembiakan dan pengeluaran babi <i>Raising, breeding and production of swine/pigs</i> | 01213 |
| | 01461 | Penternakan, pembiakan dan pengeluaran ayam, ayam daging <i>Raising, breeding and production of chicken, broiler</i> | 01212p |



LAMPIRAN
 APPENDIX

| Kumpulan Group | Perkara Item | Keterangan Description | MSIC 2000 |
|----------------|---|--|-----------|
| 014 | Pengeluaran ternakan <i>Animal production</i> | | |
| | 01462 | Penternakan, pembiakan dan pengeluaran itik <i>Raising, breeding and production of ducks</i> | 01212p |
| | 01463 | Penternakan, pembiakan dan pengeluaran angsa <i>Raising, breeding and production of geese</i> | 01212p |
| | 01464 | Penternakan, pembiakan dan pengeluaran burung puyuh <i>Raising, breeding and production of quails</i> | 01212p |
| | 01465 | Penternakan dan pembiakan unggas lain t.t.t.l. <i>Raising and breeding of other poultry n.e.c.</i> | 01212p |
| | 01466 | Pengeluaran telur ayam <i>Production of chicken eggs</i> | 01212p |
| | 01467 | Pengeluaran telur itik <i>Production of duck eggs</i> | 01212p |
| | 01468 | Pengeluaran telur unggas lain t.t.t.l <i>Production of other poultry eggs n.e.c</i> | 01212p |
| | 01469 | Operasi penetasan unggas <i>Operation of poultry hatcheries</i> | 01212p |
| | 01491 | Penternakan, pembiakan dan pengeluaran haiwan separuh jinak <i>Raising, breeding and production semi-domesticated</i> | 01219p |
| | 01492 | Pengeluaran kulit berbulu, kulit burung atau reptilian dari operasi ladang ternakan <i>Production of fur skin, reptiles or bird's skin from ranching operation</i> | 01219p |
| | 01493 | Operasi ternakan cacing, moluska, siput <i>Operation of worm farms, land mollusc farms, snail farms</i> | 01219p |
| | 01494 | Penternakan ulat sutera dan pengeluaran hasil kepompong ulat sutera <i>Raising of silk worms and production of silk worm cocoons</i> | 01219p |
| | 01495 | Penternakan lebah dan pengeluaran hasil madu dan lilin lebah <i>Bee keeping and production of honey and beeswax</i> | 01219p |
| | 01496 | Penternakan dan pembiakan haiwan perliharaan <i>Raising and breeding of pet animals</i> | 01219p |
| | 01497 | Penternakan dan pembiakan burung walit <i>Raising and breeding of swiftlet</i> | 01219p |
| | 01499 | Penternakan pelbagai/ haiwan lain t.t.t.l. <i>Raising of diverse/other animals n.e.c.</i> | 01219p |



LAMPIRAN
 APPENDIX

| Kumpulan Group | Perkara Item | Keterangan Description | MSIC 2000 |
|----------------|--|--|-------------------|
| 015 | Pertanian campuran <i>Mixed farming</i> | | |
| | 01500 | Pertanian campuran <i>Mixed farming</i> | 01300 |
| 016 | Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuai <i>Support activities to agriculture and post harvest crops activities</i> | | |
| | 01610 | Aktiviti pertanian untuk pengeluaran tanaman berasaskan yuran atau kontrak <i>Agricultural activities for crops production on a fee or contract basis</i> | 01400p |
| | 01620 | Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak <i>Agriculture activities for animal production on a fee or contract basis</i> | 01400p, 28920p |
| | 01631 | Penyediaan tanaman untuk pasaran utama <i>Preparation of crops for primary markets</i> | 01400p |
| | 01632 | Penyediaan daun tembakau <i>Preparation of tobacco leaves</i> | 01112p, 01400p |
| | 01633 | Penyediaan biji koko <i>Preparation of cocoa beans</i> | 01400p |
| | 01634 | Menjemur sayur-sayuran dan buah-buahan <i>Sun-drying of fruits and vegetables</i> | 01400p |
| | 01640 | Pemprosesan benih untuk pembiakan <i>Seed processing for propagation</i> | 01400p |
| 021 | Silvikultur dan aktiviti perhutanan lain <i>Silviculture and other forestry activities</i> | | |
| | 02101 | Penanaman, penanaman semula, pemindahan, pengurusan dan pemuliharaan hutan dan kawasan lapang <i>Planting, replanting, transplanting, thinning and conserving of forests and timber tracts</i> | 02009p |
| | 02102 | Penanaman untuk tunas semula, kayu pulpa dan kayu api <i>Growing of coppice, pulpwood and fire wood</i> | 02009p |
| | 02103 | Operasi tapak semeian pokok hutan <i>Operation of forest tree nurseries</i> | 02009p |
| | 02104 | Pengumpulan dan pemeliharaan hutan liar (spesis pokok hutan paya gambut) <i>Collection and raising of wildings (peat swamp forest tree species)</i> | 02009p |



LAMPIRAN
 APPENDIX

| Kumpulan Group | Perkara Item | Keterangan Description | MSIC 2000 |
|----------------|--------------|---|-------------------|
| 021 | | Silvikultur dan aktiviti perhutanan lain <i>Silviculture and other forestry activities</i> | |
| | 02105 | Ladang hutan <i>Forest plantation</i> | 02009p |
| 022 | | Pembalakan <i>Logging</i> | |
| | 02201 | Pengeluaran kayu balak untuk industri berasaskan kayu <i>Production of round wood for forest-based manufacturing industries</i> | 02001p |
| | 02202 | Pengeluaran kayu balak yang digunakan dalam bentuk belum proses <i>Production of round wood used in an unprocessed form</i> | 02001p |
| | 02203 | Pengeluaran arang kayu dalam hutan (menggunakan kaedah tradisional) <i>Production of charcoal in the forest (using traditional methods)</i> | 02003 |
| | 02204 | Pembalakan kayu getah <i>Rubber wood logging</i> | 02006 |
| 024 | | Perkhidmatan sokongan perhutanan <i>Support services to forestry</i> | |
| | 02401 | Menjalankan sebahagian operasi perhutanan dan ladang hutan berdasarkan bayaran atau secara kontrak untuk aktiviti perkhidmatan perhutanan <i>Carrying out part of the forestry and forest plantation operation on a fee or contract basis for forestry service activities</i> | 02009p, 74141p |
| | 02402 | Menjalankan sebahagian operasi perhutanan berdasarkan bayaran atau secara kontrak untuk aktiviti perkhidmatan pembalakan <i>Carrying out part of the forestry operation on a fee or contract basis for logging service activities</i> | 02009p |
| 031 | | Perikanan <i>Fisheries</i> | |
| | 03111 | Perikanan komersil di laut dan perairan pantai <i>Fishing on a commercial basis in ocean and coastal waters</i> | 05001 |
| | 03112 | Pemungutan krustasia dan moluska laut <i>Collection of marine crustaceans and molluscs</i> | 05001p |
| | 03113 | Pengambilan haiwan akuatik : sea squirts, tunikat, landak laut <i>Taking of aquatic animals: sea squirts, tunicates, sea urchins</i> | 05001p |



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 APPENDIX

| Kumpulan Group | Perkara Item | Keterangan Description | MSIC 2000 |
|----------------|-------------------------------|---|-----------|
| 031 | Perikanan Fisheries | | |
| | 03114 | Aktiviti atas vessel yang melibatkan penangkapan, pemprosesan dan pengawetan ikan <i>Activities of vessels engaged both in fishing and in processing and preserving of fish</i> | 05001p |
| | 03115 | Pengumpulan organisma perikanan dan hasil laut lain (tiram semulajadi, span, batu karang dan alga) <i>Gathering of other marine organisms and materials (natural pearls, sponges, coral and algae)</i> | 05001p |
| | 03119 | Perikanan laut t.t.t.l <i>Marine fishing n.e.c</i> | 05009p |
| | 03121 | Perikanan komersil di darat <i>Fishing on a commercial basis in inland waters</i> | 05002p |
| | 03122 | Pengambilan krustasia dan moluska air tawar <i>Taking of freshwater crustaceans and molluscs</i> | 05002p |
| | 03123 | Pengambilan haiwan akuatik air tawar <i>Taking of freshwater aquatic animals</i> | 05002p |
| | 03124 | Pengumpulan flora dan fauna air tawar <i>Gathering of freshwater flora and fauna</i> | 05002p |
| | 03129 | Perikanan ikan air tawar t.t.t.l <i>Fishing in fresh water</i> | 05009p |
| 032 | Akuakultur Aquaculture | | |
| | 03211 | Ternakan ikan di laut <i>Fish farming in sea water</i> | 05003p |
| | 03212 | Pengeluaran dwi-cangkerang spat (tiram, kupang), anak udang kara, anak udang dan benih ikan <i>Production of bivalve spat (oyster, mussel), lobster lings, shrimp post-larvae, fish fry and fingerlings</i> | 05003p |
| | 03213 | Penanaman rumpai merah dan rumpai laut lain yang boleh dimakan <i>Growing of laver and other edible seaweeds</i> | 05003p |
| | 03214 | Pengkulturan krustasia, dwi-cengkerang, moluska dan haiwan akuatik lain di laut <i>Culture of crustaceans, bivalves, other molluscs and other aquatic animals in sea water</i> | 05003p |
| | 03215 | Aktiviti akuakultur air payau <i>Aquaculture activities in brackish water</i> | 05003p |



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 APPENDIX

| Kumpulan Group | Perkara Item | Keterangan Description | MSIC 2000 |
|-------------------|---|---|-----------|
| 032 | Akuakultur <i>Aquaculture</i> | | |
| | 03216 | Aktiviti akuakultur di dalam tangki air atau takungan masin <i>Aquaculture activities in salt water filled tanks or reservoirs</i> | 05003p |
| | 03217 | Operasi penetasan anak benih (laut) <i>Operation of hatcheries (marine)</i> | 05003p |
| | 03218 | Operasi ladang ternakan cacing laut untuk makanan ikan <i>Operation of marine worm farms for fish feed</i> | 05003p |
| | 03219 | Akuakultur laut t.t.t.l. <i>Marine aquaculture n.e.c.</i> | 05009p |
| | 03221 | Ternakan ikan air tawar <i>Fish farming in freshwater</i> | 05003p |
| | 03222 | Ternakan udang air tawar <i>Shrimp farming in freshwater</i> | 05003p |
| | 03223 | Pengkulturan krustasia, dwi-cengkerang, moluska dan haiwan akuatik lain di air tawar <i>Culture of freshwater crustaceans, bivalves, other molluscs and other aquatic animals</i> | 05003p |
| | 03224 | Operasi penetasan anak benih (air tawar) <i>Operation of hatcheries (freshwater)</i> | 05003p |
| | 03225 | Penternakan katak <i>Farming of frogs</i> | 01219p |
| | 03229 | Akuakultur air tawar t.t.t.l. <i>Freshwater aquaculture n.e.c.</i> | 05009p |

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