



**MALAYSIA**

# **BANCI EKONOMI** *ECONOMIC CENSUS*

## **2016**

**TERNAKAN**  
*LIVESTOCK*



**JABATAN PERANGKAAN MALAYSIA**  
*DEPARTMENT OF STATISTICS, MALAYSIA*

Diterbitkan oleh:

**Jabatan Perangkaan Malaysia**

Blok C6, Kompleks C,  
Pusat Pentadbiran Kerajaan Persekutuan,  
62514 Putrajaya,  
**MALAYSIA**

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## **KATA PENGANTAR**

Penerbitan ini memaparkan perangkaan bagi subsektor ternakan yang diperoleh daripada Banci Ekonomi 2016 bagi tahun rujukan 2015. Perangkaan pertanian merangkumi subsektor Tanaman, Ternakan, Perhutanan & Pembalakan dan Perikanan. Perangkaan ini meliputi semua industri dalam Seksyen A yang dikelaskan di bawah Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver. 1.0, selaras dengan Piawaian Klasifikasi Industri Antarabangsa bagi Semua Aktiviti Ekonomi (ISIC), Semakan Ke-4, 2008. Kali terakhir banci ini dijalankan adalah pada tahun 2011 bagi tahun rujukan 2010.

Data utama yang berkaitan dengan nilai output kasar, nilai input perantaraan, nilai ditambah, bilangan pekerja, gaji & upah dan nilai harta tetap dilaporkan dalam penerbitan ini. Maklumat pekerja mengikut kelulusan dan pemilikan wanita turut dipaparkan. Data tersebut boleh digunakan oleh agensi kerajaan, ahli ekonomi, ahli akademik, pihak swasta serta individu bagi tujuan membuat perancangan dan penggubalan dasar, analisis ekonomi, unjuran dan merancang program pembangunan sektor pertanian.

Penerbitan ini dibahagikan kepada empat bahagian. Bahagian pertama memaparkan infografik perangkaan pertanian diikuti bahagian kedua yang memaparkan penemuan keseluruhan sektor pertanian dan subsektor ternakan. Aspek teknikal seperti skop dan liputan, konsep dan definisi serta pembolehubah utama yang digunakan diterangkan di bahagian ketiga bagi memudahkan pengguna memahami statistik yang diterbitkan, manakala bahagian keempat pula memaparkan jadual perangkaan terperinci.

Jabatan merakamkan setinggi-tinggi penghargaan atas kerjasama yang diberikan oleh reponden dan juga semua pihak yang telah menyumbang secara langsung dan tidak langsung dalam menjayakan banci ini. Setiap maklum balas dan cadangan untuk penambahbaikan laporan ini pada masa akan datang amat dihargai.

**DR. MOHD UZIR BIN MAHIDIN**

Ketua Perangkawan Malaysia

**Julai 2017**

## **PREFACE**

*This publication presents statistics on livestock sub-sector obtained from the Economic Census 2016 for reference year 2015. Agricultural statistics encompass sub-sector of Crops, Livestock, Forestry & Logging and Fisheries. These statistics include all industries in Section A classified under the Malaysia Standard Industrial Classification (MSIC) 2008 Ver. 1.0, in accordance with the International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4, 2008. The last census was conducted in 2011 for reference year 2010.*

*Key data related to value of gross output, value of intermediate input, value added, number of persons engaged, salaries & wages and value of fixed assets are reported in this publication. Information on number of persons engaged by qualification and women ownership are also published. These data can be used by government agencies, economists, academicians, private sectors and individuals for planning and formulations policies, economic analysis, projections and planning agriculture sector development program.*

*This publication is divided into four parts. The first part displays infographic for agricultural statistics followed by the second part which displays the findings of agriculture sector as a whole and livestock sub-sector. Technical aspects such as scope and coverage, concepts and definitions as well as the key variables used are describes in the third part to assist users to understand the published statistics. Meanwhile, the fourth part provides the detailed statistical tables.*

*The Department gratefully acknowledges the co-operation rendered by the respondents as well as all parties who have contributed directly and indirectly in making this census a success. Every feedback and suggestion towards improving future reports is highly appreciated.*

**DR. MOHD UZIR BIN MAHIDIN**

*Chief Statistician Malaysia*

**July 2017**

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**PENEMUAN UTAMA  
SEKTOR PERTANIAN**

*MAIN FINDINGS  
AGRICULTURE SECTOR*

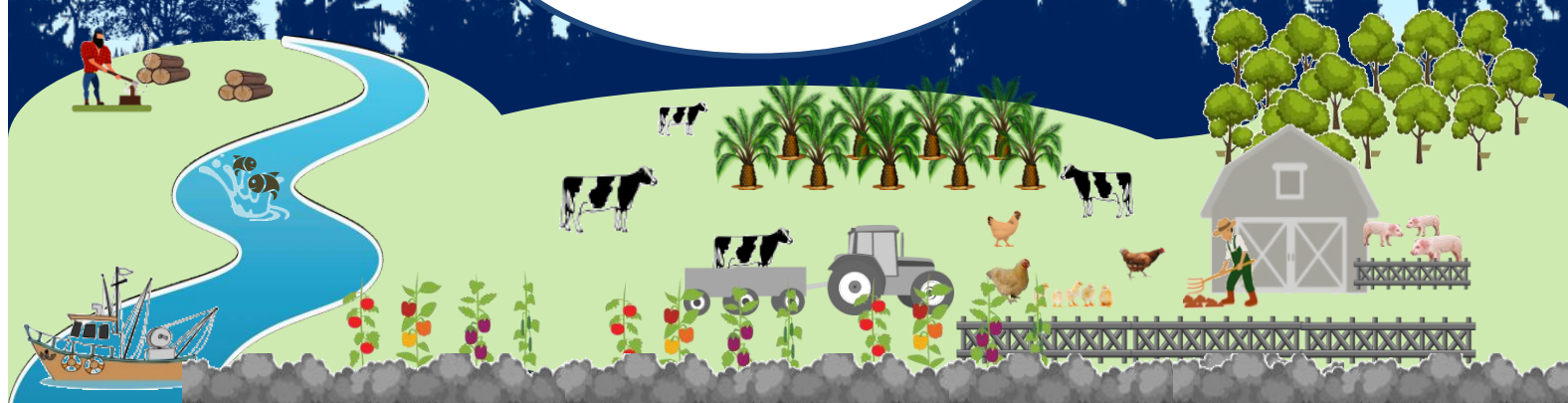


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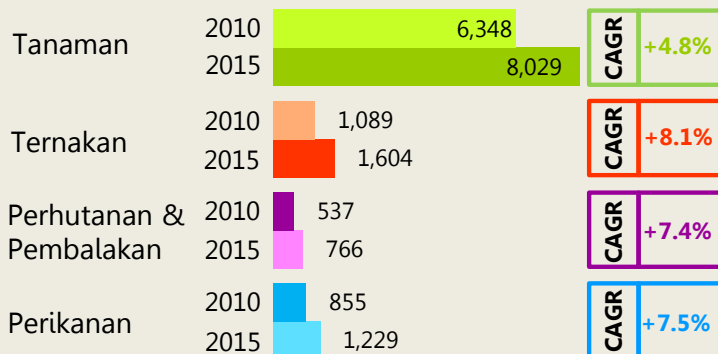


# BANCI EKONOMI 2016

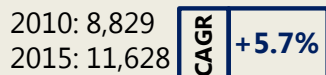
## SEKTOR PERTANIAN



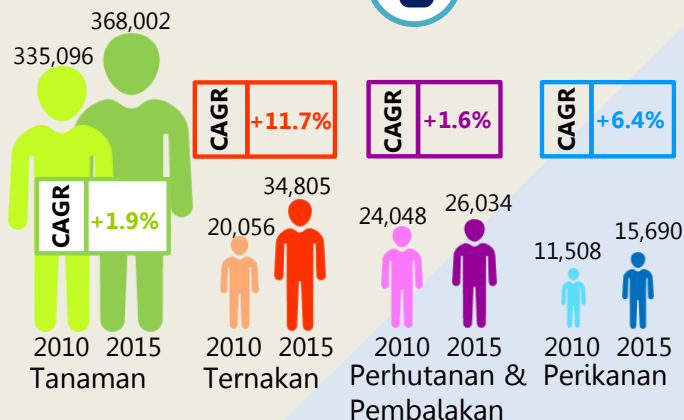
### Bilangan pertubuhan



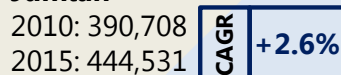
#### Jumlah



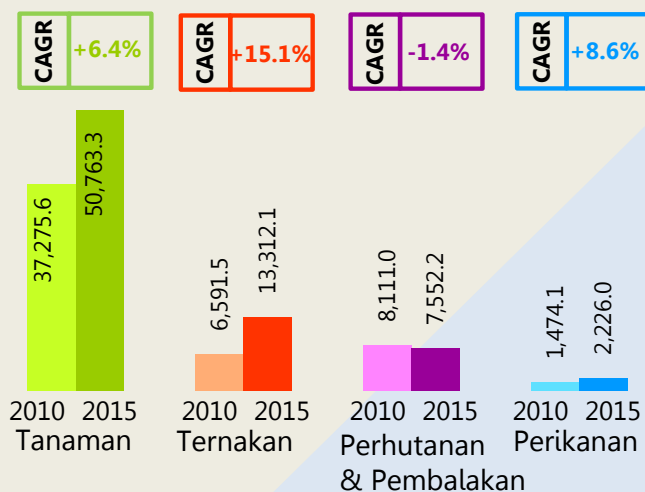
### Bilangan pekerja



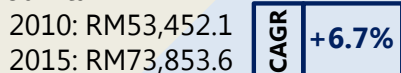
#### Jumlah



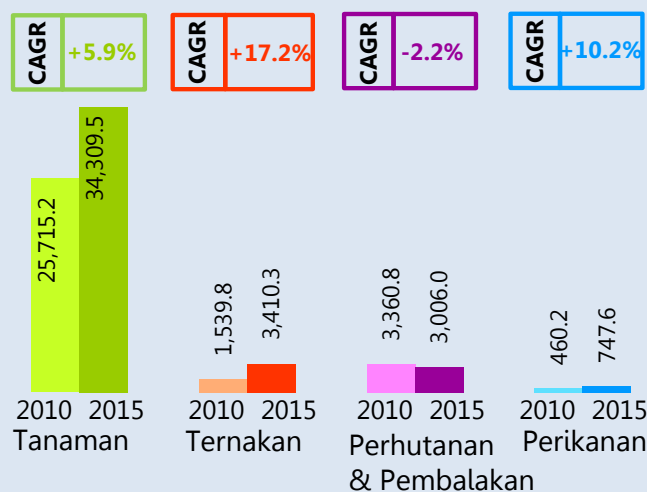
### Output kasar (RM juta)



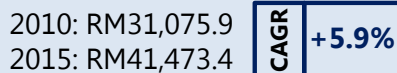
#### Jumlah



### Nilai ditambah (RM juta)



#### Jumlah



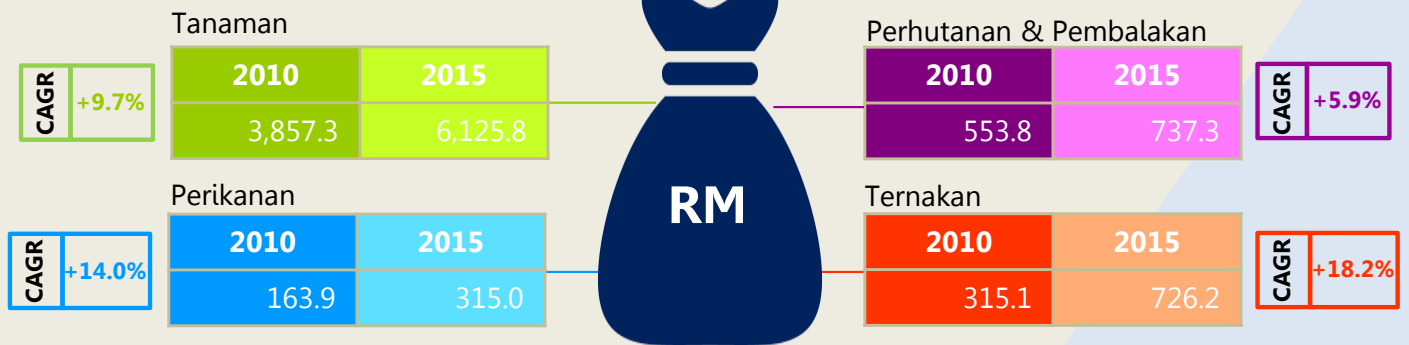
## Gaji & upah (RM juta)



### Jumlah

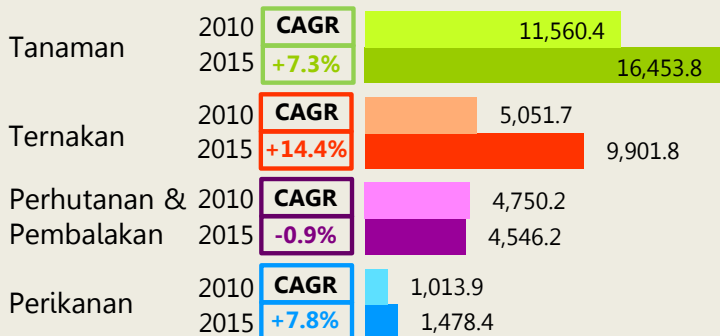
2010: RM4,890.0  
2015: RM7,904.3

CAGR **+10.1%**



RM

## Input perantara (RM juta)

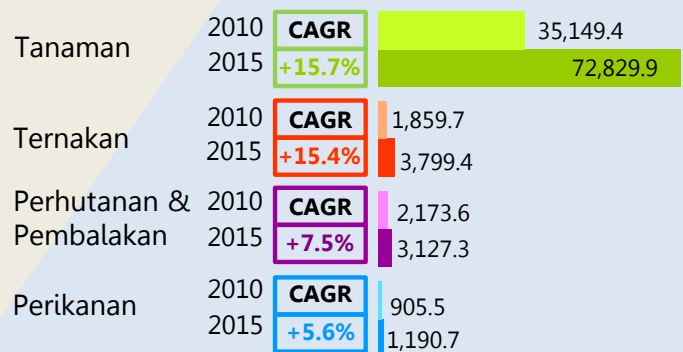


### Jumlah

2010: RM22,376.1  
2015: RM32,380.2

CAGR **+7.7%**

## Harta tetap (RM juta)

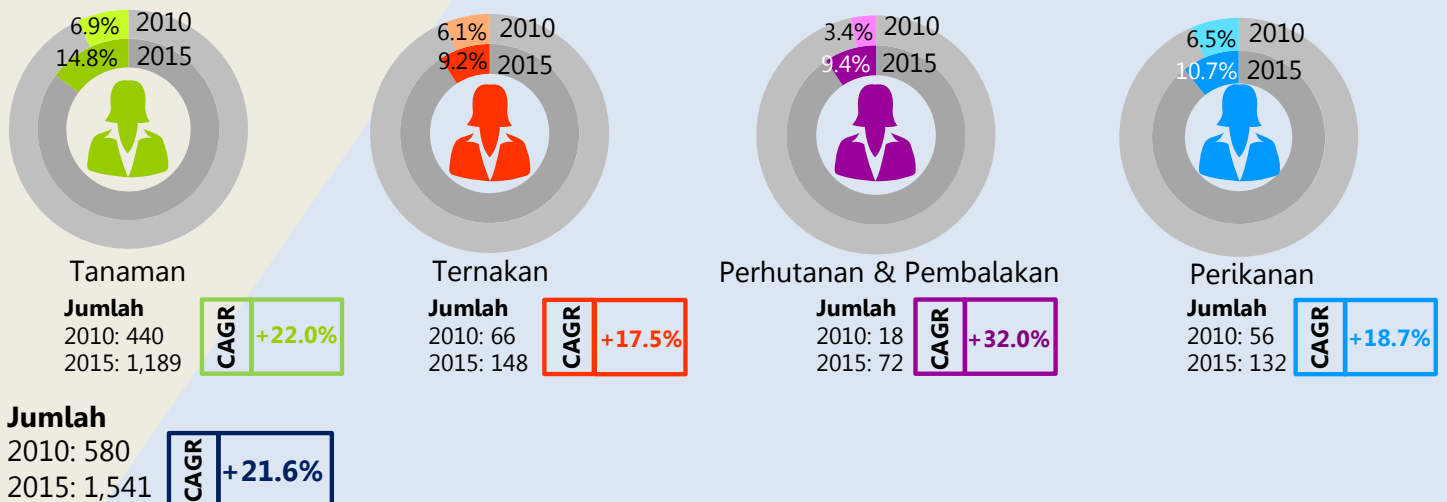


### Jumlah

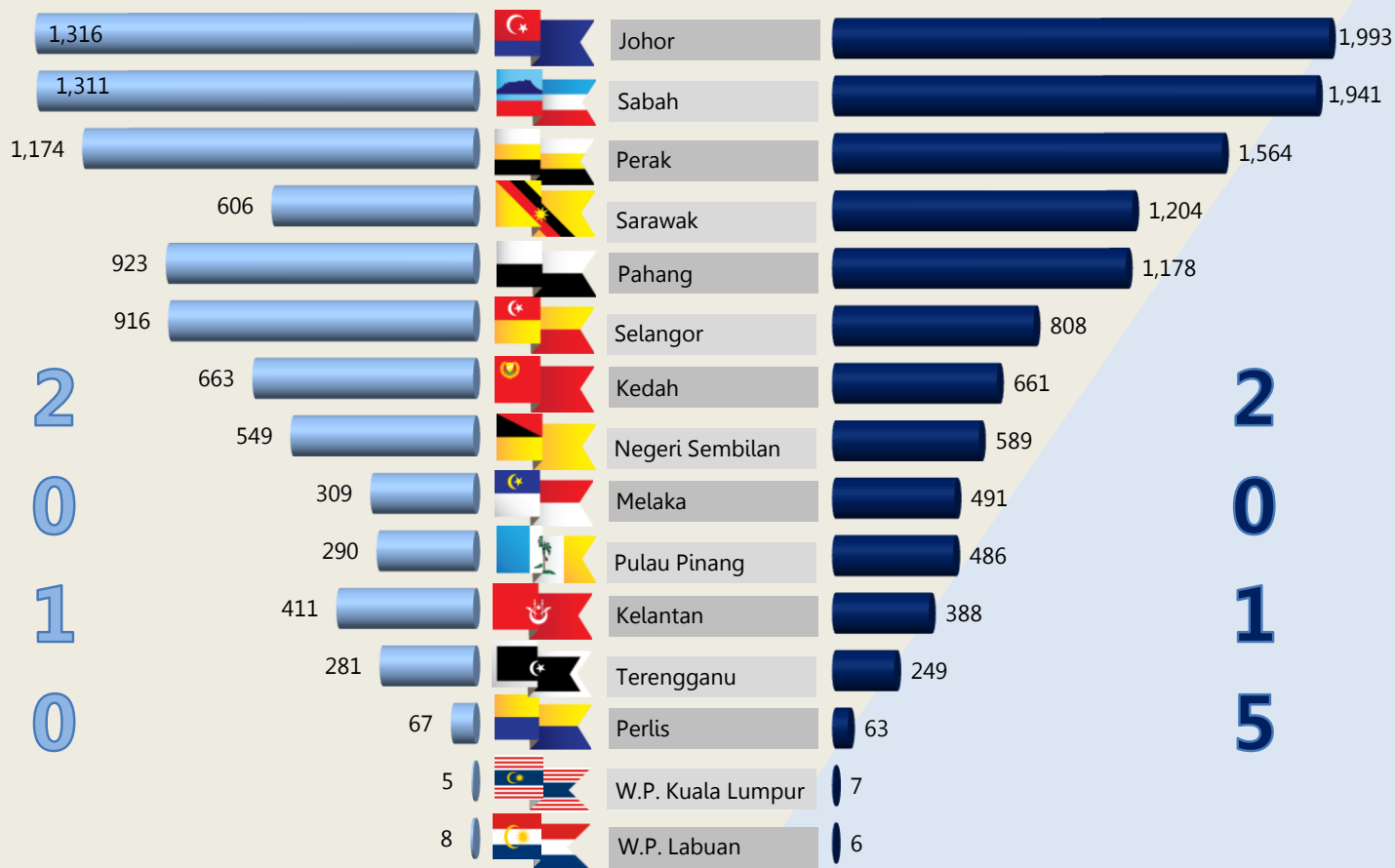
2010: RM40,088.3  
2015: RM80,947.2

CAGR **+15.1%**

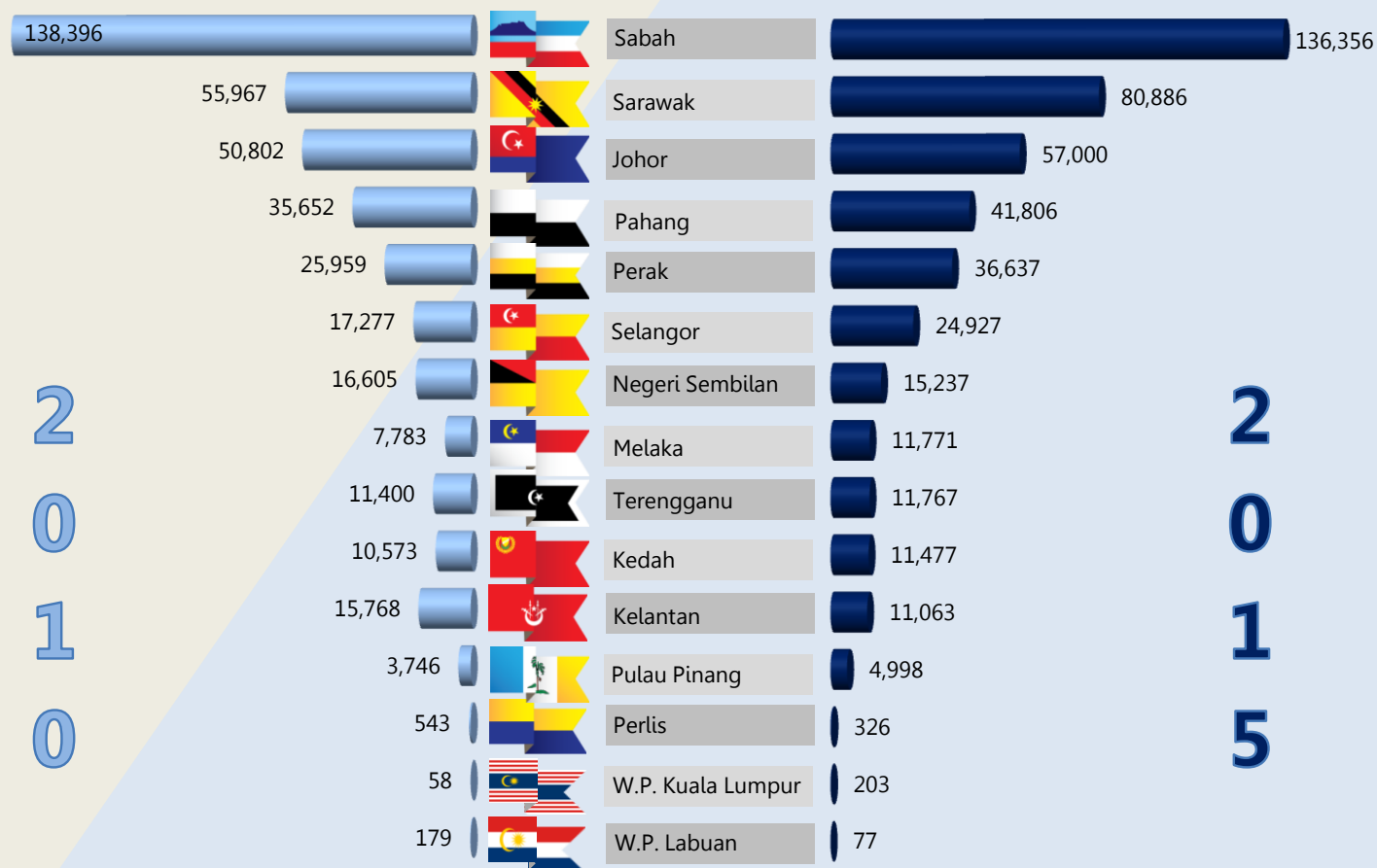
## Pertubuhan milikan wanita



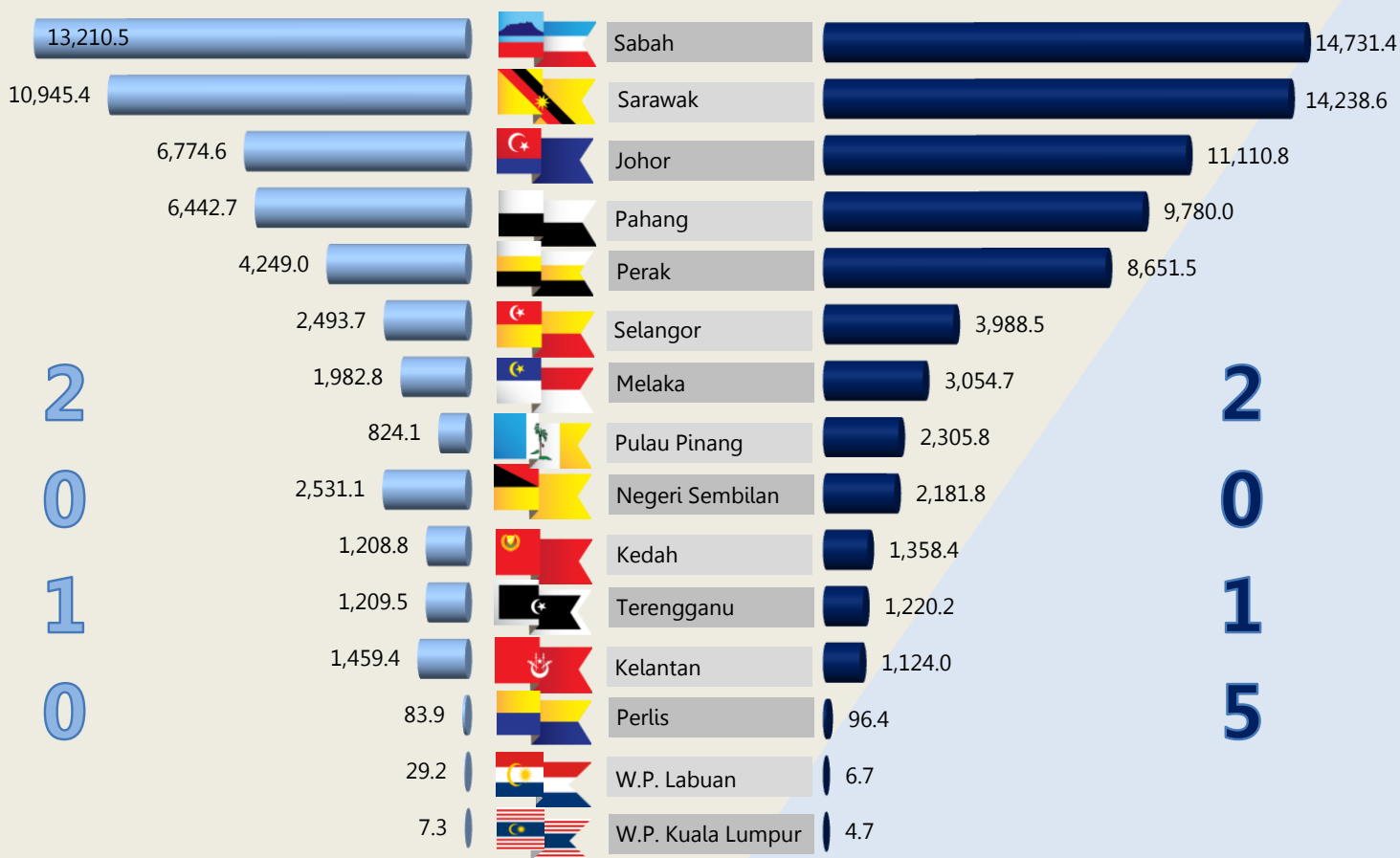
## Bilangan pertubuhan



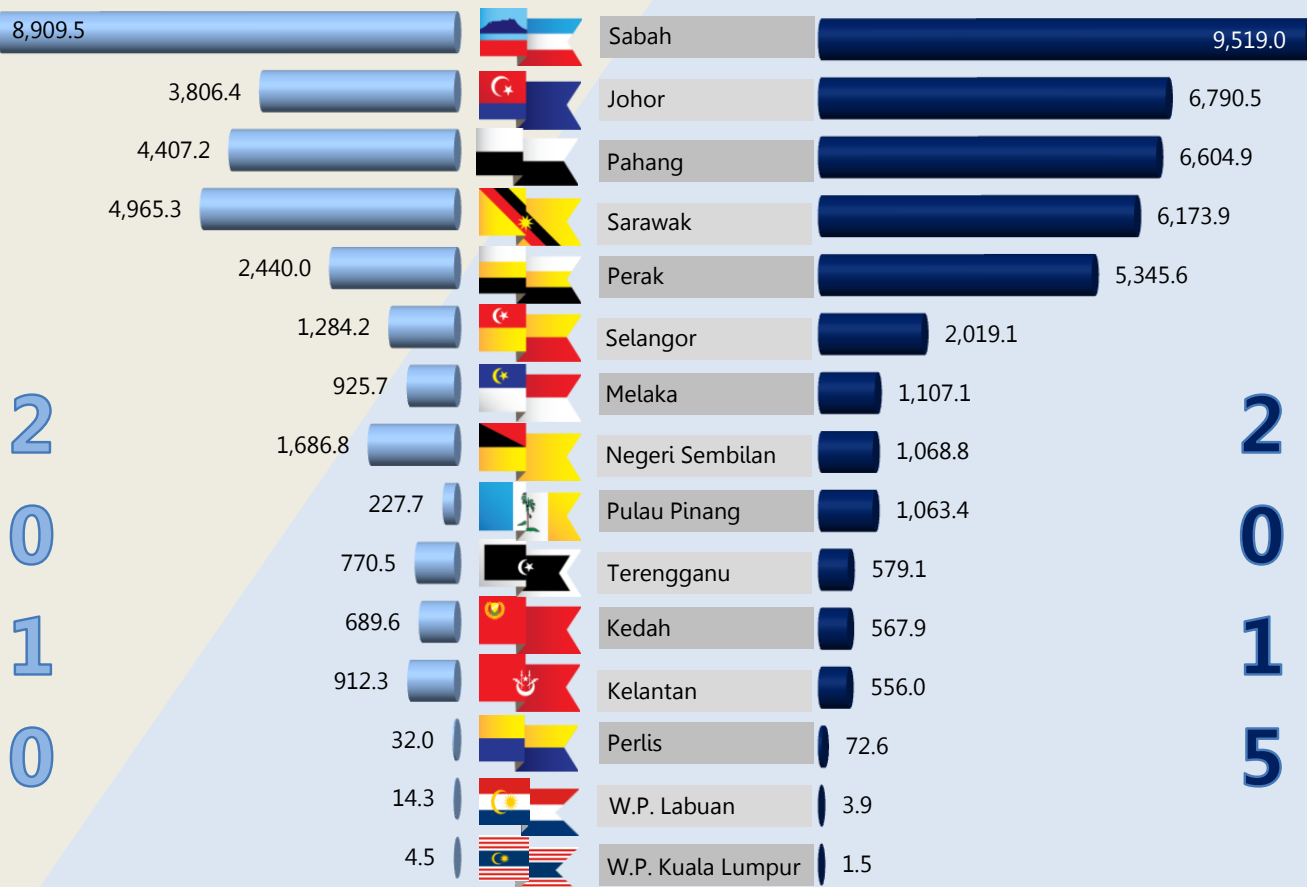
## Bilangan pekerja



## Output kasar (RM juta)



## Nilai ditambah (RM juta)

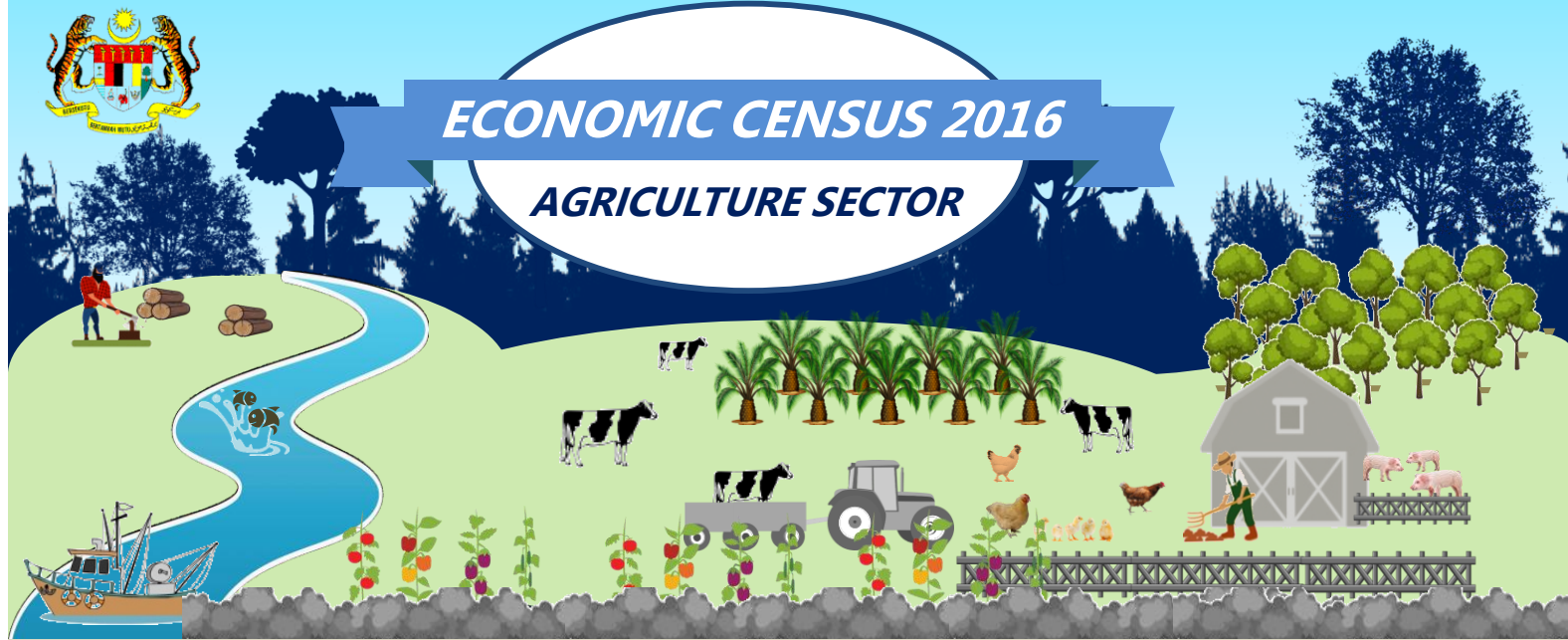




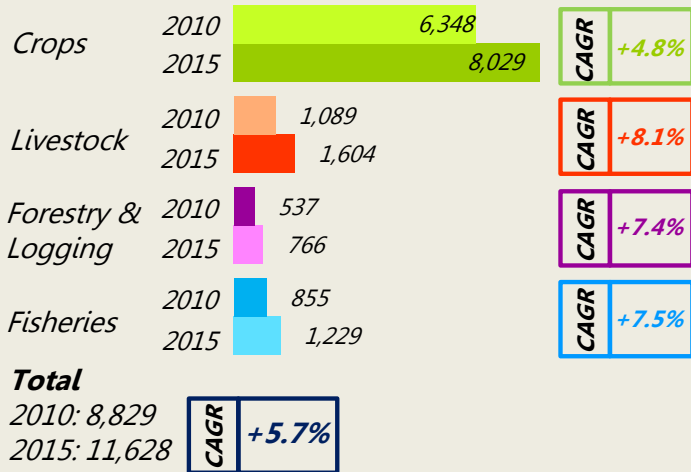


# ECONOMIC CENSUS 2016

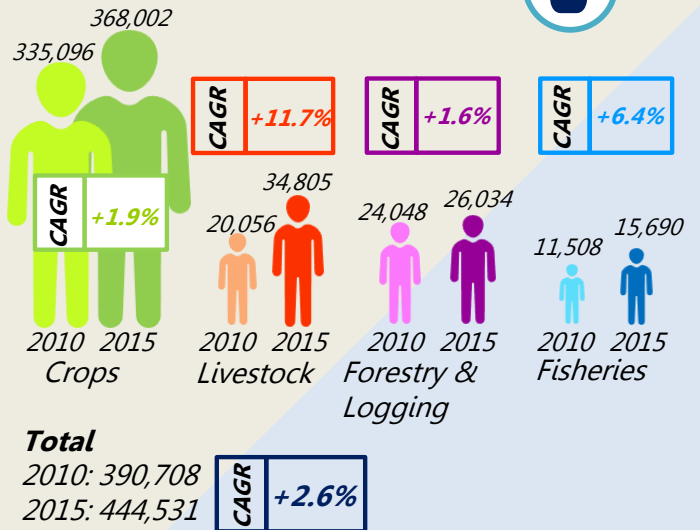
## AGRICULTURE SECTOR



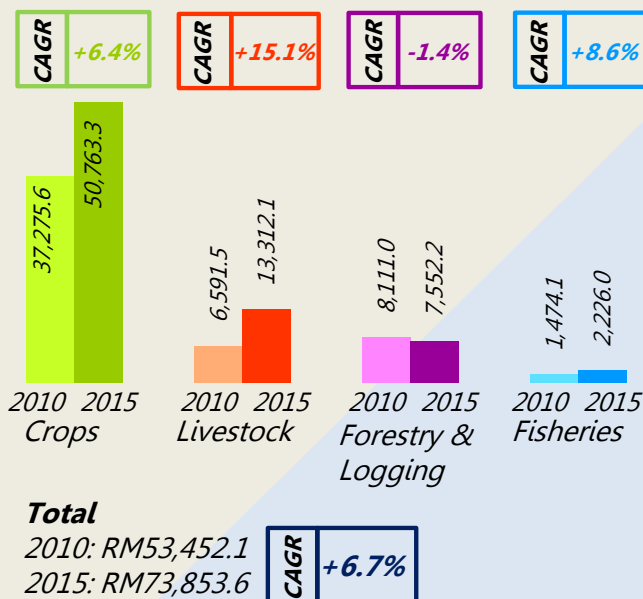
### Number of establishment



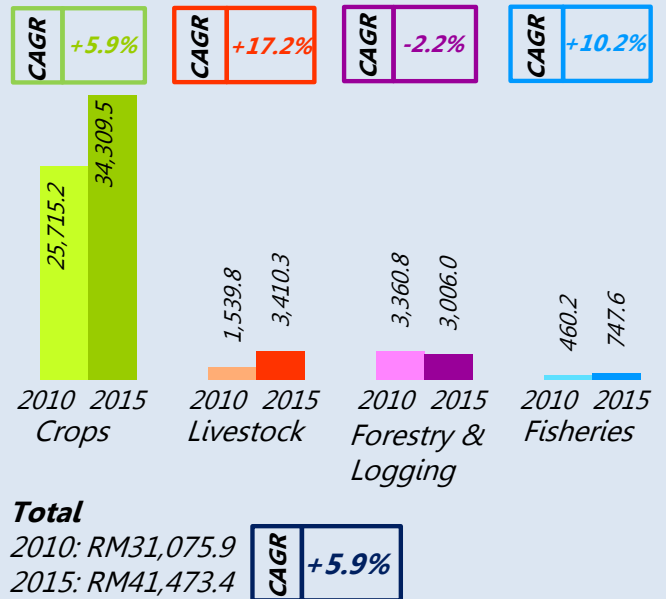
### Number of persons engaged



### Gross output (RM million)



### Value added (RM million)



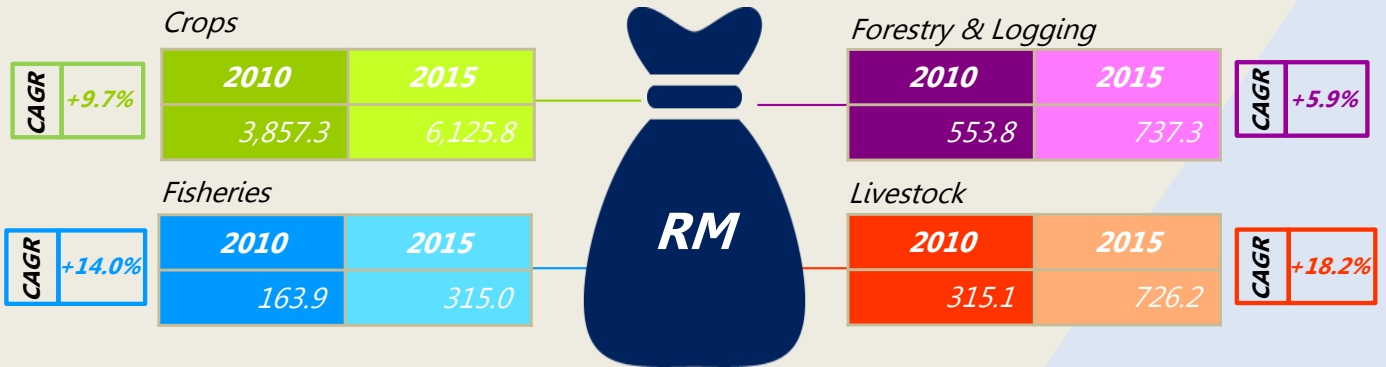
## Salaries & wages (RM million)



### Total

2010: RM4,890.0  
2015: RM7,904.3

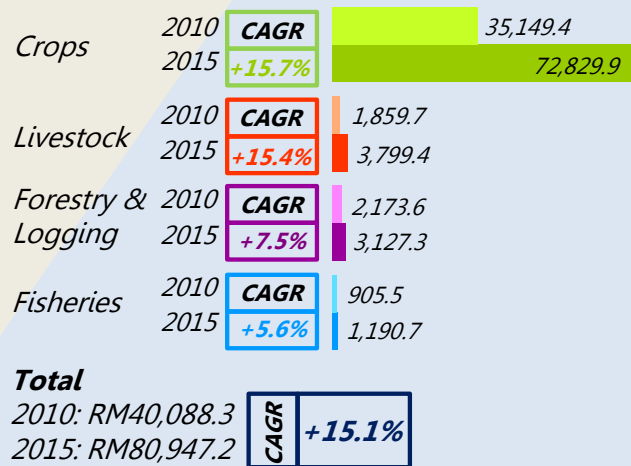
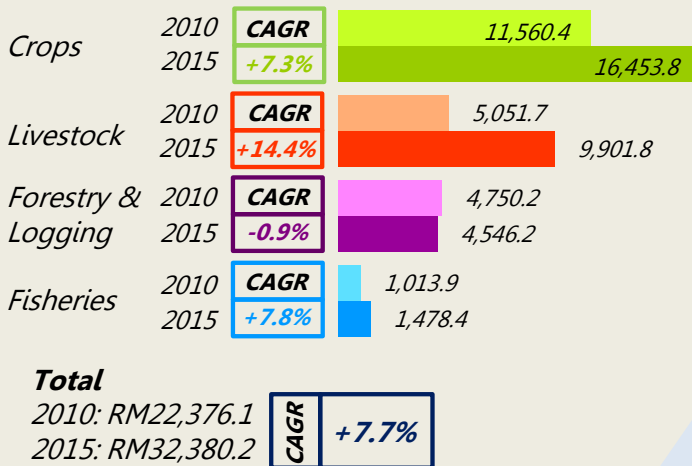
CAGR **+10.1%**



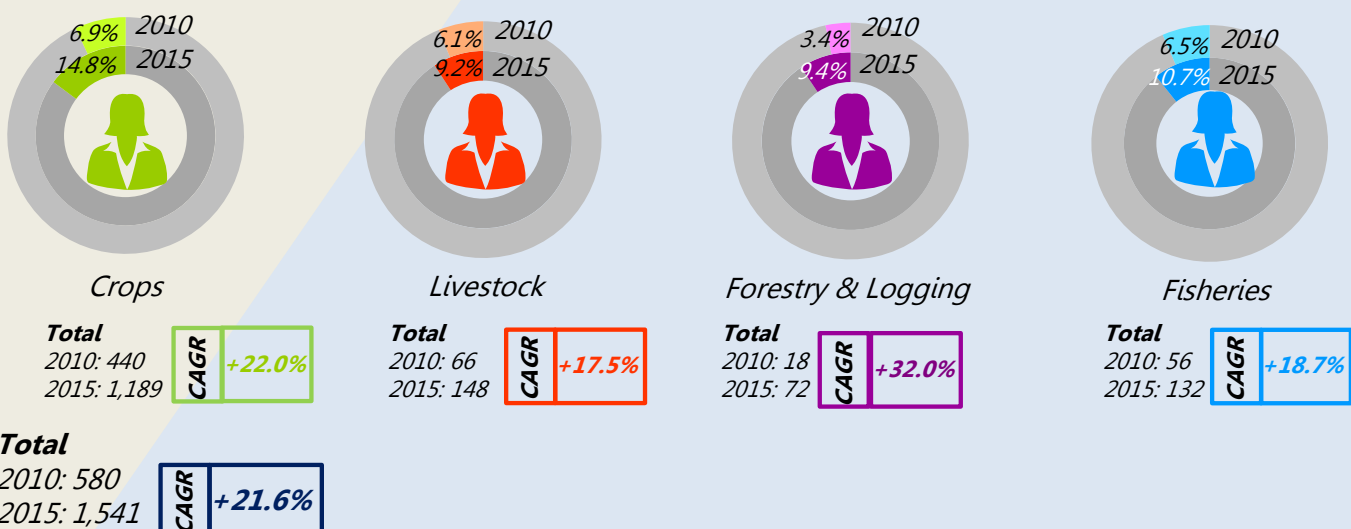
## Intermediate input (RM million)



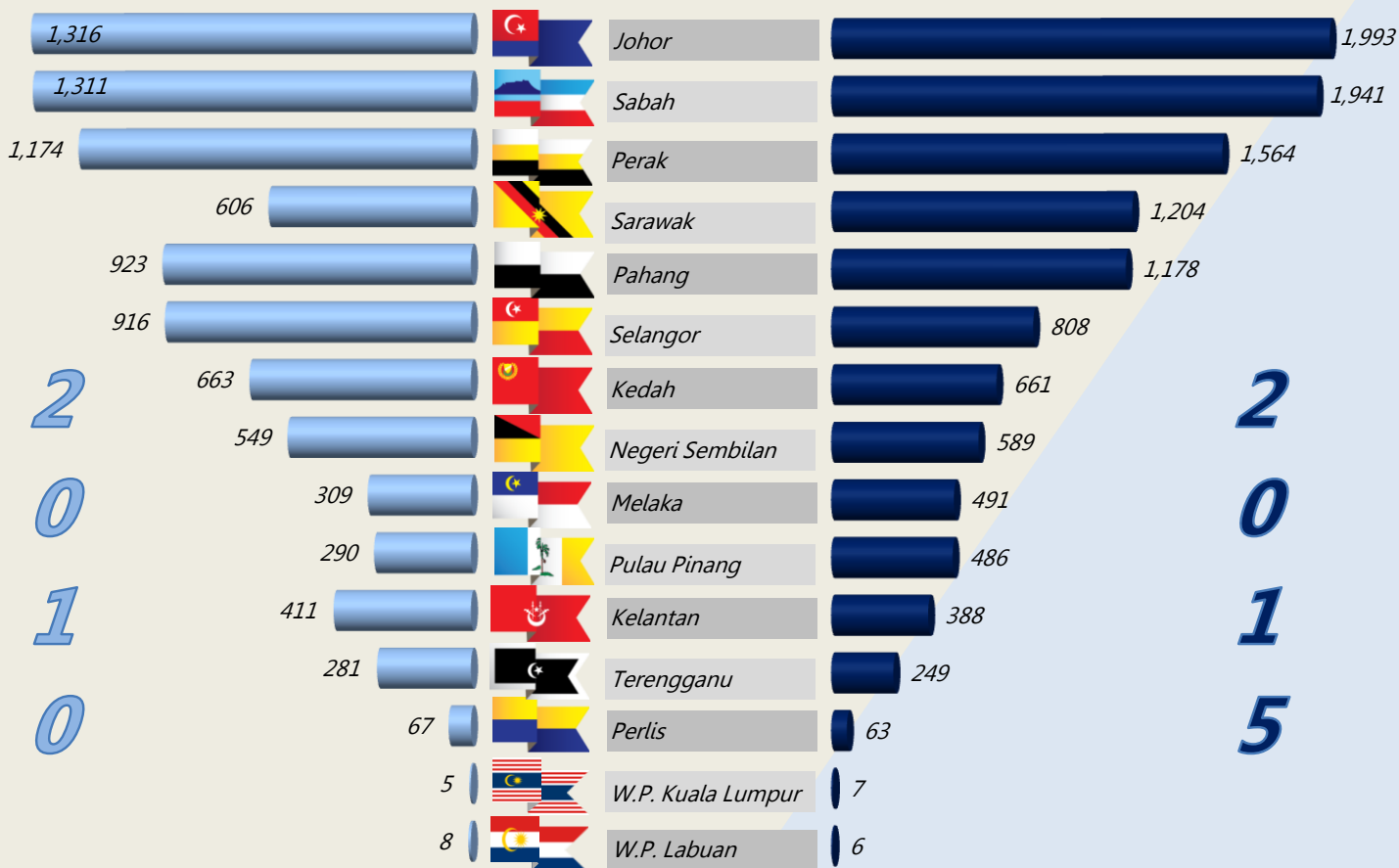
## Fixed assets (RM million)



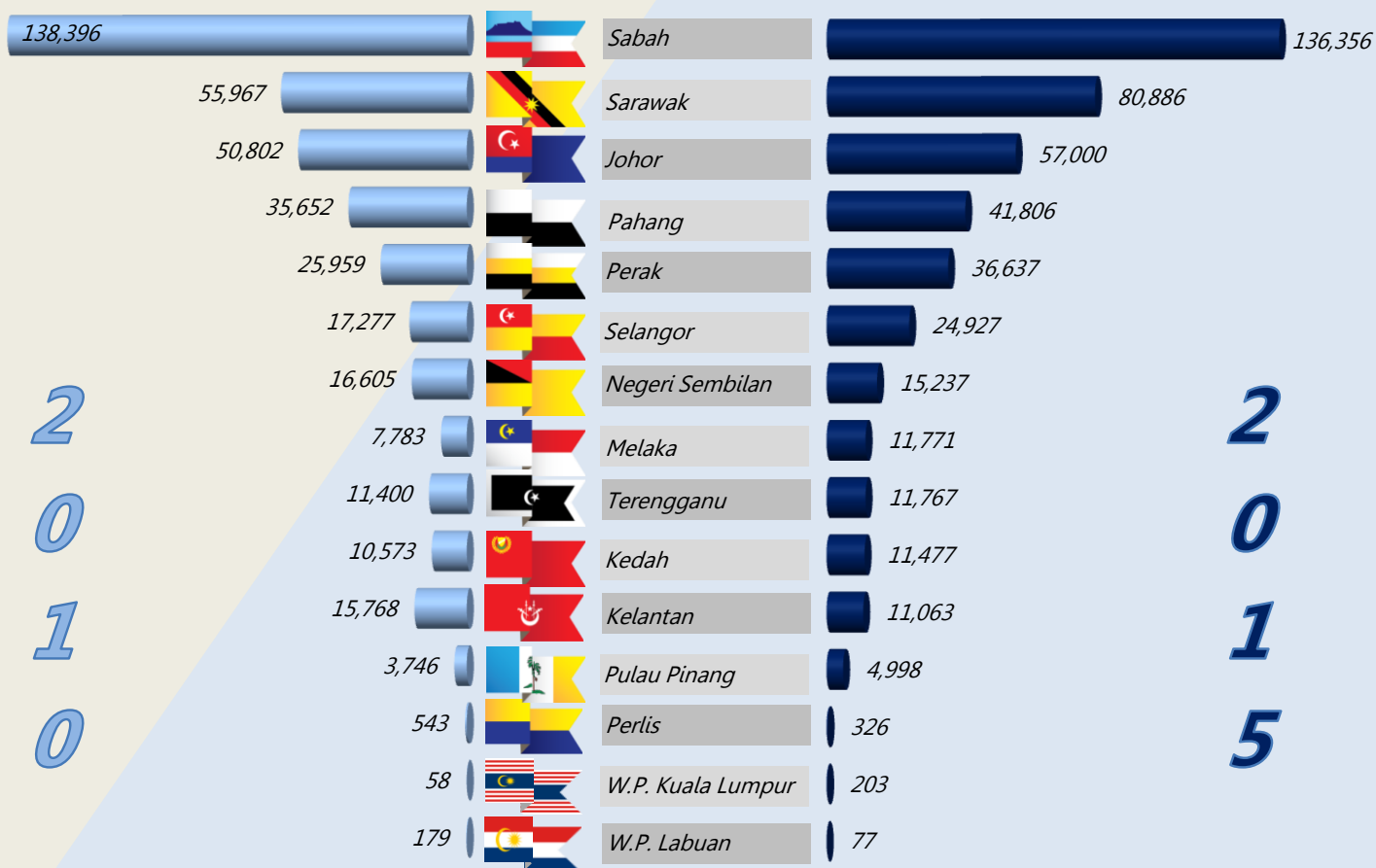
## Women-owned establishment



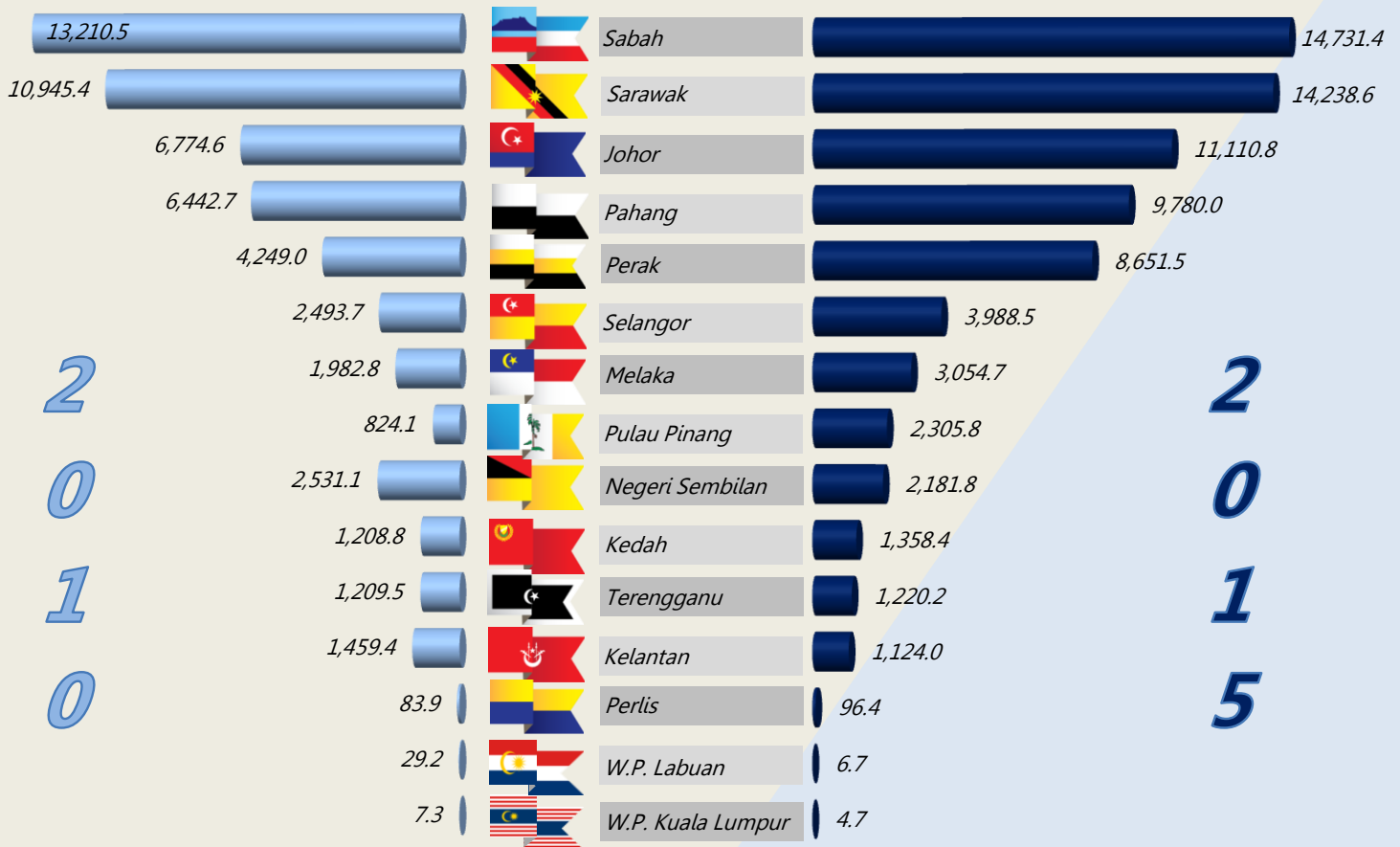
## Number of establishment



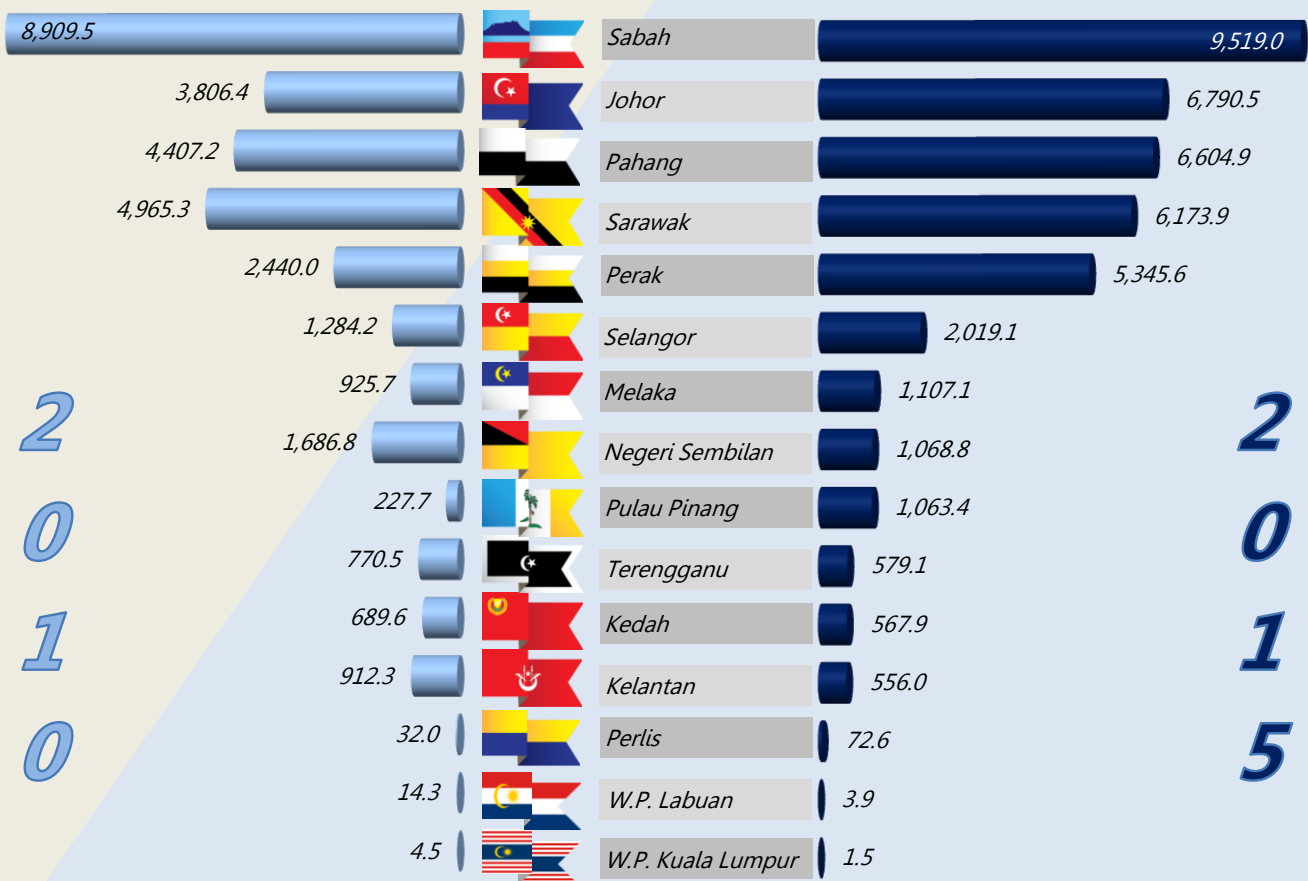
## Number of persons engaged



## Gross output (RM million)



## Value added (RM million)



**RINGKASAN PENEMUAN  
SEKTOR PERTANIAN**

*SUMMARY OF FINDINGS  
AGRICULTURE SECTOR*



Muka surat ini sengaja dibiarkan kosong  
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## SEKTOR PERTANIAN

BILANGAN PERTUBUHAN	OUTPUT KASAR	BILANGAN PEKERJA	PURATA GAJI & UPAH PEKERJA BERGAJI
11,628	RM 73,853.6 JUTA	444,531 ORANG	RM 1,503 SEBULAN

## 1. PENGENALAN

Laporan ini membentangkan perangkaan sektor pertanian berdasarkan maklumat yang diperolehi daripada Banci Ekonomi yang dijalankan pada 2016 (tahun rujukan 2015). Pertanian merangkumi subsektor Tanaman, Ternakan, Perhutanan & Pembalakan dan Perikanan.

## 2. PRESTASI KESELURUHAN

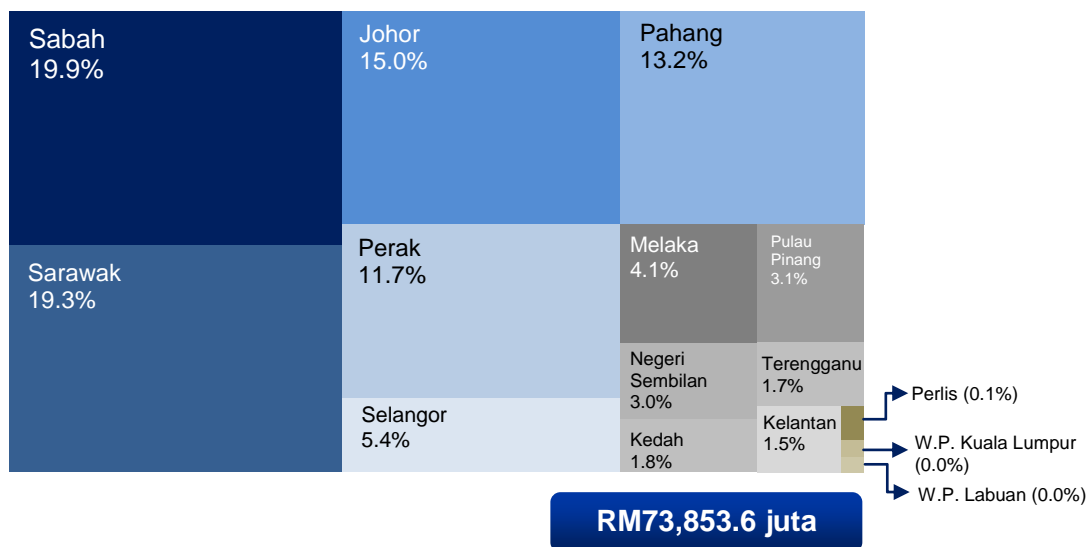
Secara keseluruhan, perangkaan utama sektor pertanian pada 2015 menunjukkan pertumbuhan tahunan positif berbanding 2010. Sejumlah 11,628 pertubuhan beroperasi dengan kadar pertumbuhan tahunan dikompaun (CAGR) sebanyak 5.7 peratus berbanding lima tahun yang lalu. Nilai output kasar meningkat 6.7 peratus setahun daripada RM53,452.1 juta pada 2010 kepada RM73,853.6 juta pada 2015. Subsektor tanaman merupakan penyumbang utama nilai output kasar iaitu RM50,763.3 juta diikuti Ternakan (RM13,312.1 juta), Perhutanan & Pembalakan (RM7,552.2 juta) serta Perikanan (RM2,226.0 juta). Seramai 444,531 pekerja terlibat dalam sektor pertanian berbanding 390,708 orang pada 2010 dengan pertumbuhan tahunan 2.6 peratus. [**Jadual A1**]

## 3. PERTUBUHAN

Pertubuhan yang beroperasi pada 2015 adalah 11,628 pertubuhan berbanding 8,829 pertubuhan pada 2010 (CAGR: 5.7%). Subsektor tanaman merupakan penyumbang tertinggi bilangan pertubuhan dengan sumbangan 69.0 peratus (8,029) diikuti Ternakan (1,604), Perikanan (1,229) dan Perhutanan & Pembalakan (766). Johor mencatatkan bilangan pertubuhan tertinggi (1,993) diikuti Sabah (1,941) dan Perak (1,564). [**Jadual A3**]

4. OUTPUT KASAR

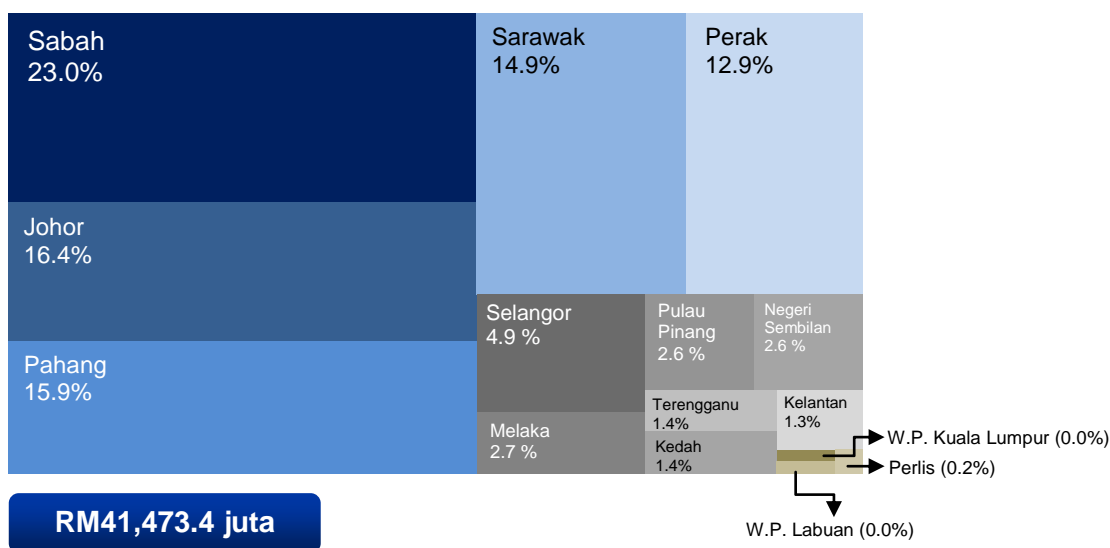
Paparan 1 : Output kasar sektor pertanian mengikut negeri, 2015



Nilai output kasar sektor pertanian pada 2015 ialah RM73,853.6 juta, meningkat sebanyak 6.7 peratus setahun berbanding RM53,452.1 juta pada 2010. Output kasar tertinggi direkodkan oleh Sabah iaitu RM14,731.4 juta dengan sumbangan 19.9 peratus diikuti Sarawak (RM14,238.6 juta) dan Johor (RM11,110.8 juta). Ketiga-tiga negeri ini menyumbang 54.3 peratus daripada keseluruhan output kasar sektor pertanian.

5. NILAI DITAMBAH

Paparan 2 : Nilai ditambah sektor pertanian mengikut negeri, 2015



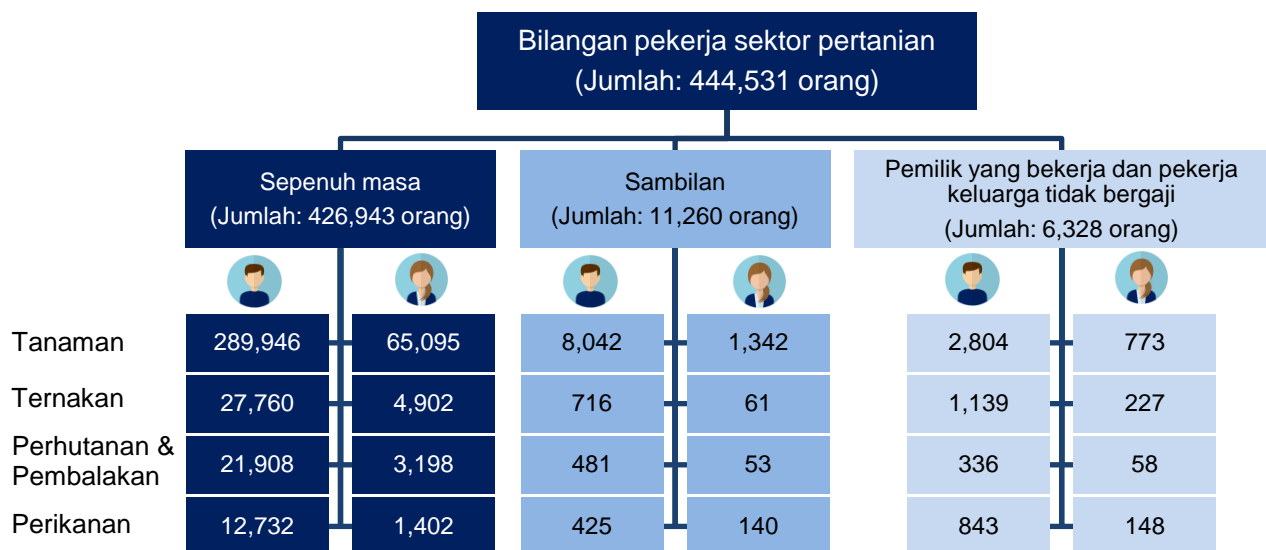


Nilai ditambah sektor pertanian pada 2015 ialah RM41,473.4 juta, meningkat sebanyak 5.9 peratus setahun berbanding RM31,075.9 juta pada 2010. Sabah menyumbang nilai ditambah tertinggi berbanding negeri lain iaitu RM9,519.0 juta dengan sumbangan 23.0 peratus diikuti Johor (RM6,790.5 juta) dan Pahang (RM6,604.9 juta). [Carta 2]

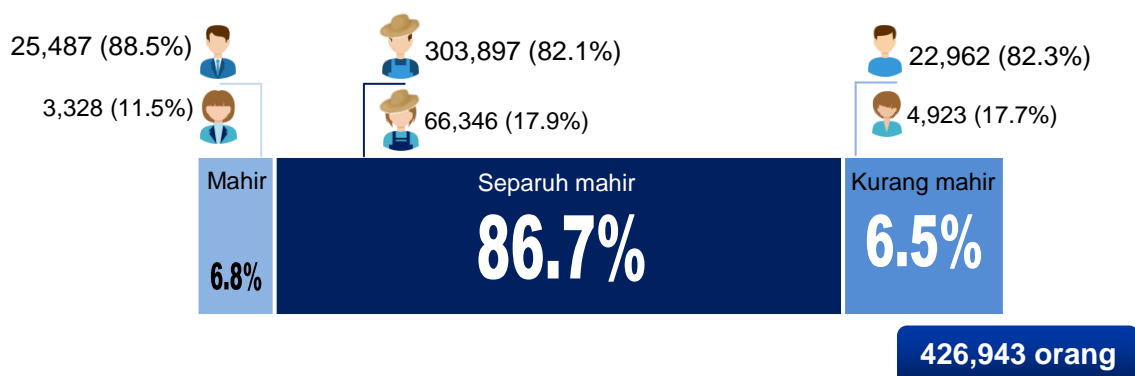
## 6. BILANGAN PEKERJA DAN GAJI & UPAH

Jumlah pekerja adalah seramai 444,531 orang dengan peningkatan 2.6 peratus berbanding 2010. Sektor ini didominasi oleh pekerja lelaki iaitu 367,132 orang (82.6%). Kategori pekerja bergaji (sepenuh masa dan sambilan) direkodkan seramai 438,203 (98.6%) dan hanya 6,328 orang (1.4%) adalah pemilik yang bekerja dan pekerja keluarga tidak bergaji. Subsektor tanaman memberi peluang pekerjaan tertinggi berbanding subsektor lain dengan jumlah 368,002 orang. [Carta 3]

Paparan 3 : Bilangan pekerja mengikut subsektor dan kategori pekerja, 2015



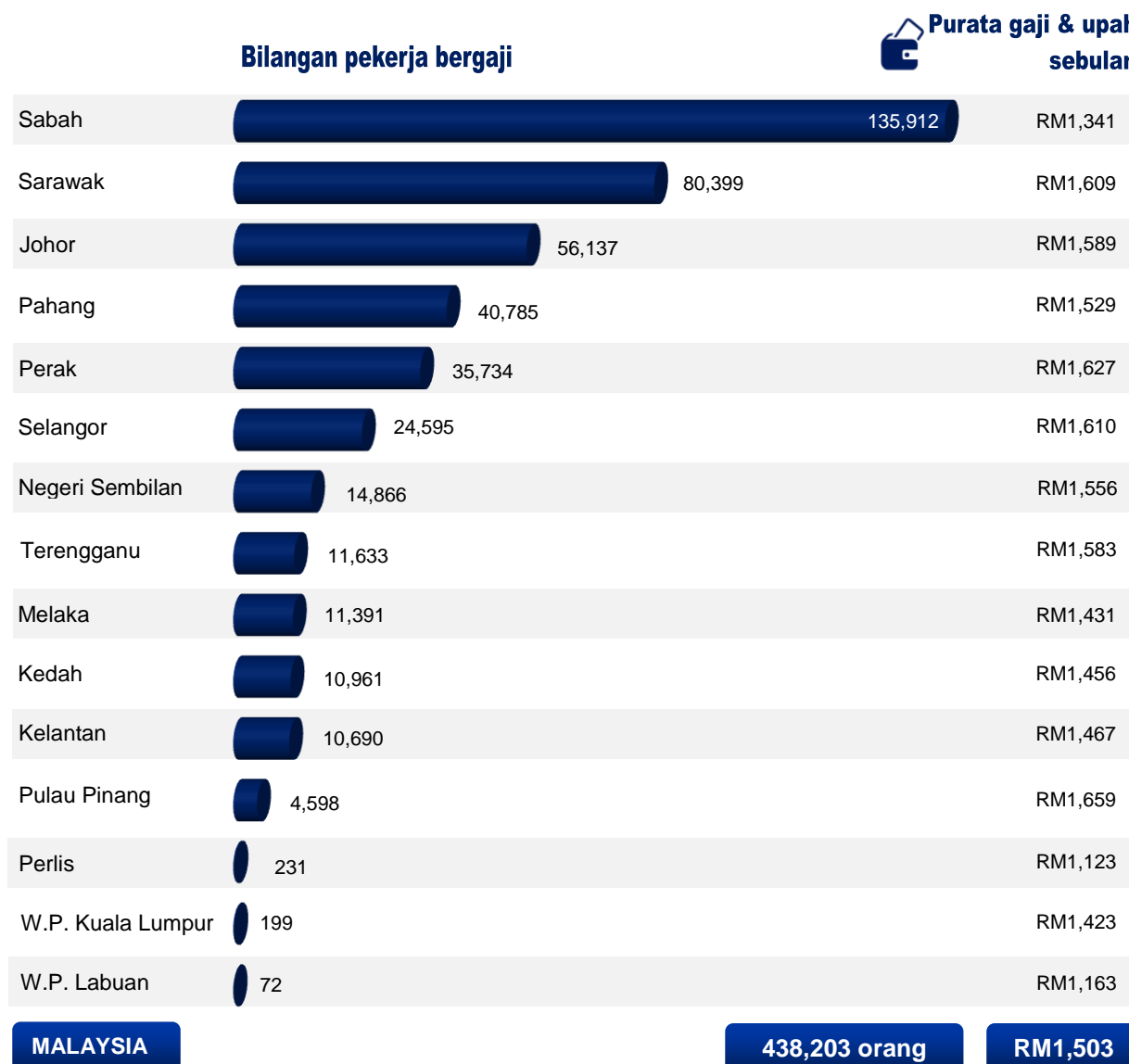
Paparan 4 : Bilangan pekerja sepenuh masa mengikut kategori kemahiran dan jantina, 2015



## RINGKASAN PENEMUAN

Jumlah pekerja sepenuh masa pada 2015 adalah 426,943 orang iaitu 96.0 peratus daripada keseluruhan pekerja. Kategori separuh mahir mencatatkan bilangan pekerja tertinggi dalam sektor pertanian seramai 370,243 orang (86.7%) diikuti mahir (28,815 orang) dan kurang mahir (27,885 orang). [Carta 4]

### Paparan 5 : Bilangan pekerja bergaji dan purata gaji & upah sebulan mengikut negeri, 2015

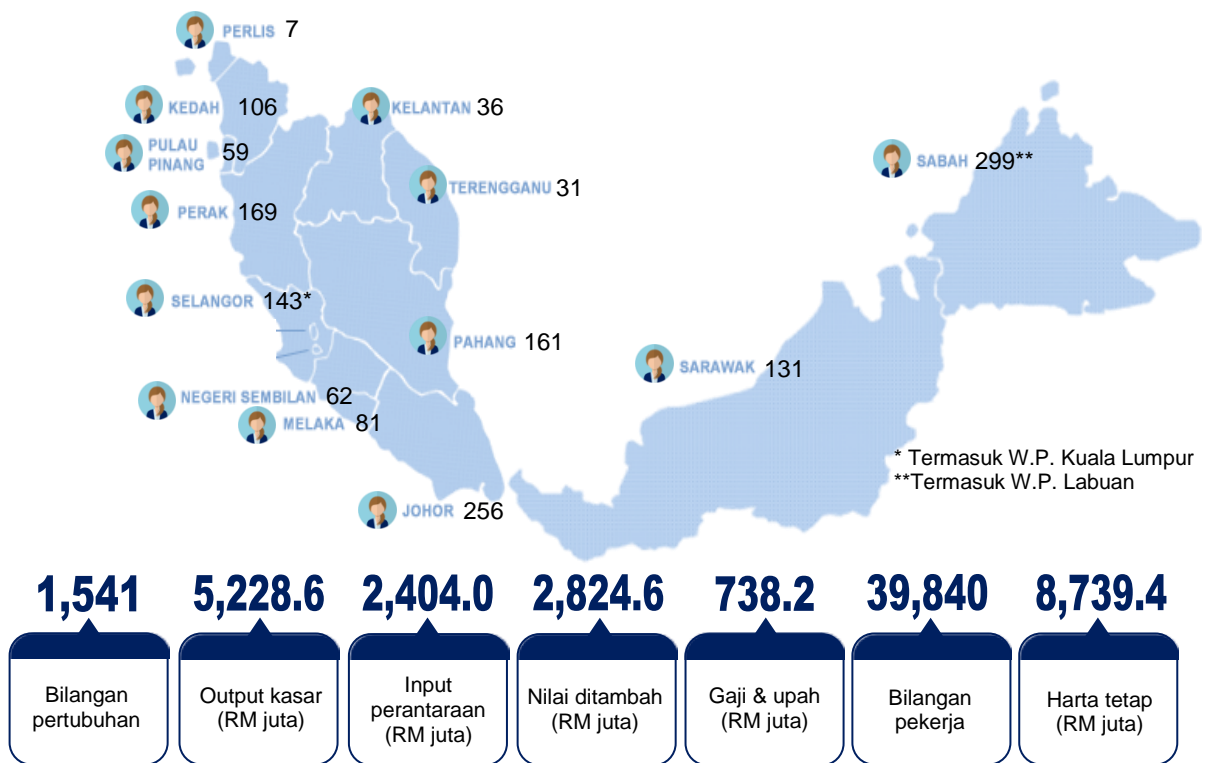


Purata gaji & upah bulanan pada 2015 adalah RM1,503. Pulau Pinang mencatatkan purata gaji & upah bulanan tertinggi iaitu RM1,659, diikuti Perak (RM1,627), Selangor (RM1,610) dan Sarawak (RM1,609). Negeri selainnya merekodkan purata gaji & upah bulanan diantara RM1,123 hingga RM1,589.

7. PERTUBUHAN MILIKAN WANITA

Bilangan pertubuhan milikan wanita pada 2015 ialah 1,541 pertubuhan, mencatatkan pertumbuhan tahunan sebanyak 21.6 peratus. Sumbangan output kasar pertubuhan milikan wanita adalah 7.1 peratus (RM5,228.6 juta) daripada keseluruhan output kasar sektor pertanian dengan nilai ditambah adalah RM2,824.6 juta. Sabah (termasuk W.P. Labuan) mempunyai peratus pertubuhan milikan wanita tertinggi (19.4%) diikuti Johor (16.6%) dan Perak (11.0%) manakala Perlis mencatatkan angka terendah pertubuhan milikan wanita iaitu hanya 7 pertubuhan.

Paparan 6: Pertubuhan milikan wanita sektor pertanian mengikut negeri, 2015



4 industri tertinggi pertubuhan milikan wanita



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## AGRICULTURE SECTOR

NUMBER OF ESTABLISHMENT	GROSS OUTPUT	NUMBER OF PERSONS ENGAGED	AVERAGE SALARIES & WAGES OF PAID EMPLOYEES
<b>11,628</b>	<b>RM 73,853.6</b> MILLION	<b>444,531</b> PERSONS	<b>RM 1,503</b> PER MONTH

### 1. INTRODUCTION

*This report presents statistics on the agriculture sector based on information obtained from the Economic Census conducted in 2016 (reference year 2015). Agriculture sector comprise of Crops, Livestock, Forestry & Logging and Fisheries sub-sector.*

### 2. OVERALL PERFORMANCE

*Overall, the main statistical of agriculture sector in 2015 showed a positive annual growth compared to 2010. A total of 11,628 establishments were operating with compound annual growth rate (CAGR) at 5.7 per cent compared to five years ago. Value of gross output increased 6.7 per cent per year from RM53,452.1 million in 2010 to RM73,853.6 million in 2015. Crops sub-sector was the main contributor of gross output value RM50,763.3 million, followed by Livestock (RM13,312.1 million), Forestry & Logging (RM7,552.2 million) and Fisheries (RM2,226.0 million). A total of 444,531 persons engaged in the agriculture sector compared to 390,708 persons in 2010 with an annual growth of 2.6 per cent. [Table A1]*

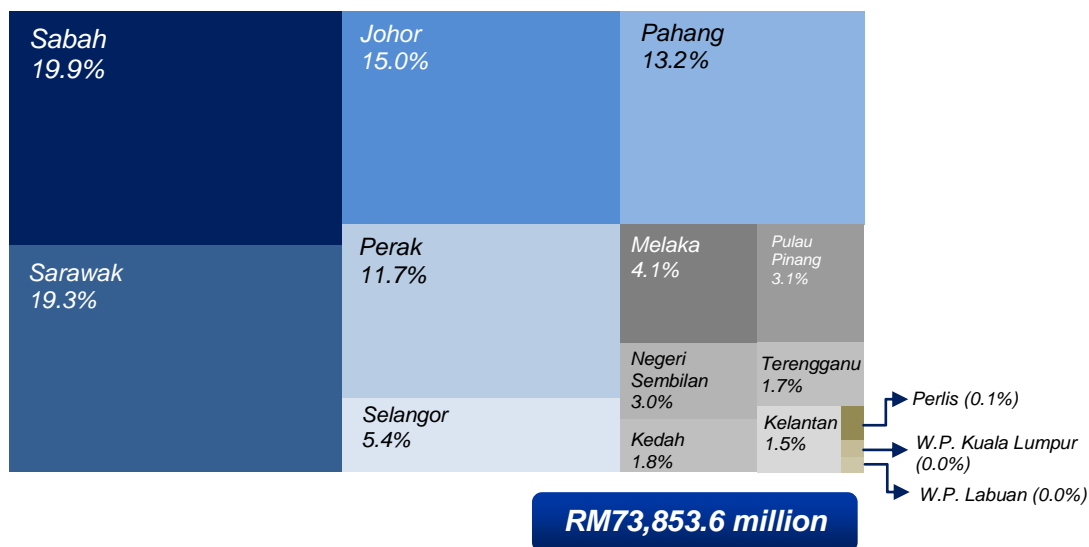
### 3. ESTABLISHMENT

*Establishments operating in 2015 were 11,628 establishments compared to 8,829 establishments in 2010 (CAGR: 5.7%). Crops sub-sector was the highest contributor to the number of establishments with a contribution of 69.0 per cent (8,029) followed by Livestock (1,604), Fisheries (1,229) and Forestry & Logging (766). Johor recorded the highest number of establishments (1,993), followed by Sabah (1,941) and Perak (1,564). [Table A3]*

**SUMMARY OF FINDINGS**

**4. GROSS OUTPUT**

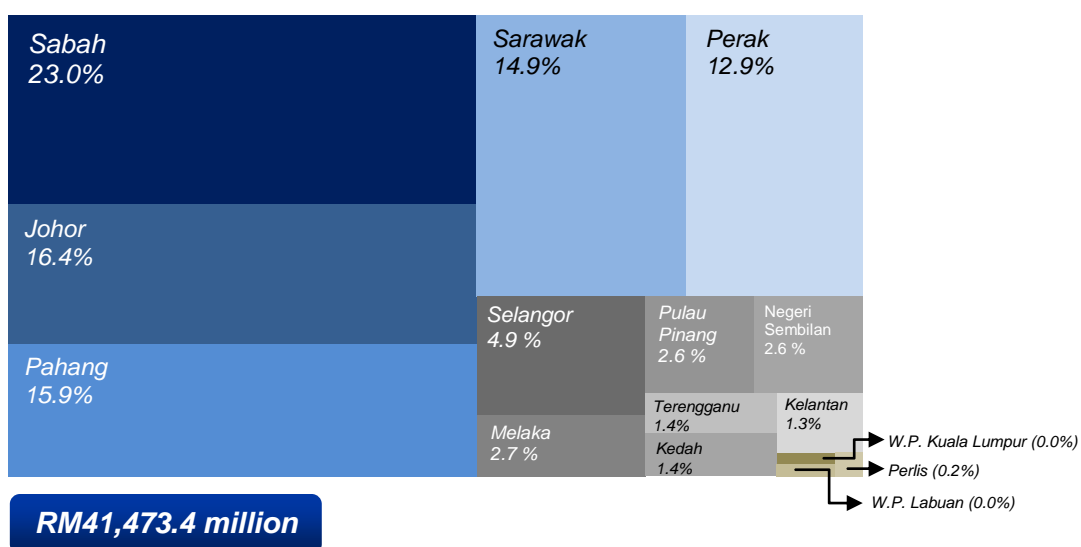
**Exhibit 1: Gross output of agriculture sector by states, 2015**



Gross output value of agriculture sector in 2015 was RM73,853.6 million, an increase of 6.7 per cent per year compared to RM53,452.1 million in 2010. The highest gross output recorded by Sabah RM14,731.4 million, with a share of 19.9 percent, followed by Sarawak (RM14,238.6 million) and Johor (RM11,110.8 million). These three states contributed 54.3 percent of total gross output agriculture sector.

**5. VALUE ADDED**

**Exhibit 2 : Value added of agriculture sector by states, 2015**

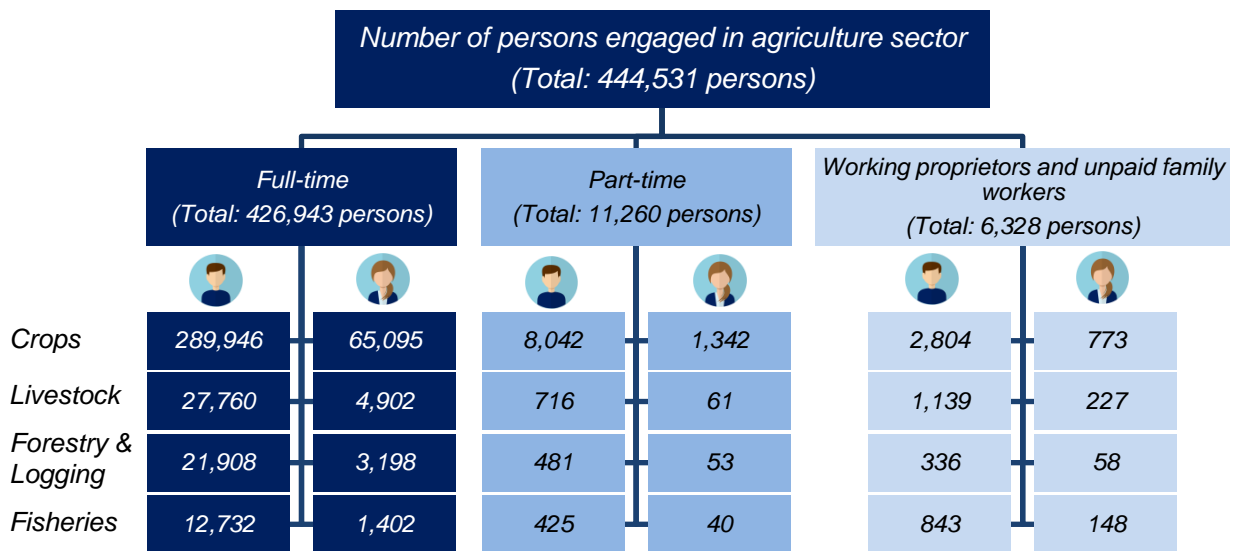


Value added of agriculture sector in 2015 was RM41,473.4 million, an increase of 5.9 per cent per year compared to RM31,075.9 million in 2010. Sabah contributed the highest value added as compared to other states of RM9,519.0 million with a share of 23.0 percent, followed by Johor (RM6,790.5 million) and Pahang (RM6,604.9 million). [Chart 2]

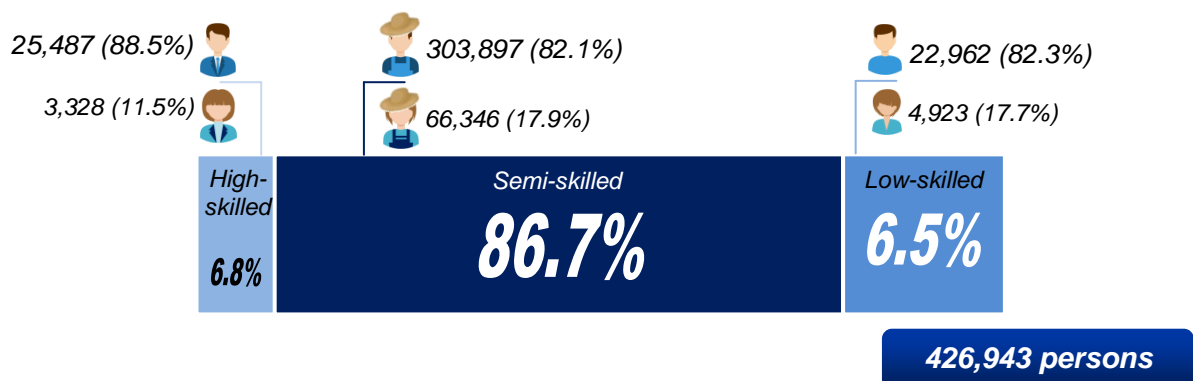
**6. NUMBER OF PERSONS ENGAGED AND SALARIES & WAGES**

Total of persons engaged was 444,531 persons with an increase of 2.6 per cent compared to 2010. This sector was dominated by male workers of 367,132 persons (82.6%). Category of paid employees (full-time and part-time) recorded a total of 437,203 persons (98.6%) and only 6,328 persons (1.4%) were working proprietors and unpaid family workers. Crops sub-sector provided the highest job opportunities as compared to other sub-sectors with a number of 368,002 persons. [Chart 3]

**Exhibit 3: Number of persons engaged by sub-sector and category of workers, 2015**



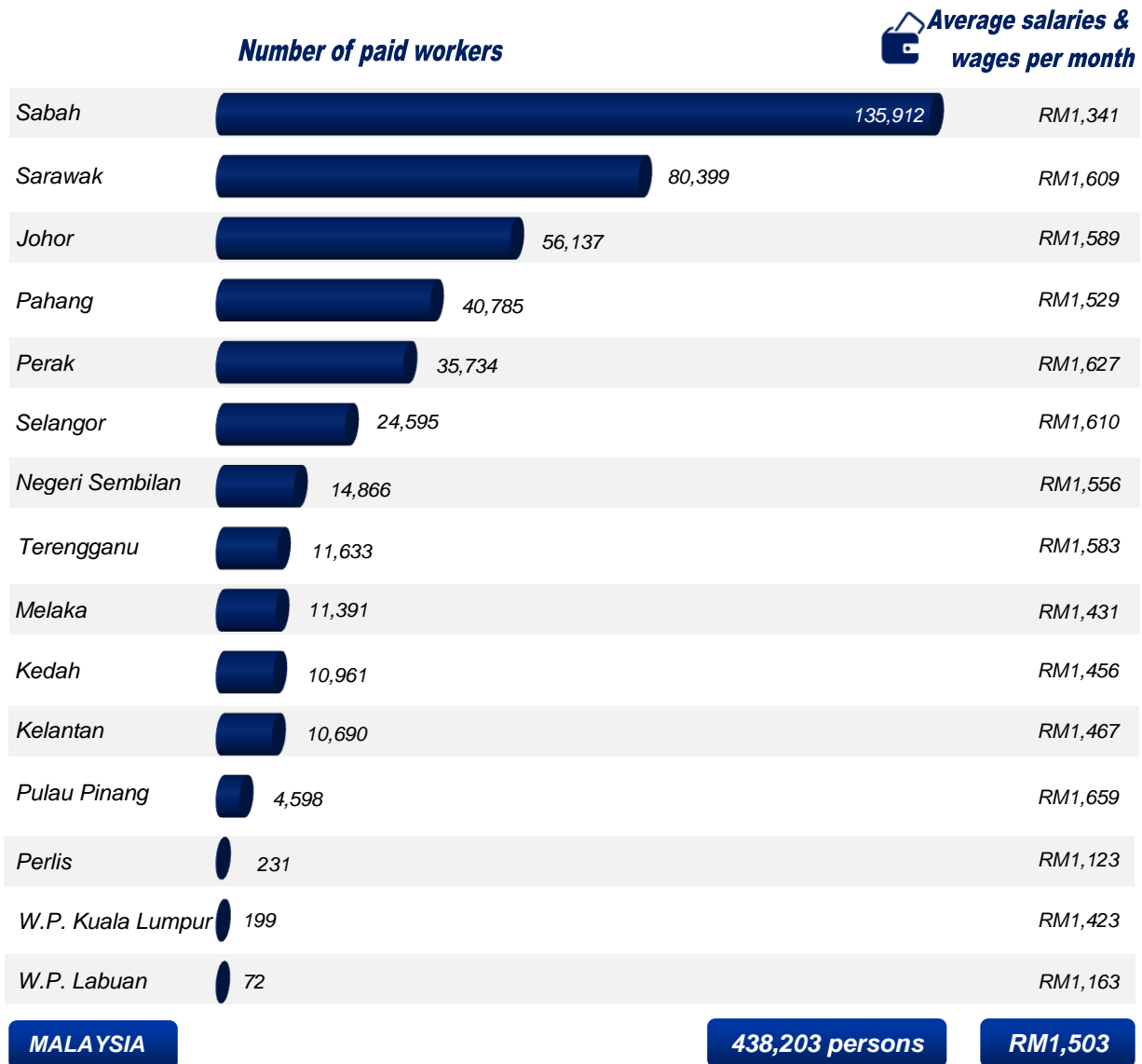
**Exhibit 4: Number of full-time employees by skilled category and sex, 2015**



## SUMMARY OF FINDINGS

Total number of full-time employees in 2015 was 426,943 persons representing 96.0 per cent of the total persons engaged. Category of semi-skilled recorded the highest number of persons engaged in the agriculture sector a total of 370,243 persons (86.7%) followed by high-skilled (28,815 persons) and low-skilled (27,885 persons).  
**[Chart 4]**

**Exhibit 5: Number of paid workers and salaries & wages per month by states, 2015**



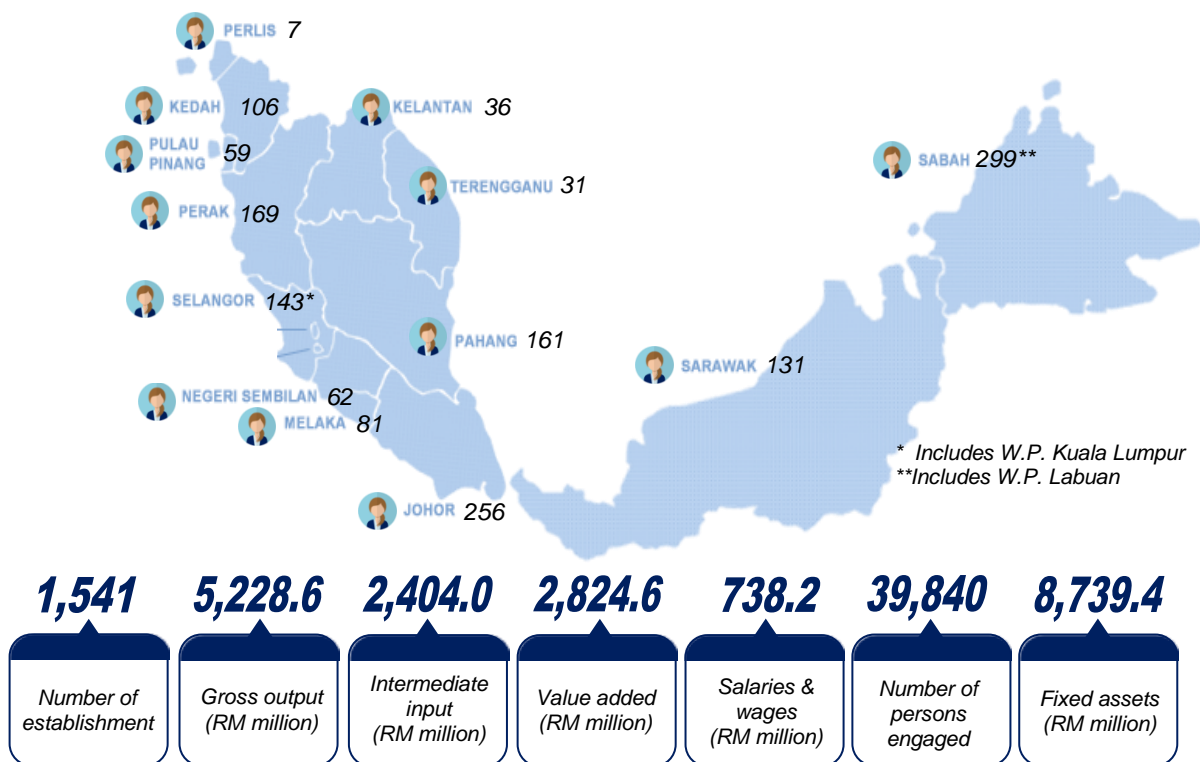
Average salaries & wages per month in 2015 was RM1,503. Pulau Pinang recorded the highest monthly average salaries & wages at RM1,659, followed by Perak (RM1,627), Selangor (RM1,610) and Sarawak (RM1,609). Other states recorded an average monthly salaries & wages between RM1,123 to RM1,589.



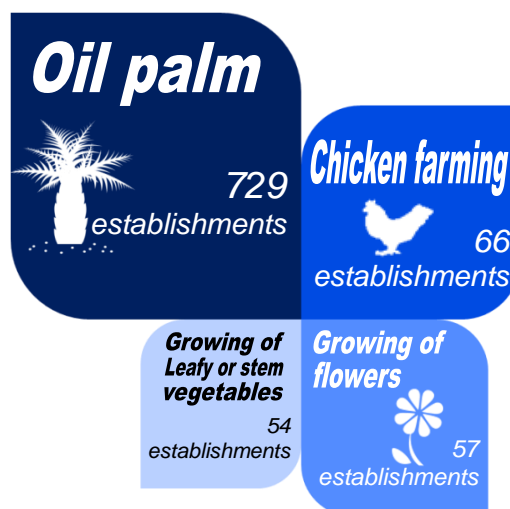
7. WOMEN-OWNED ESTABLISHMENTS

Women-owned establishments in 2015 were 1,541 establishments, recording an annual growth of 21.6 per cent. The contribution of gross output for women-owned establishment was 7.1 per cent (RM5,228.6 million) from the total gross output of agriculture sector with value added of RM 2,824.6 million. Sabah (including W.P. Labuan) had the highest percentage of women-owned establishments (19.4%), followed by Johor (16.6%) and Perak (11.0%) while Perlis recorded the lowest number of women-owned establishment that is only 7 establishments.

Exhibit 6: Women-owned establishments of agriculture sector by states, 2015



Top 4 industries women-owned establishments



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**PENEMUAN UTAMA  
SUBSEKTOR TERNAKAN**

*MAIN FINDINGS  
LIVESTOCK SUB-SECTOR*



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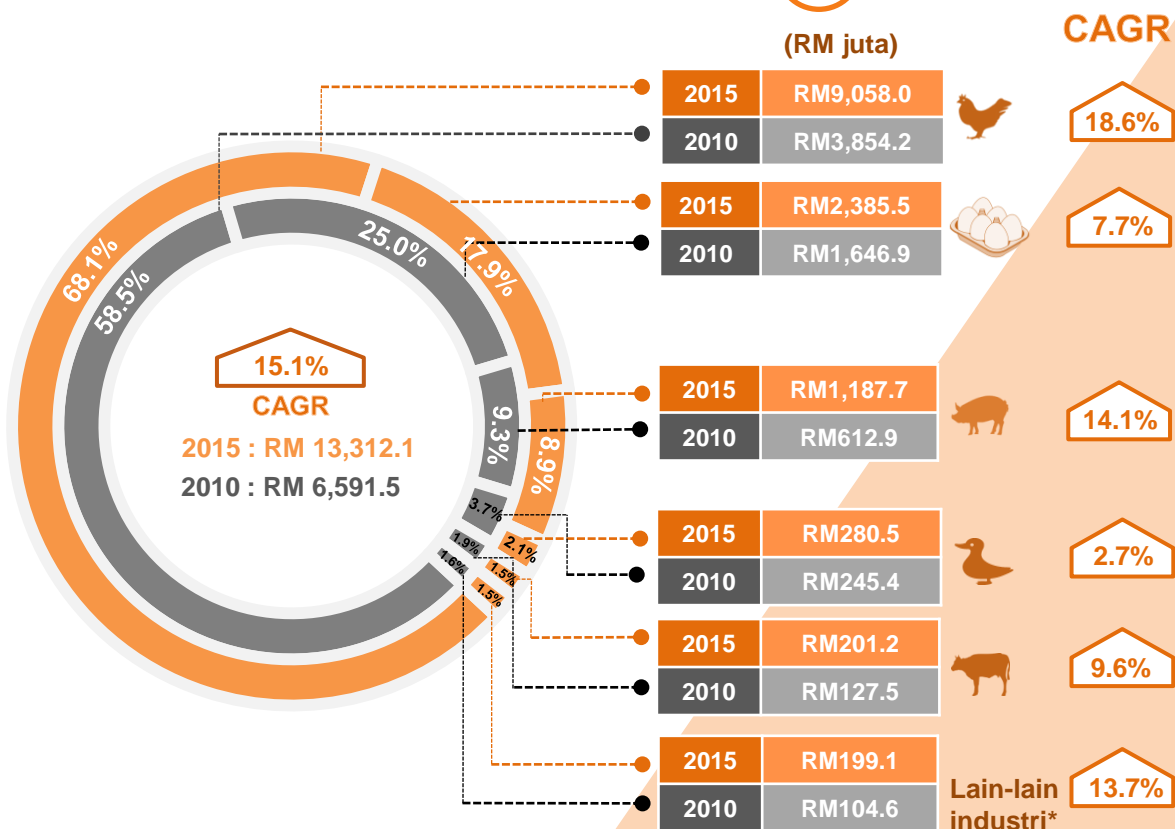


# BANCI EKONOMI

## SUBSEKTOR TERNAKAN

		2010	2015	CAGR
Bilangan pertubuhan		1,089	1,604	8.1%
Output kasar		RM6,591.5 juta	RM13,312.1 juta	15.1%
Input perantaraan		RM5,051.7 juta	RM9,901.8 juta	14.4%
Nilai ditambah		RM1,539.8 juta	RM3,410.3 juta	17.2%
Gaji & Upah		RM315.1 juta	RM726.2 juta	18.2%
Harta tetap		RM1,859.7 juta	RM3,799.4 juta	15.4%
Bilangan pekerja		20,056 orang	34,805 orang	11.7%
Pertubuhan milikan wanita		66	148	17.5%

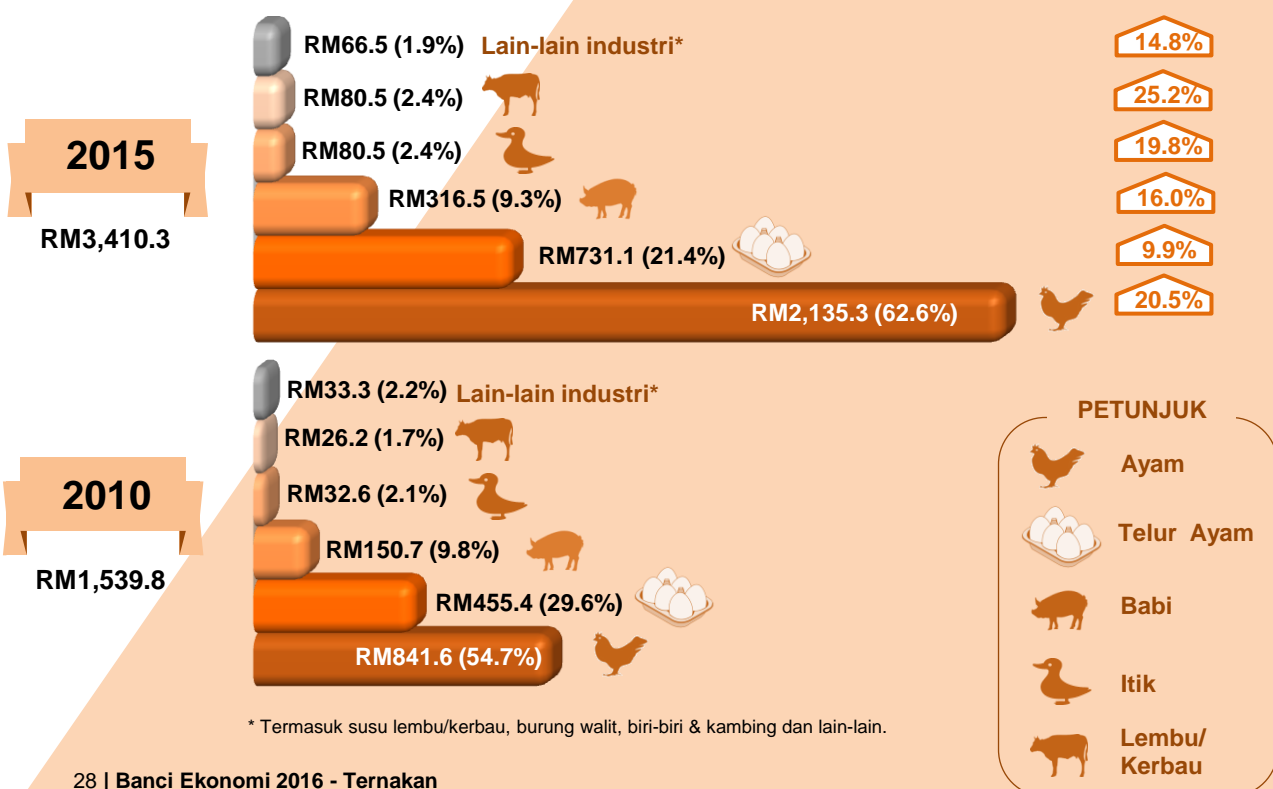
## Output kasar mengikut industri



## Nilai ditambah mengikut industri

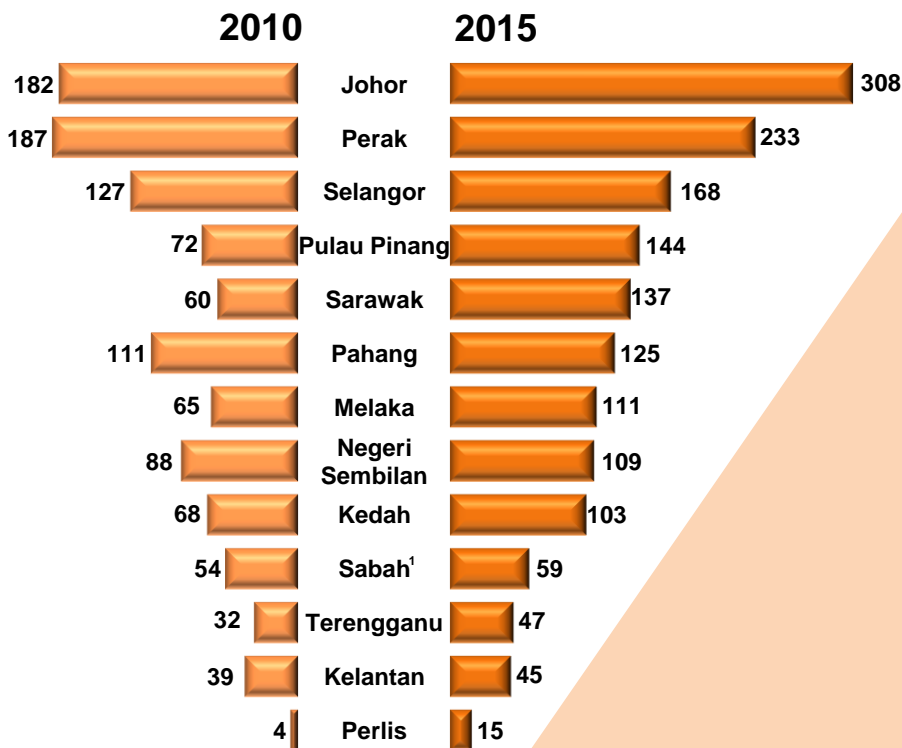


(RM juta)

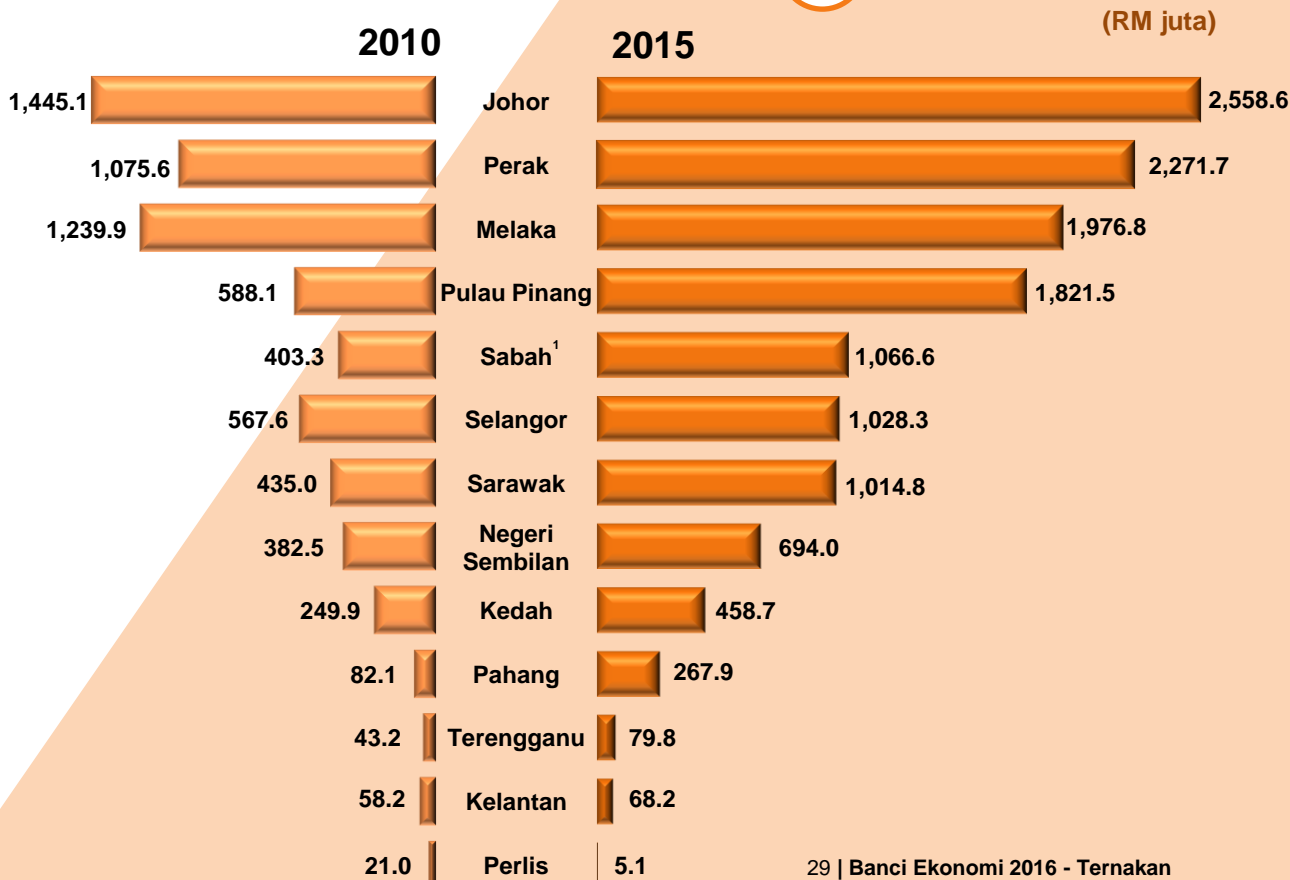


\* Termasuk susu lembu/kerbau, burung walit, biri-biri & kambing dan lain-lain.

## Pertubuhan mengikut negeri

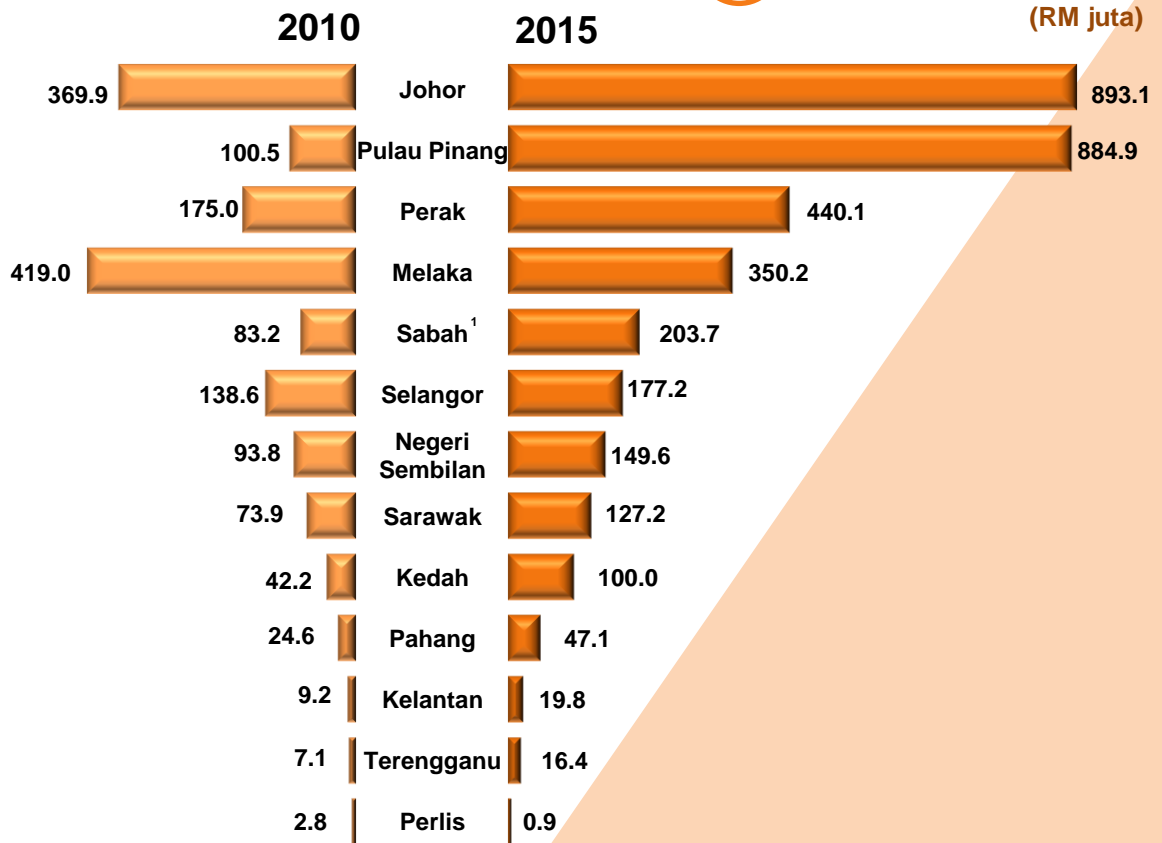


## Output kasar mengikut negeri

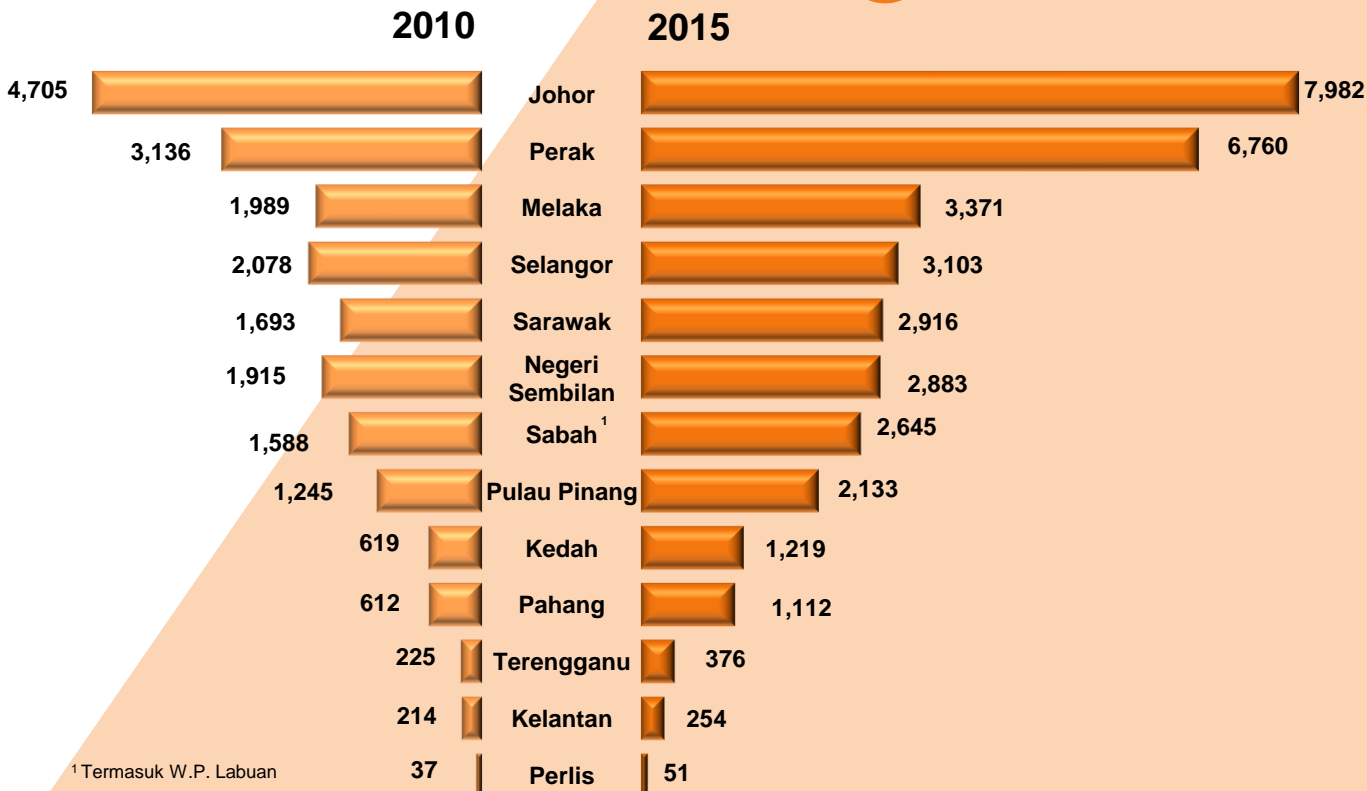


<sup>1</sup>Termasuk W.P. Labuan

## Nilai ditambah mengikut negeri



## Bilangan pekerja mengikut negeri



<sup>1</sup>Termasuk W.P. Labuan



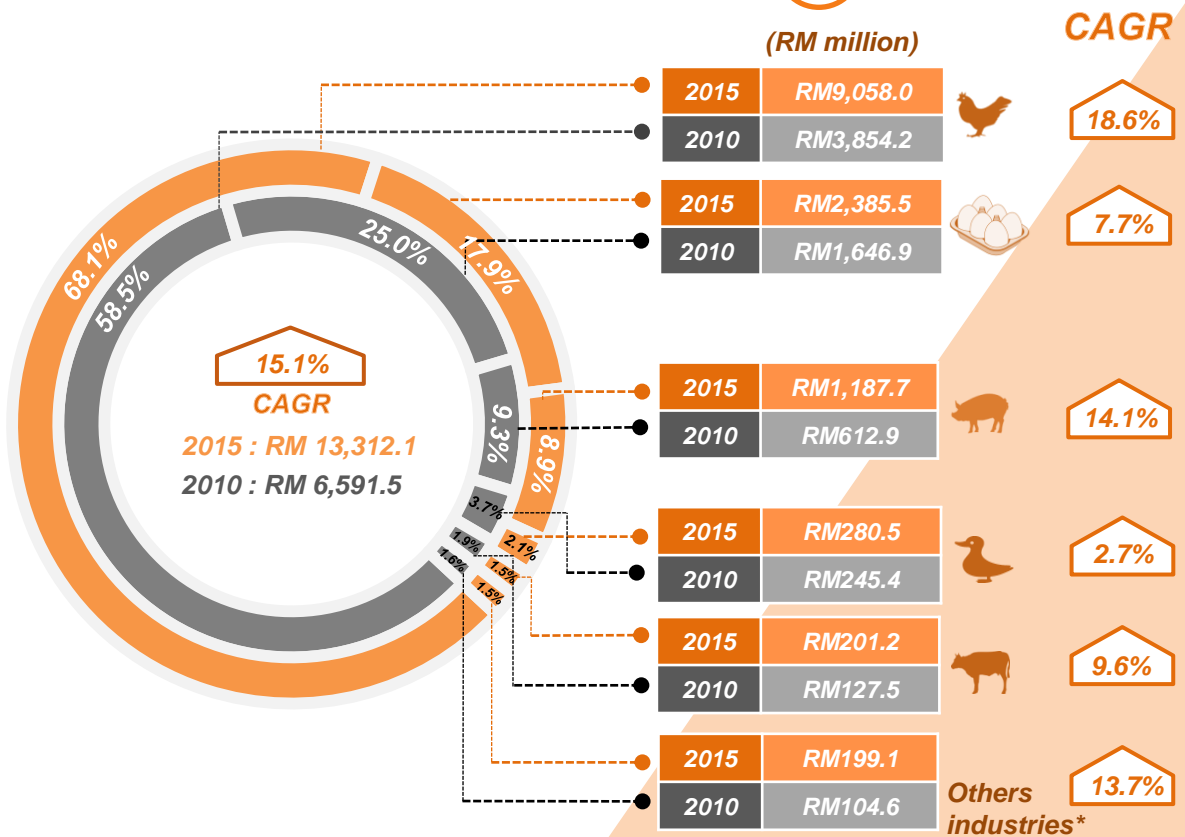


# ECONOMIC CENSUS

## LIVESTOCK SUB-SECTOR

		2010	2015	CAGR
Number of establishment		1,089	1,604	8.1%
Gross output		RM6,591.5 million	RM13,312.1 million	15.1%
Intermediate input		RM5,051.7 million	RM9,901.8 million	14.4%
Value added		RM1,539.8 million	RM3,410.3 million	17.2%
Salaries & wages		RM315.1 million	RM726.2 million	18.2%
Fixed assets		RM1,859.7 million	RM3,799.4 million	15.4%
Number of persons engaged		20,056 persons	34,805 persons	11.7%
Women-owned establishment		66	148	17.5%

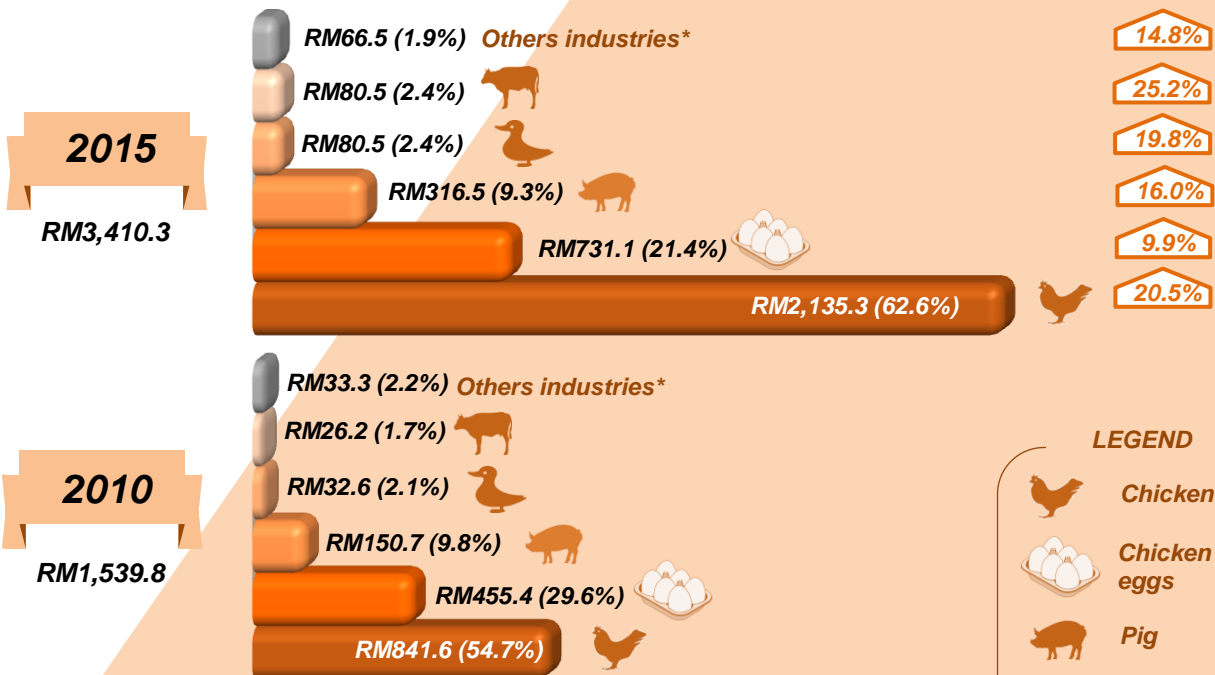
## Gross output by industry



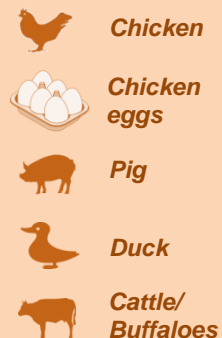
## Value added by industry



(RM million)

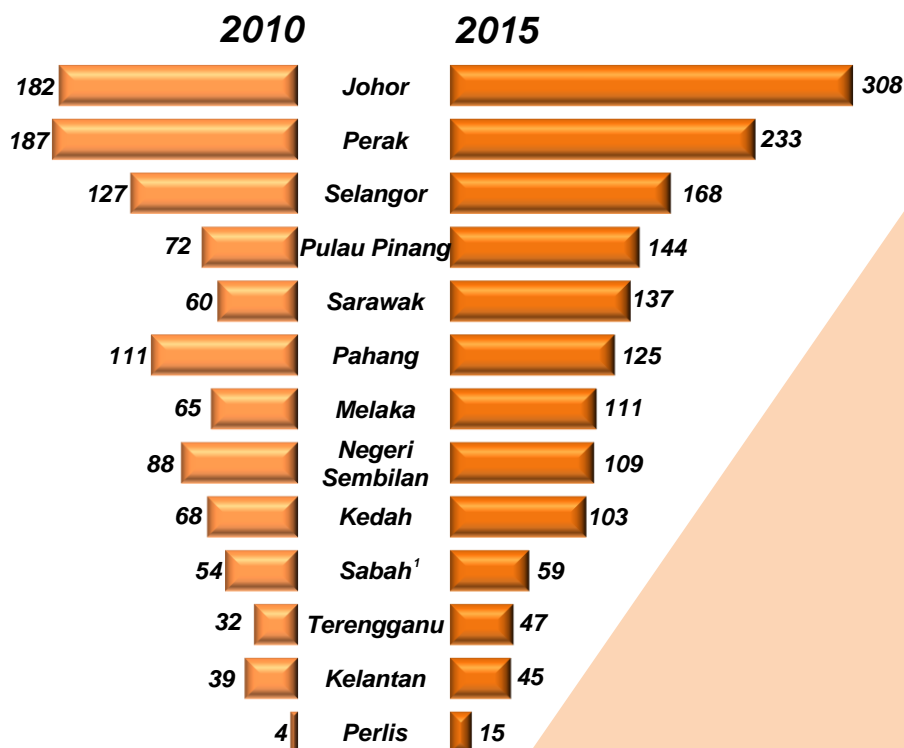


### LEGEND

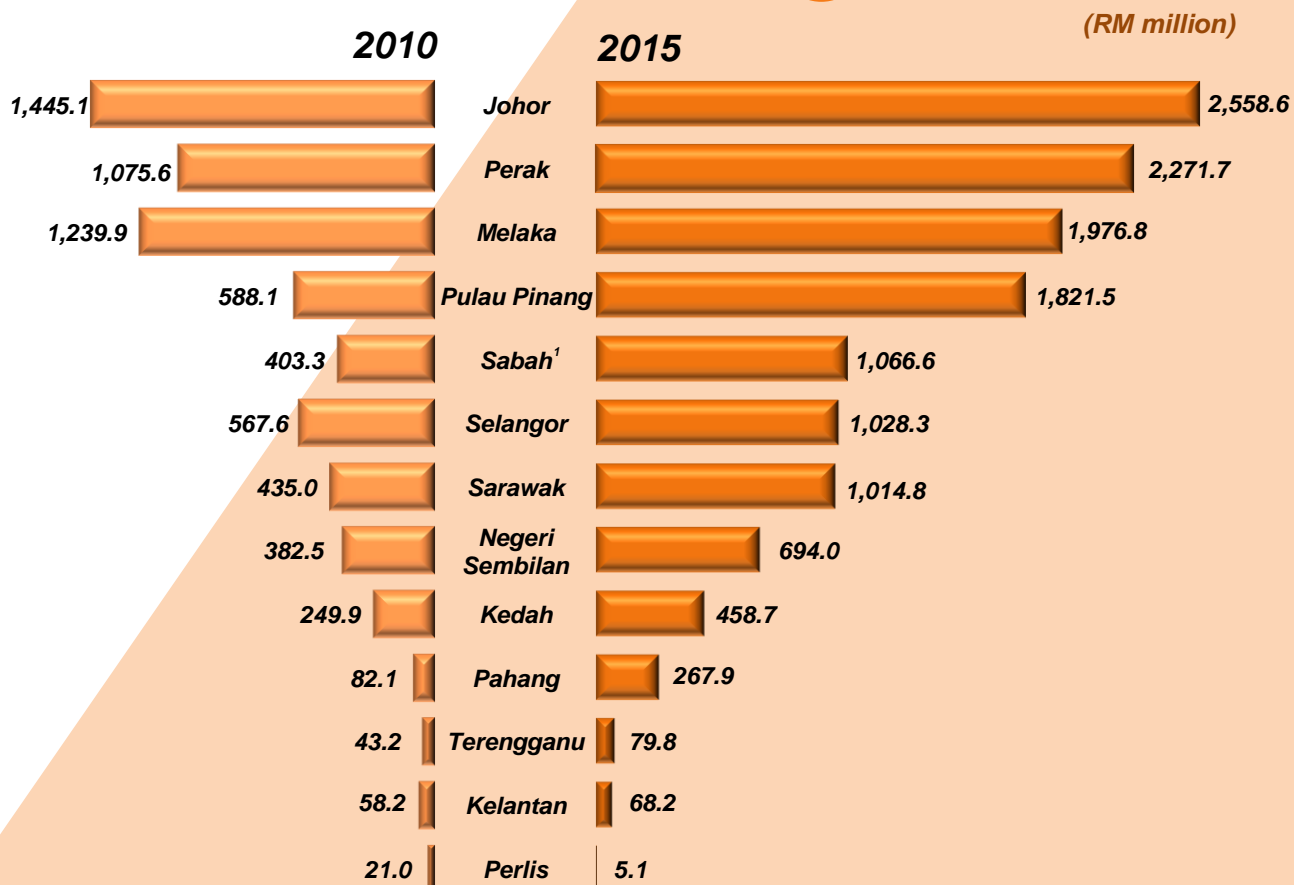


\* Includes cattle/buffaloes milk, swiftlet, sheep & goats and others.

## Establishment by states

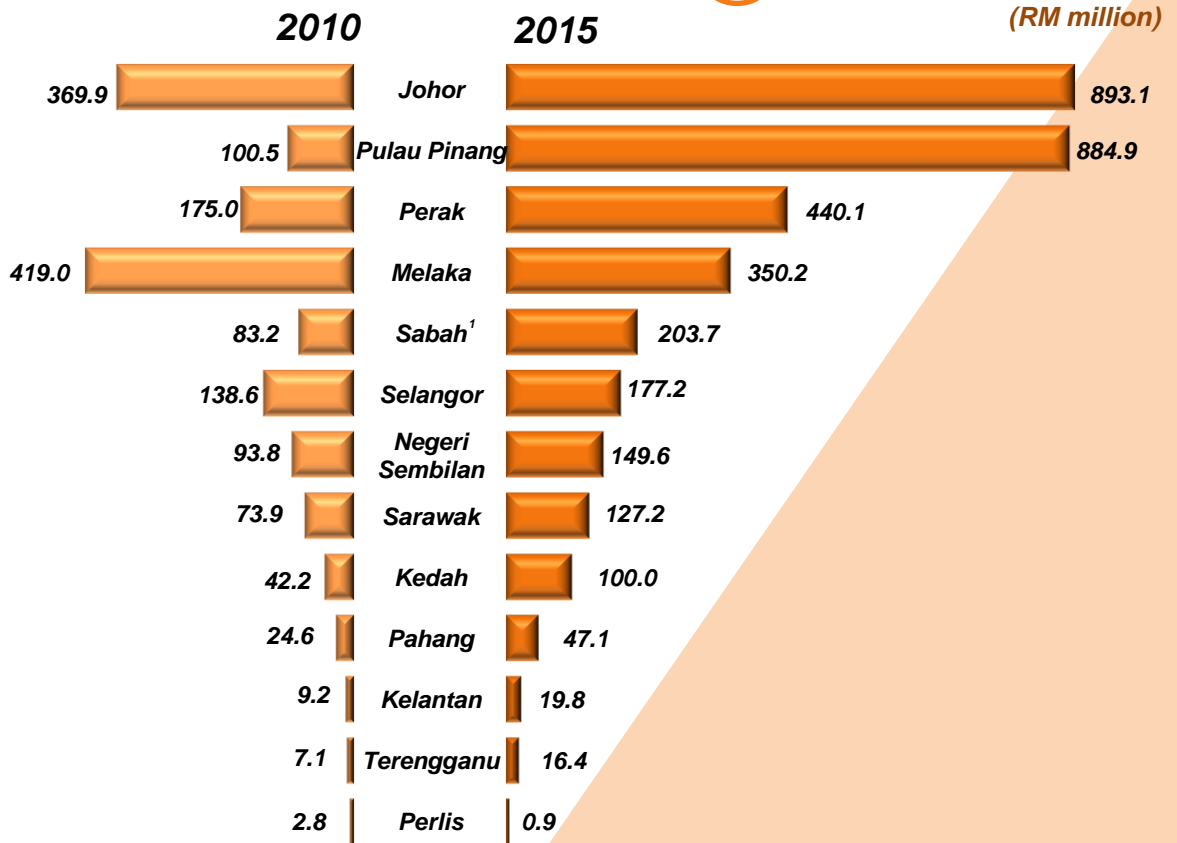


## Gross output by states

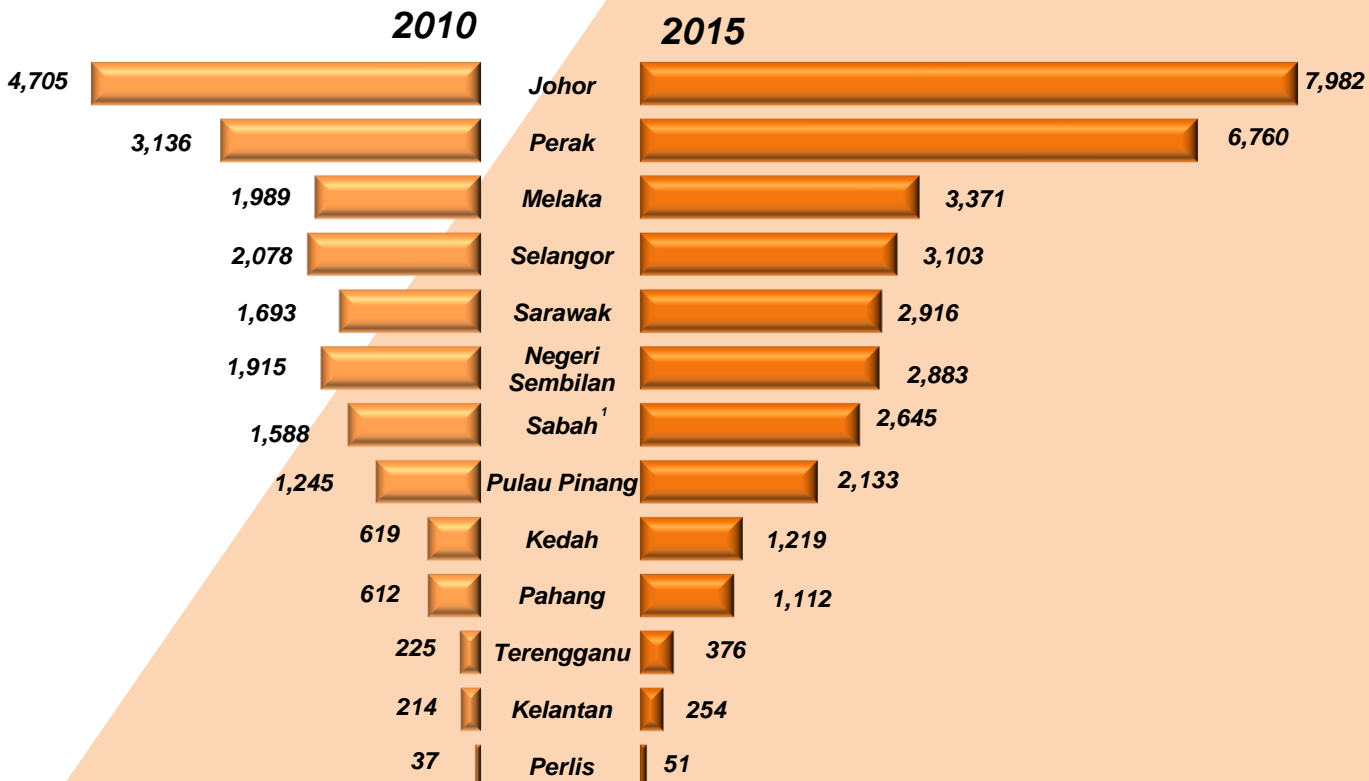


<sup>1</sup> Include W.P. Labuan

## Value added by states



## Number of persons engaged by states



<sup>1</sup> Include W.P. Labuan

**RINGKASAN PENEMUAN  
SUBSEKTOR TERNAKAN**

*SUMMARY OF FINDINGS  
LIVESTOCK SUB-SECTOR*



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## SUBSEKTOR TERNAKAN



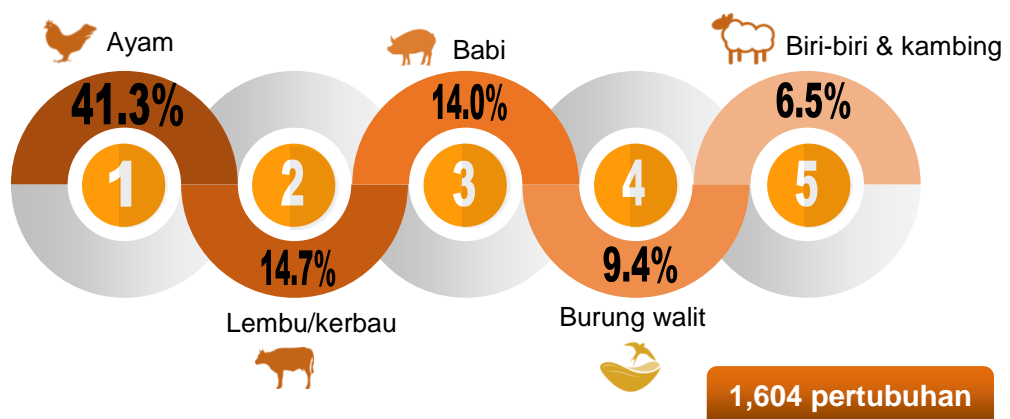
## 1. PRESTASI KESELURUHAN

Secara keseluruhan, perangkaan utama subsektor ternakan pada 2015 menunjukkan pertumbuhan tahunan positif berbanding 2010. Sejumlah 1,604 pertubuhan beroperasi dengan kadar pertumbuhan tahunan dikompaun (CAGR) sebanyak 8.1 peratus setahun berbanding lima tahun yang lalu. Nilai output kasar meningkat 15.1 peratus setahun daripada RM6,591.5 juta pada 2010 kepada RM13,312.1 juta pada 2015. Seramai 34,805 pekerja terlibat dalam subsektor ternakan berbanding 20,056 orang pada 2010 dengan mencatatkan pertumbuhan tahunan 11.7 peratus dan purata gaji & upah pekerja berjumlah RM1,810. [Jadual A1]

## 2. PERTUBUHAN

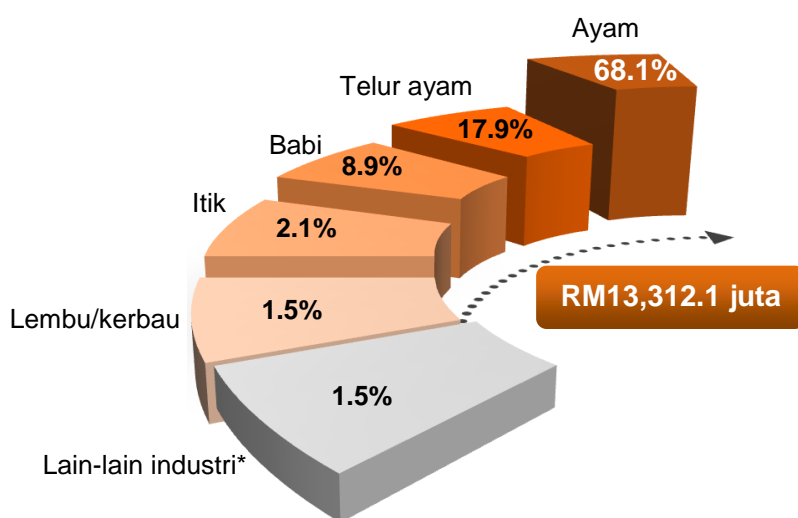
Peratusan pertubuhan subsektor ternakan pada 2015 adalah 13.8 peratus (1,604) daripada keseluruhan pertubuhan sektor pertanian. Lima industri tertinggi bagi subsektor ternakan adalah penternakan ayam 662 pertubuhan (41.3%) dengan pertumbuhan tahunan 13.4 peratus diikuti penternakan lembu/kerbau (236), penternakan babi (225), penternakan burung walit (150) dan penternakan biri-biri & kambing (104). [Jadual B1]

Papan 1 : Lima industri tertinggi subsektor ternakan, 2015



3. OUTPUT KASAR

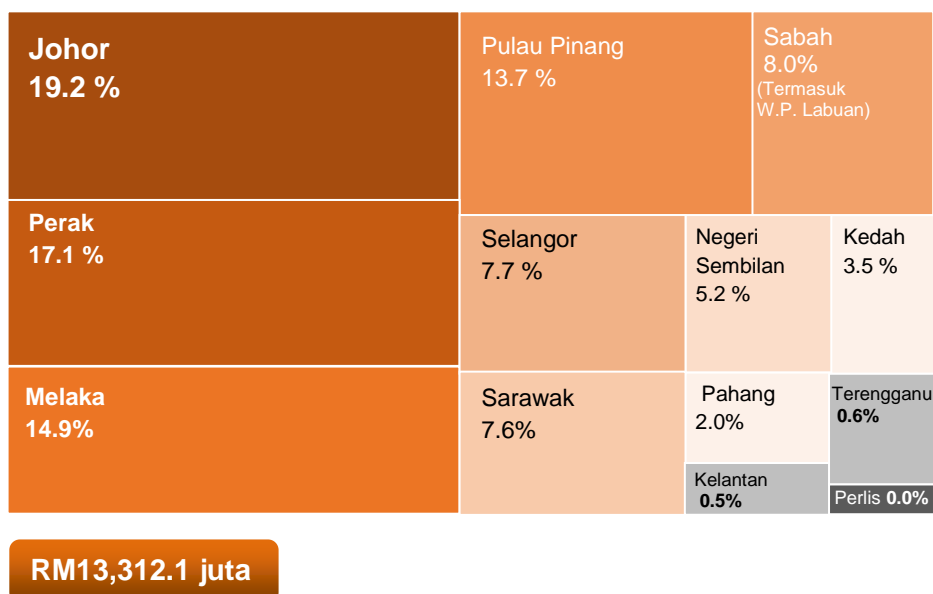
Paparan 2 : Output kasar mengikut industri, 2015



\* Termasuk susu lembu/kerbau, burung walit, biri-biri & kambing dan lain-lain.

Industri penternakan ayam merupakan penyumbang utama output kasar pada 2015 iaitu RM9,058.0 juta berbanding RM3,854.2 juta pada 2010 (CAGR:18.6%) diikuti pengeluaran telur ayam (RM2,385.5 juta) dan penternakan babi (RM1,187.7 juta).  
[Jadual B1]

Paparan 3 : Output kasar mengikut negeri, 2015



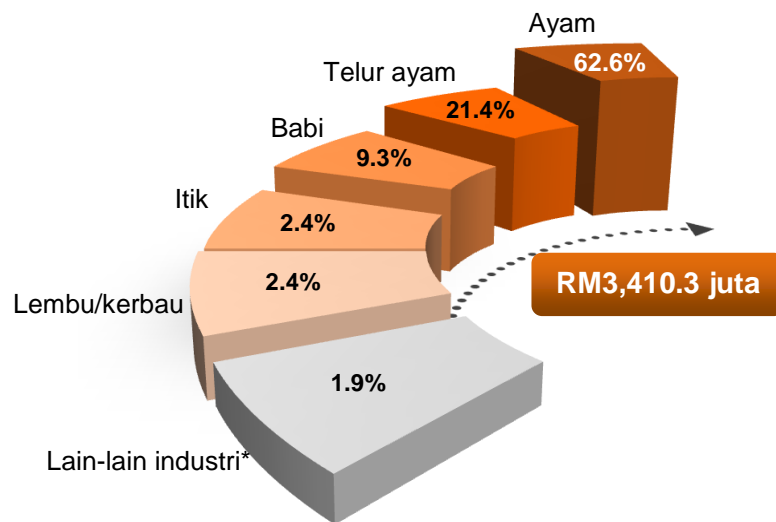
Johor mencatatkan sumbangan output kasar tertinggi iaitu RM2,558.6 juta dengan sumbangan 19.2 peratus diikuti Perak (RM2,271.7 juta) dan Melaka (RM1,976.8 juta).  
[Jadual B2]



4. NILAI DITAMBAH

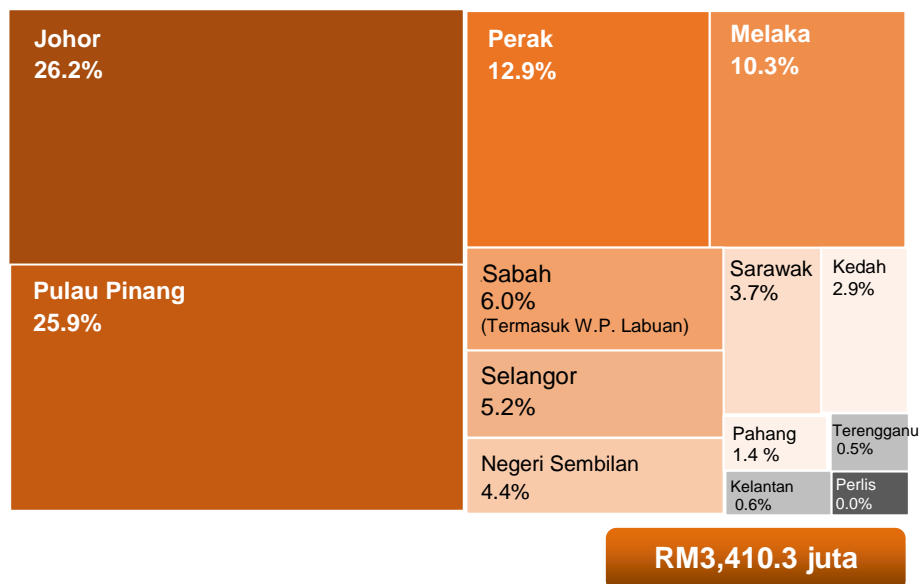
Nilai ditambah subsektor ternakan pada 2015 ialah RM3,410.3 juta, meningkat sebanyak 17.2 peratus setahun berbanding RM1,539.8 juta pada 2010. Industri penternakan ayam menyumbang 62.6 peratus (RM2,135.3 juta), diikuti pengeluaran telur ayam (RM731.1 juta) dan penternakan babi (RM316.5 juta). Ketiga-tiga industri ini menyumbang 93.3 peratus daripada keseluruhan nilai ditambah. **[Jadual B1]**

Paparan 4 : Nilai ditambah mengikut industri, 2015



\* Termasuk susu lembu/kerbau, burung walit, biri-biri & kambing dan lain-lain.

Paparan 5 : Nilai ditambah mengikut negeri, 2015

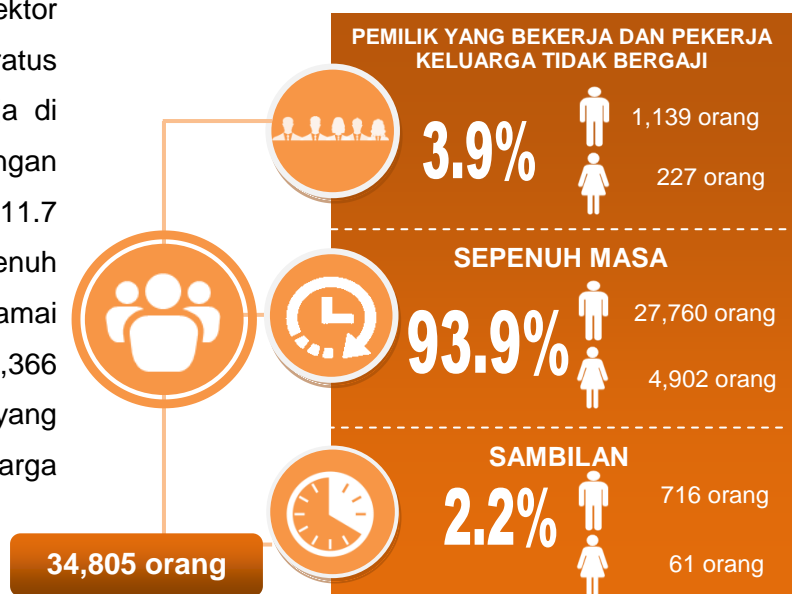


Nilai ditambah mengikut negeri menunjukkan Johor adalah penyumbang utama iaitu RM893.1 juta (26.2%) diikuti Pulau Pinang (RM884.9 juta) dan Perak (RM440.1 juta). **[Jadual B2]**

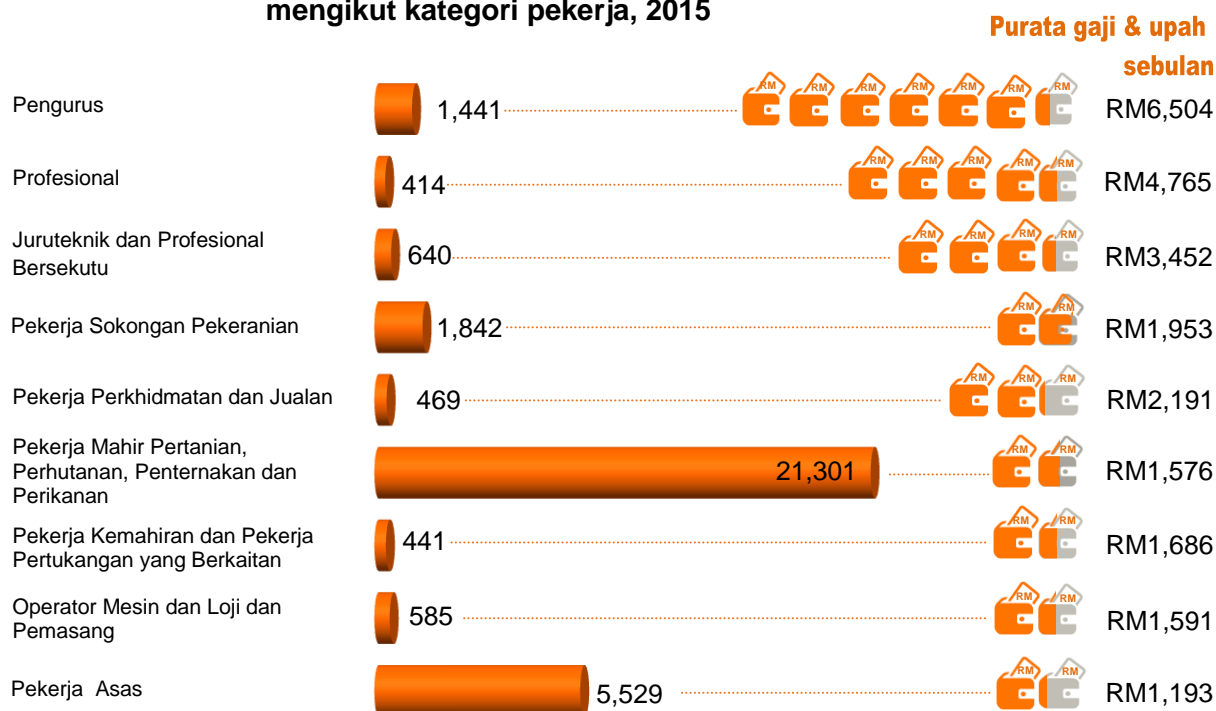
5. BILANGAN PEKERJA DAN GAJI & UPAH

Paparan 6 : Bilangan pekerja mengikut kategori pekerja dan jantina, 2015

Bilangan pekerja subsektor ternakan adalah 7.8 peratus daripada keseluruhan pekerja di sektor pertanian dengan pertumbuhan tahunan 11.7 peratus. Pekerja bergaji (sepenuh masa dan sambilan) seramai 33,439 orang dan hanya 1,366 orang adalah pemilik yang bekerja dan pekerja keluarga tidak bergaji. [Jadual B8]



Paparan 7: Bilangan pekerja sepenuh masa dan purata gaji & upah sebulan mengikut kategori pekerja, 2015



■ Bilangan pekerja sepenuh masa    Purata gaji & upah    = RM1,000

Jumlah bayaran gaji & upah pekerja sepenuh masa yang direkodkan adalah RM720.3 juta. Kategori Pekerja Mahir Pertanian, Perhutanan, Penternakan & Perikanan merekodkan bayaran gaji & upah tertinggi iaitu RM402.9 juta (55.9%) berbanding kategori lain dengan purata gaji & upah RM1,576 sebulan. [Jadual B8]

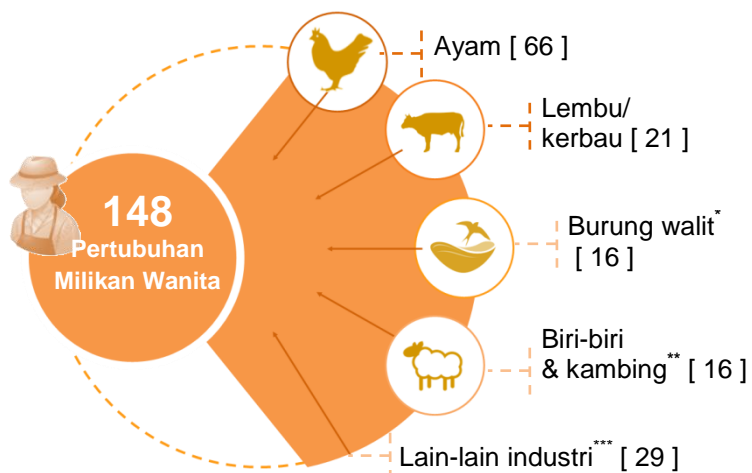
## 6. PERTUBUHAN MILIKAN WANITA

Pertubuhan milikan wanita yang direkodkan pada 2015 adalah 148 pertubuhan dengan pertumbuhan tahunan sebanyak 17.5 peratus. Sumbangan output kasar pertubuhan milikan wanita 4.3 peratus (RM567.0 juta) daripada keseluruhan output kasar subsektor ternakan dengan nilai ditambah RM174.8 juta. Johor mempunyai bilangan pertubuhan milikan wanita tertinggi iaitu 38 pertubuhan (25.7%) diikuti Selangor dan Perak masing-masing 33 dan 15 pertubuhan. **[Jadual B13]**

**Paparan 8 : Pertubuhan milikan wanita mengikut negeri, 2015**



**Paparan 9 : Pertubuhan milikan wanita mengikut industri, 2015**



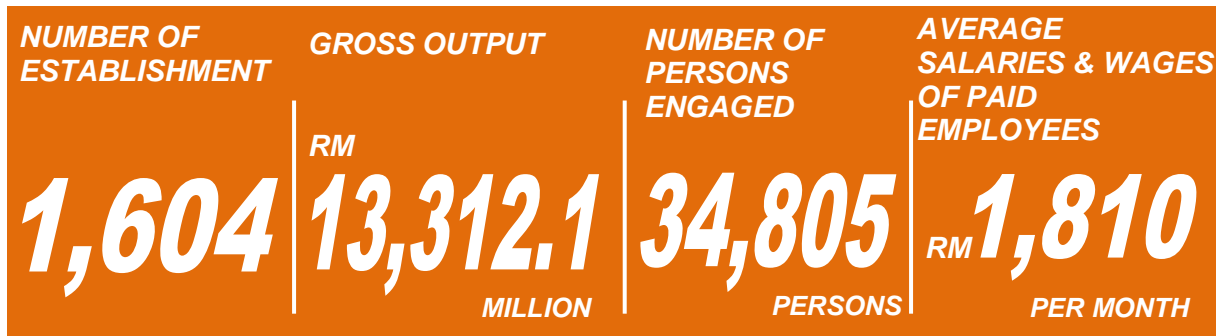
Pertubuhan milikan wanita tertinggi dicatatkan oleh industri penternakan ayam iaitu 66 pertubuhan diikuti penternakan lembu/kerbau 21 pertubuhan.

**[Jadual B12]**

\* Termasuk pengeluaran hasil madu & lilin lebah dan haiwan peliharaan.  
 \*\* Termasuk pengeluaran susu biri-biri/kambing.  
 \*\*\* Termasuk babi, susu lembu/kerbau dan lain-lain.

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## LIVESTOCK SUB-SECTOR



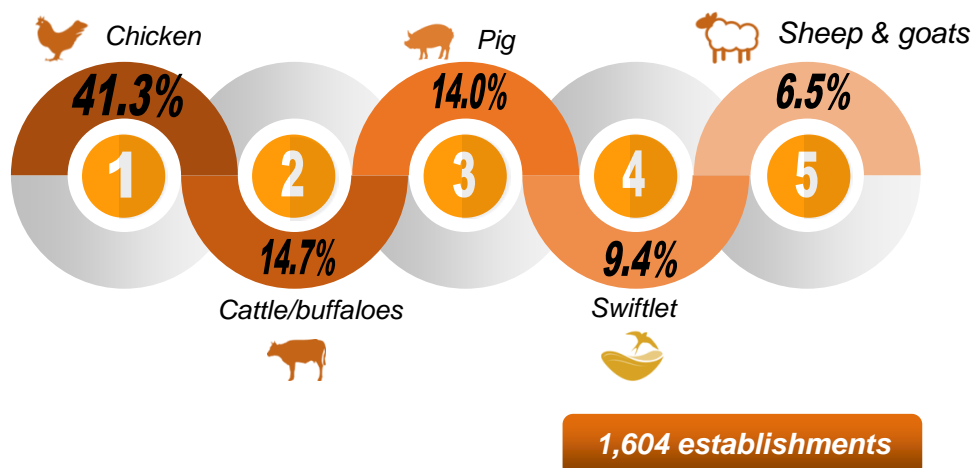
## 1. OVERALL PERFORMANCE

Overall, the main statistical of livestock sub-sector in 2015 showed a positive annual growth compared to 2010. A total of 1,604 establishments were operating compared to 2010 with compound annual growth rate (CAGR) at 8.1 per cent per year compared to five year ago. Value of gross output increased 15.1 per cent per year from RM6,591.5 million in 2010 to RM13,312.1 million in 2015. A total of 34,805 persons engaged were involved in the livestock sub-sector compared to 20,056 persons in 2010 with an annual growth of 11.7 per cent and average salaries & wages of RM1,810. [Table A1]

## 2. ESTABLISHMENT

The percentage of livestock sub-sector establishment in 2015 was 13.8 per cent (1,604) from the total establishments of agriculture sector. Top five industries of livestock sub-sector were industry of chicken farming 662 establishments (41.3%) with an annual growth of 13.4 per cent followed by cattle/buffaloes farming (236), pig farming (225), swiftlet farming (150), and sheep & goats farming (104). [Table B1]

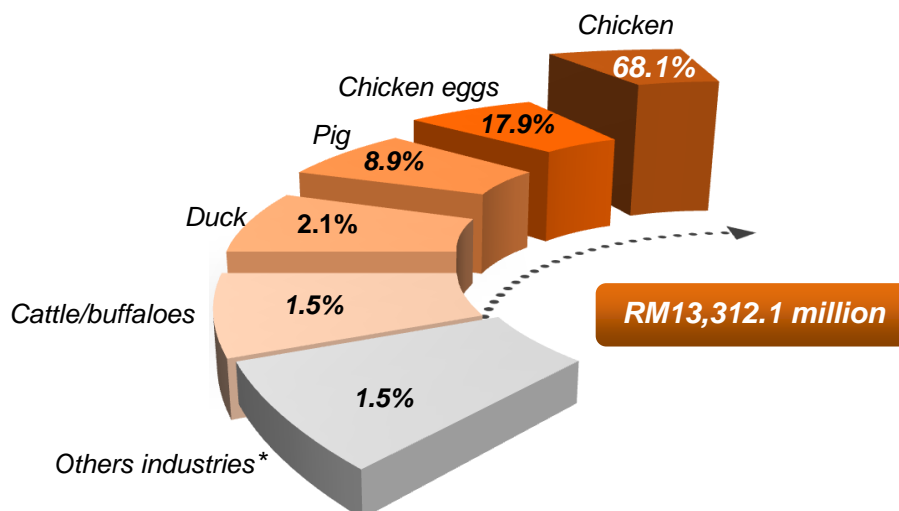
Exhibit 1 : Top five industries of livestock sub-sector, 2015



## SUMMARY OF FINDINGS

### 3. GROSS OUTPUT

**Exhibit 2 : Gross output by industry, 2015**



\* Includes cattle/buffaloes milk, swiftlet, sheep & goats and others.

Chicken farming industry was a main contributor to the gross output in 2015 of RM9,058.0 million compared to RM3,854.2 million in 2010 (CAGR:18.6%) followed by production of chicken eggs (RM2,385.5 million) and pig farming (RM1,187.7 million).

**[Table B1]**

**Exhibit 3 : Gross output by states, 2015**

<b>Johor</b> 19.2 %	<b>Pulau Pinang</b> 13.7 %	<b>Sabah</b> 8.0% (Includes W.P. Labuan)	
<b>Perak</b> 17.1 %	<b>Selangor</b> 7.7 %	<b>Negeri Sembilan</b> 5.2 %	<b>Kedah</b> 3.5 %
<b>Melaka</b> 14.9%	<b>Sarawak</b> 7.6%	<b>Pahang</b> 2.0%	<b>Terengganu</b> 0.6%
		<b>Kelantan</b> 0.5%	<b>Perlis</b> 0.0%

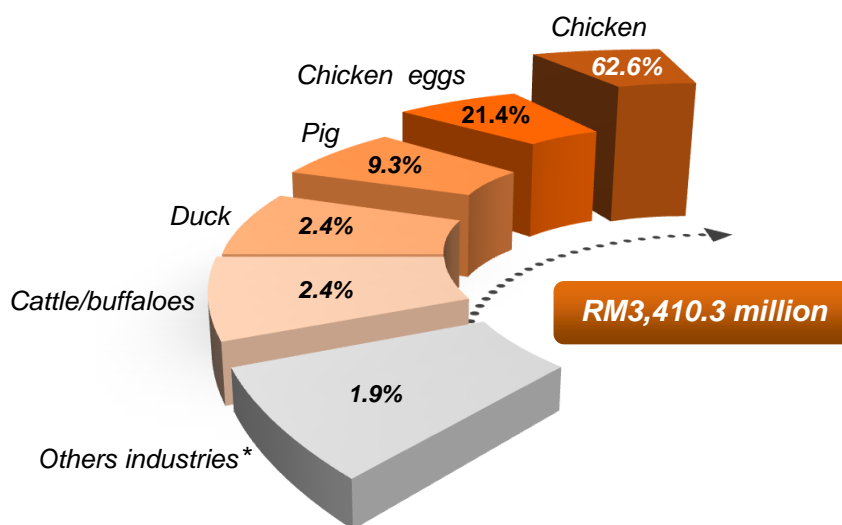
**RM13,312.1 million**

Johor recorded the highest contribution of gross output RM2,558.6 million with a share of 19.2 per cent, followed by Perak (RM2,271.7 million) and Melaka (RM1,976.8 million). **[Table B2]**

4. VALUE ADDED

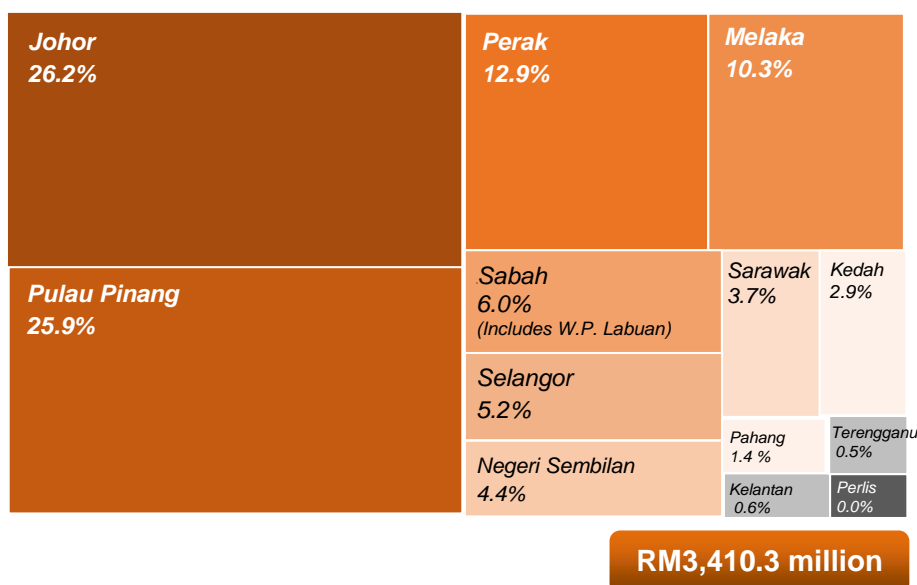
Value added of livestock sub-sector in 2015 was RM3,410.3 million, an increase of 17.2 per cent per year compared to RM1,539.8 million in 2010. Chicken farming industry contributed 62.6 per cent (RM2,135.3 million), followed by the production of chicken eggs (RM731.1 million) and pig farming (RM316.5 million). These three industries accounted for 93.3 per cent of total value added. [Table B1]

Exhibit 4 : Value added by industry, 2015



\* Includes cattle/buffaloes milk, swittlet, sheep & goats and others.

Exhibit 5 : Value added by states, 2015



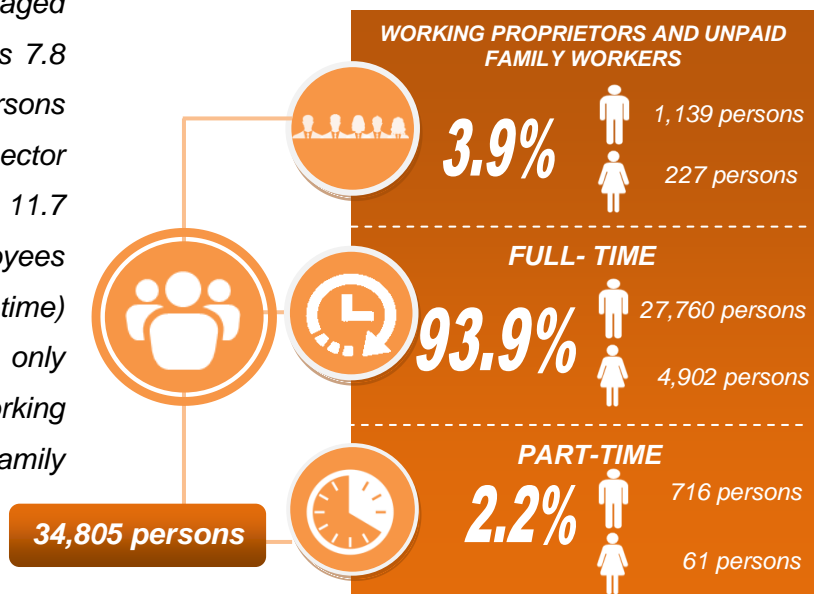
Value added by states showed Johor was the main contributor of RM893.1 million (26.2%), followed by Pulau Pinang (RM884.9 million) and Perak (RM440.1 million). [Table B2]

**SUMMARY OF FINDINGS**

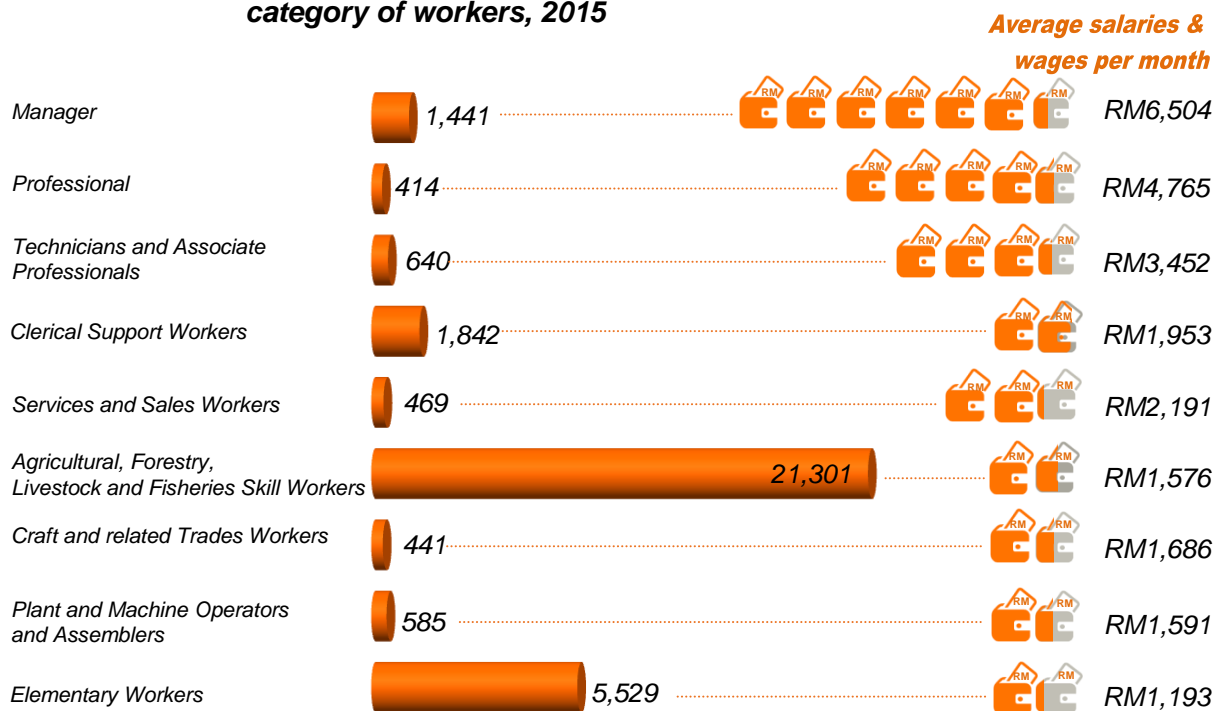
**5. NUMBER OF PERSONS ENGAGED AND SALARIES & WAGES**

**Exhibit 6 : Number of persons engaged by category of workers and sex, 2015**

Number of persons engaged of livestock sub-sector was 7.8 per cent of the total persons engaged in agriculture sector with an annual growth 11.7 per cent. Paid employees (full-time and part-time) were 33,439 persons and only 1,366 persons were working proprietors and unpaid family workers. [Table B8]



**Exhibit 7: Number of full-time employees and salaries & wages per month by category of workers, 2015**



■ Number of full-time employees    Average salaries & wages    = RM1,000

Total full-time employee salaries & wages paid recorded at RM720.3 million. Category of Agricultural, Forestry, Livestock & Fisheries Skills Worker recorded the highest salaries & wages of RM402.9 million (55.9%) compared to the other category with an average salaries & wages of RM1,576 per month. [Table B8]



6. WOMEN-OWNED ESTABLISHMENTS

Women-owned establishments recorded in 2015 were 148 establishments with an annual growth of 17.5 per cent. Gross output contribution of women-owned establishments was 4.3 per cent (RM567.0 million) from the total gross output of livestock sub-sector with value added of RM174.8 million. Johor had the highest number of women-owned establishments of 38 establishments (25.7%), followed by Selangor and Perak 33 and 15 establishments respectively. [Table B13]

Exhibit 8 : Women-owned establishments by states, 2015

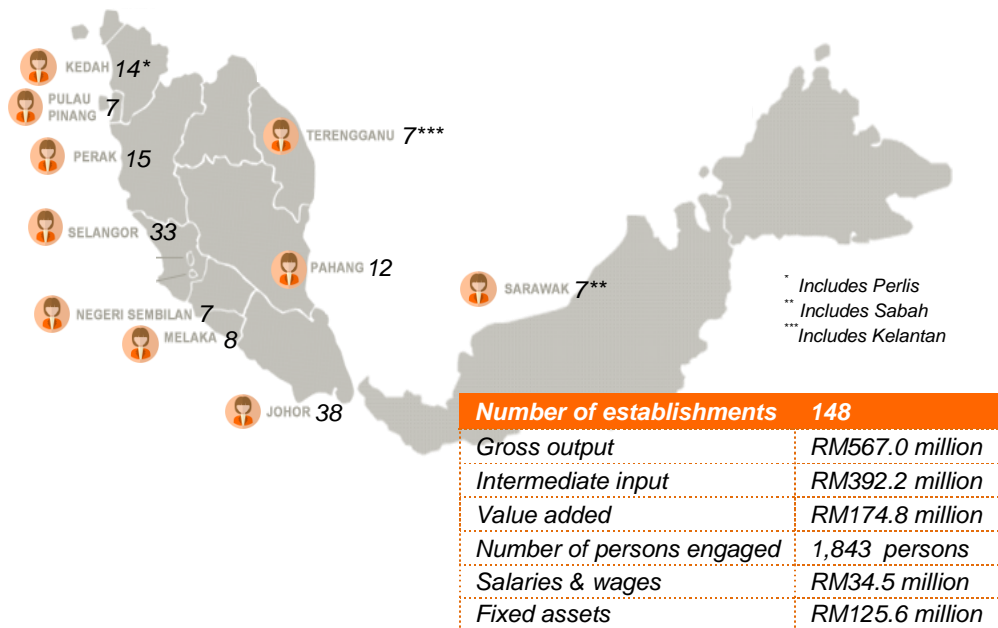
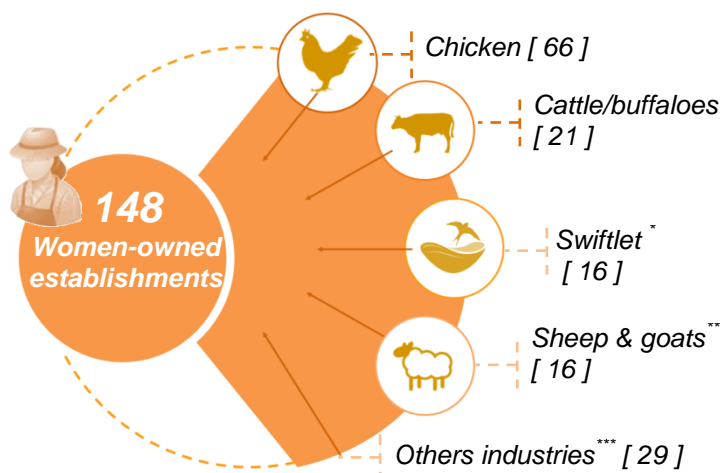


Exhibit 9 : Women-owned establishment by industry, 2015



The highest women-owned establishments recorded by chicken farming industry 66 establishments, followed by the cattle/buffaloes farming 21 establishments.

[Table B12]

\* Includes production of honey & beeswax and pet animals.

\*\* Includes production goat's milk.

\*\*\* Includes pig, cattle/buffaloes milk and others.

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**NOTA TEKNIKAL**  
*TECHNICAL NOTES*



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- 1. 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 (MOA) atau agensi-agensi kerajaan yang lain bagi maksud menerima bantuan **TIDAK** diliputi.

Keseluruhan liputan banci bagi sektor pertanian terdiri daripada 140 industri di peringkat 5-digit. Sebanyak 27 industri diliputi dalam subsektor ternakan. Industri ini dikelaskan mengikut Piawaian Klasifikasi Industri Malaysia (MSIC), 2008. Senarai lengkap industri yang diliputi ditunjukkan di **Lampiran (muka surat 131)**.

- 2. Sumber rangka** Sumber maklumat utama rangka pertubuhan diperoleh daripada SSM, PBT, ROS dan SKM. Maklumat rangka banci juga dikemaskini daripada sumber lain seperti jabatan/agensi di bawah MOA, pelbagai persatuan perniagaan dan perdagangan, media cetak serta media elektronik. Rangka dikemaskini setiap tahun dengan mengambil kira pertubuhan baru dan merekod sebarang perubahan dalam status pertubuhan seperti tutup, tidak beroperasi, perubahan jenis aktiviti dan lokasi atau alamat pos.

- 3. Jenis aktiviti perniagaan** Jenis aktiviti perniagaan merujuk kepada aktiviti utama dan sekunder. Aktiviti utama merujuk kepada aktiviti yang mana pertubuhan menumpukan sebahagian besar sumbernya atau memberi sumbangan besar dari segi pendapatan. 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. selaras dengan selaras dengan Klasifikasi Standard Perindustrian Antarabangsa bagi Semua Aktiviti Ekonomi (ISIC), semakan keempat Pertubuhan Bangsa-Bangsa Bersatu.

**4. Konsep dan definisi** Konsep dan definisi yang diguna berasaskan kepada syor-syor *United Nation Statistical Division*<sup>1</sup> dan *Food and Agriculture Organization (FAO)*. Konsep berkenaan mengikut amalan yang sudah diterima pakai bagi memudahkan perbandingan data dibuat di peringkat antarabangsa.

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

**Ternakan** ialah binatang-binatang atau unggas yang dipelihara untuk tujuan komersial dan pembiakbakaan kecuali haiwan akuatik.

**Pengeluaran ternakan** termasuk penternakan (ladang) dan pembiakan semua haiwan serta pengeluaran daripada hasil ternakan seperti telur, susu, madu dan sebagainya.

**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.

**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.

<sup>1</sup> *International Recommendations for Industrial Statistics, United Nations Statistical Division, Statistical Papers, Series M No. 90, United Nations, New York, 2009.*

## 6. Unit melapor

Statistik yang dilaporkan dalam penerbitan ini berbeza dengan statistik awalan yang terdapat dalam penerbitan Banci Ekonomi 2016 Statistik Pertubuhan. Perbezaan ini disebabkan oleh perubahan industri dan pertukaran status operasi.

Unit melapor 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.**

**7. Nilai output kasar** Nilai output kasar subsektor ternakan ditakrifkan dengan memasukkan perkara berikut:

- + Stok hasil ternakan (tidak termasuk stok induk/baka)(akhir)
- + Barangan dalam proses dan stok barangan siap (pembuatan sendiri)(akhir)
- + Jualan daripada hasil ternakan - ternakan hidup
- + Jualan daripada hasil ternakan - hasil ternakan (contoh : telur, susu)
- + Pendapatan daripada kerja ternakan yang dibuat untuk pihak lain (contoh: ternakan kontrak, pawah)

## NOTA TEKNIKAL

- + Pendapatan daripada hasil ternakan yang diproses (contoh: nugget, burger)
- + Nilai jualan barangan/bahan/produk berkaitan dengan aktiviti ternakan, yang dibeli untuk dijual semula tanpa melalui proses selanjutnya (contoh: haiwan ternakan, makanan haiwan, mineral)
- + Pendapatan lain yang berkaitan dengan ternakan (contoh: baja daripada tinja, khidmat nasihat)
- + Pendapatan daripada aktiviti pertanian lain (tanaman/perhutanan & pembalakan/perikanan)
- + Royalti, hakcipta, pelesenan dan yuran francais
- + Pendapatan daripada sewa
- + Pendapatan daripada agro pelancongan
- + Nilai jualan barangan/bahan bukan pertanian yang dibeli untuk dijual semula tanpa melalui proses selanjutnya
- + Semua pendapatan lain: Output
- + Perbelanjaan penyelidikan dan pembangunan: **Dalaman** (Perbelanjaan penyelidikan dan pembangunan x (Perbelanjaan penyelidikan dan pembangunan: **Dalaman/100**))
- Pendapatan daripada sewa: Tanah
- Stok hasil ternakan (tidak termasuk stok induk/baka)(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 (contoh: lembu, ayam)
- Kos barangan/bahan yang dijual (barangan/bahan bukan pertanian yang dibeli untuk dijual semula tanpa melalui proses selanjutnya)

### 8. Nilai input perantaraan

Nilai input perantaraan subsektor ternakan ditakrifkan dengan memasukkan perkara berikut:

- + Kos bahan langsung yang digunakan dalam aktiviti ternakan
- + Jumlah bayaran ke atas kerja-kerja ternakan yang dibuat oleh pihak lain (subkontrak)



- + Kos anak ternakan bukan baka (contoh:anak ayam/anak itik)
- + Perbelanjaan untuk aktiviti pertanian lain (tanaman/perhutanan & pembalakan/perikanan)
- + Bahan dan bekas pembungkus yang digunakan (tidak termasuk kos bahan langsung di Soalan 17)
- + Bahan yang digunakan bagi pembaikan dan penyelenggaraan
- + Alat tulis dan bekalan pejabat yang digunakan
- + Air yang dibeli
- + Tenaga eletrik yang dibeli
- + Bahan pembakar, pelincir dan gas
- + Bayaran pembaikan dan penyelenggaraan semasa yang dibuat oleh pihak lain bagi harta tetap pertubuhan ini
- + Pengangkutan barangan (pengangkutan keluar)
- + Perbelanjaan perjalanan (termasuk perjalanan dalam dan luar negara, bil petrol/diesel dan bayaran letak kereta sendiri)
- + Bayaran perakaunan, kesetiausahaan dan audit
- + Perbelanjaan pengiklanan dan promosi
- + Bayaran guaman
- + Bayaran perkhidmatan profesional lain (contoh : bayaran perundingan arkitek, kejuruteraan, juruukur dsb.)
- + Bayaran pengurusan
- + Komisen dan bayaran agensi
- + Bayaran telekomunikasi (contoh. telefon, internet dsb.)
- + Bayaran pos (termasuk perkhidmatan kurier)
- + Caj bank
- + Premium insurans dibayar ke atas bangunan, jentera, alat pengangkutan dan barangan
- + Bayaran bagi perkhidmatan keselamatan
- + Bayaran pemprosesan data dan lain-lain perkhidmatan yang berkaitan dengan teknologi maklumat
- + Bayaran sewa (tidak termasuk bagi sewa untuk penggunaan tanah)
- + Perbelanjaan ke atas agro pelancongan
- + Bayaran royalti: Organisasi bukan kerajaan/tajaan korporat

- + Cukai Barang dan Perkhidmatan pada pembelian bersih yang tidak boleh dituntut sebagai cukai input
- + Bayaran kepada pengarah tidak bekerja kerana kehadiran mereka dalam mesyuarat Lembaga Pengarah
- + Perbelanjaan lain: Input

**9. Nilai ditambah** Nilai ditambah diperoleh daripada perbezaan antara nilai output kasar dengan input perantaraan.

**10. Bilangan 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 pertiga 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 Mahir Pertanian, Perhutanan, Penternakan dan Perikanan****a. Diambil secara langsung**

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.

**b. Diambil 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.

**11. Kategori kemahiran**

Kategori kemahiran telah dikelaskan berdasarkan Piawaian Pengkelasan Pekerjaan Malaysia (MASCO) 2013 adalah seperti berikut:

**i. Pekerja mahir**

Pengurus, Profesional dan Juruteknik dan Profesional Bersekutu;

ii. **Pekerja separuh mahir**

Pekerja Sokongan Perkeranian; Pekerja Perkhidmatan dan Jualan; Pekerja Mahir Pertanian, Perhutanan, Penternakan dan Perikanan; Pekerja Kemahiran dan Pekerja Pertukangan yang Berkaitan; Operator Mesin dan Loji dan Pemasang; dan

iii. **Pekerja kurang mahir**

Pekerja Asas

**12. 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 2015 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.

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

**14. Pembundaran**

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

**15. Kadar pertumbuhan tahunan dikompaun**

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

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

Di mana  $r$ ,

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

Dimana,

$Y_t$	=	Nilai pada tahun semasa
$Y_o$	=	Nilai pada tahun sebelum
$t$	=	Bilangan tahun, $Y_t - Y_o$
$r$	=	Kadar pertumbuhan tahunan

**16. Simbol dan singkatan**

Simbol dan singkatan berikut digunakan dalam penerbitan ini:

>	lebih daripada
<	kurang daripada
0.0	kurang dari 0.05
-	tiada
n.a.	tidak berkaitan
}	digabung
CAGR	Kadar pertumbuhan tahunan dikompaun
t.t.t.l.	tidak terkelas di tempat lain
RM	Ringgit Malaysia
W.P.	Wilayah Persekutuan

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**1. Scope and coverage**

*Covers all establishments engaged in agriculture sector that registered with the 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 who are registered with the Ministry of Agriculture and Agro-Based Industry (MOA) and other government agencies for the purpose of receiving aid were **NOT** covered.*

*Overall coverage of the census for agriculture sector consists of 140 industries at 5-digit level. A total of 27 industries covered in the livestock sub-sector. These industries are classified according to the Malaysia Standard Industrial Classification (MSIC), 2008. The complete list of industries covered is shown in the **Appendix (page 131)**.*

**2. Source of frame**

*The main source of information for the establishment frame is obtained from CCM, PBT, ROS and SKM. Details of census frame also updated from other sources such as departments/agencies under MOA, various business and trade associations, print media as well as electronic media. The frame is updated annually by taking into account new establishments and to record any changes in the establishment status such as closed down, not in operation, change in types of activity and location or postal addresses.*

**3. Type of business activity**

*Type of business activity refers to principal and secondary activities. The principal activity refers to the activity to which the establishment devoted most of its resources or contributes significantly in terms of income. Secondary activities are defined as those incidental or ancillary to the principal activity. Industry classification of the establishment according to its principal based on the Malaysia Standard Industrial Classification (MSIC), 2008 Ver.1.0. conforms to the International Standard Industrial Classification of All Economic Activities (ISIC) Revision 4.*

**4. Concepts and definitions**

Concepts and definitions used are based on the recommendations of the United Nation Statistical Division<sup>1</sup> and Food and Agriculture Organization (FAO). These concepts adhere to accepted practices, thereby facilitating international comparability of data.

**5. Definition of agriculture**

Agriculture comprising the activities of growing, breeding and rearing of animals and production of animal products, felling of trees and other plants, as well as capture fishery and aquaculture includes the use/utilization of plants/vegetal and animals natural resources (based on MSIC 2008).

**Livestock** is animal or bird that preserved for commercial and breeding except aquatic animal.

**Livestock production** includes raising (farming) and breeding of all animal also production of livestock products such as eggs, milk, honey, etc.

**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: corral cleaning, vaccine, feed for mixed poultry, wage and others).

<sup>1</sup> International Recommendations for Industrial Statistics, United Nations Statistical Division, Statistical Papers, Series M No. 90, United Nations, New York, 2009



**6. Reporting unit**

The statistics reported in this publication are different from preliminary statistics in the publication of Economic Census 2016 Statistical Establishment. This difference is due to changes in the industry and operational status exchange.

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, if 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.**

**7. Value of gross output**

The value of gross output of livestock sub-sector is defined to include the following:

- + Stocks of livestock products (closing)
- + Goods in progress and stocks of finished goods (owned manufactured) (closing)
- + Sales of live animal
- + Sales of livestock products (example : eggs, milk)
- + 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*
- + *Royalties, copyrights, licensing and franchise fees*
- + *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*
- + *Research and development expenditure: **In House***  
*(Research and development expenditure x (Research and development expenditure: **In House** /100))*
- *Rental income received- Land*
- *Stock of livestock products (excludes breeding stock)(opening)*
- *Goods purchased for resale (stocks on livestock and non-livestock products)(opening)*
- *Cost of goods / materials / products related to livestock activity, purchased for resale without under going further processing (example: cattle, chicken)*
- *Cost of goods/materials sold (non-agricultural goods/ materials that is purchased for resale without further processing)*

**8. Value of Intermediate input**

*The value of intermediate input of livestock sub-sector is defined to include the following:*

- + *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*
- + *Payments for current repairs and maintenance work done by others on this establishment's fixed assets*
- + *Transportation of goods ( carriage outwards)*

- + *Travelling expenses (includes both local and overseas travelling, petrols/ diesel bills and parking fees own vehicle))*
- + *Accounting, secretarial and auditing fees*
- + *Advertising and promotional expenses*
- + *Legal fees*
- + *Payment for other professional services ( example: architectural, engineering, surveying consultancy fees, etc.)*
- + *Management fees*
- + *Commissions and agency fees*
- + *Telecommunication fees (example: telephone, internets etc.)*
- + *Postage (include courier services)*
- + *Bank charges*
- + *Insurance premium on building, machinery, transport equipment and goods*
- + *Payment for security services*
- + *Payment for data processing and other services related to information technology*
- + *Rental payment (excludes for rent on land)*
- + *Expenses on agro tourism*
- + *Royalties paid to: Non-government organisations / corporate sponsorship*
- + *GST on net purchasers are not claimable as input tax*
- + *Fees paid to non-working directors for their attendance at Board of Directors' meetings*
- + *Other expenses: Input*

**9. Value added**

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

**10. 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 was classified under 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 to include all paid workers who work for less than six hours a day and/or less than 20 days a month.*

**v. Agricultural, Forestry, Livestock and Fisheries Skills Workers**

**a. Direct employed**

*This is defined as full-time agriculture 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.*

**b. Employed through labour contractors**

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

**vi. Workers under subcontractors**

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

**11. Category of skilled**

*Category of skilled has also been categorized according to Malaysia Standard Classification of Occupations 2013 (MASCO) as follow:*

**i. High-skilled**

*Manager, Professionals and Technician and Associate Professionals;*

**ii. Semi-skilled**

*Clerical Support Workers; Services and Sales Workers; Agricultural, Forestry, Livestock and Fisheries Skills Workers; Craft and related Trades Workers; Plant and Machine Operators and Assemblers; and*

**iii. Low-skilled**

*Elementary Workers.*

**12. 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 2015 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.*

**13. Agricultural assets**

**Agricultural assets** refers to all 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.

**Biological assets** refer to breeders that produce products repeat and have a life expectancy of more than one year.

**14. Rounding**

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

**15. Compound annual growth rate**

The calculation of compound 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

**15. Symbols and abbreviations**

*The following symbols and abbreviations have been used throughout the publication:*

<i>&gt;</i>	<i>more than</i>
<i>&lt;</i>	<i>less than</i>
<i>0.0</i>	<i>less than 0.05</i>
<i>-</i>	<i>nil</i>
<i>n.a.</i>	<i>not applicable</i>
<i>}</i>	<i>combine</i>
<i>CAGR</i>	<i>Compound annual growth rate</i>
<i>n.e.c.</i>	<i>not elsewhere classified</i>
<i>RM</i>	<i>Ringgit Malaysia</i>
<i>W.P.</i>	<i>Wilayah Persekutuan</i>

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**JADUAL PERTANIAN**

*TABLES ON AGRICULTURE*



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Jadual A1: Perangkaan utama sektor pertanian, 2005, 2008, 2010 dan 2015

Table A1: Principal statistics of agriculture sector, 2005, 2008, 2010 and 2015

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 &amp; 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)
<b>Jumlah</b> <i>Total</i>	2015	11,628	73,853,582	32,380,202	41,473,380	444,531	7,904,294	80,947,185
	2010	8,829	53,452,092	22,376,145	31,075,947	390,708	4,890,008	40,088,252
	2008 <sup>1</sup>	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
<b>Tanaman</b> <i>Crops</i>	2015	8,029	50,763,314	16,453,791	34,309,524	368,002	6,125,776	72,829,926
	2010	6,348	37,275,560	11,560,350	25,715,209	335,096	3,857,295	35,149,424
	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
<b>Ternakan</b> <i>Livestock</i>	2015	1,604	13,312,065	9,901,812	3,410,253	34,805	726,237	3,799,352
	2010	1,089	6,591,458	5,051,695	1,539,763	20,056	315,091	1,859,689
	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
<b>Perhutanan &amp; pembersihan</b> <i>Forestry &amp; logging</i>	2015	766	7,552,190	4,546,162	3,006,028	26,034	737,302	3,127,255
	2010	537	8,110,965	4,750,166	3,360,798	24,048	553,752	2,173,640
	2008 <sup>1</sup>	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
<b>Perikanan</b> <i>Fisheries</i>	2015	1,229	2,226,012	1,478,437	747,575	15,690	314,979	1,190,651
	2010	855	1,474,109	1,013,933	460,176	11,508	163,869	905,499
	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: <sup>1</sup> Subsektor perhutanan & pembersihan tidak diliputi dalam Banci Pertubuhan Pertanian Tahunan, 2009

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

Jadual A2: Perangkaan utama sektor pertanian mengikut kumpulan, 2015

Table A2: Principal statistics of agriculture sector by group, 2015

Keterangan kumpulan Group description	Kod kumpulan Group code	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)
<b>Jumlah</b> Total		<b>11,628</b>	<b>73,853,582</b>	<b>32,380,202</b>	<b>41,473,380</b>	<b>444,531</b>	<b>7,904,294</b>	<b>80,947,185</b>
<b>Tanaman</b> Crops		<b>8,029</b>	<b>50,763,314</b>	<b>16,453,791</b>	<b>34,309,524</b>	<b>368,002</b>	<b>6,125,776</b>	<b>72,829,926</b>
<b>Penanaman tanaman tidak kekal</b> <i>Growing of non-perennial crops</i>	011	1,138	1,168,800	667,514	501,286	14,959	222,357	3,514,212
<b>Penanaman tanaman kekal</b> <i>Growing of perennial crops</i>	012	6,149	48,665,880	15,302,057	33,363,823	340,207	5,689,820	67,333,498
<b>Pembiakan tumbuhan</b> <i>Plant propagation</i>	013	279	338,742	157,396	181,346	3,163	53,700	504,615
<b>Pertanian campuran</b> <i>Mixed farming</i>	015	7	3,614	1,859	1,756	67	1,089	10,828
<b>Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian<sup>1</sup></b> <i>Support activities to agriculture and post-harvest crops activities</i>	016	456	586,278	324,965	261,313	9,606	158,810	1,466,774
<b>Ternakan</b> Livestock		<b>1,604</b>	<b>13,312,065</b>	<b>9,901,812</b>	<b>3,410,253</b>	<b>34,805</b>	<b>726,237</b>	<b>3,799,352</b>
<b>Pengeluaran ternakan</b> <i>Animal production</i>	014	1,600	13,311,272	9,901,601	3,409,670	34,790	725,985	3,798,339
<b>Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak<sup>2</sup></b> <i>Support activities for animal production on a fee of contract basis</i>	016	4	793	211	582	15	253	1,013

Nota: <sup>1</sup> Merujuk kepada kod industri 01610

Notes: Refers to industry code 01610

<sup>2</sup> Merujuk kepada kod industri 01620

Refers to industry code 01620

Jadual A2: Perangkaan utama sektor pertanian mengikut kumpulan, 2015 (samb.)

Table A2: Principal statistics of agriculture sector by group, 2015 (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 &amp; 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)
<b>Perhutanan &amp; pembalakan</b> <i>Forestry &amp; logging</i>		<b>766</b>	<b>7,552,190</b>	<b>4,546,162</b>	<b>3,006,028</b>	<b>26,034</b>	<b>737,302</b>	<b>3,127,255</b>
<b>Silvikultur dan aktiviti perhutanan lain</b> <i>Silviculture and other forestry activities</i>	021	22	369,704	125,663	244,041	547	10,093	168,678
<b>Pembalakan</b> <i>Logging</i>	022	460	5,744,630	3,415,176	2,329,454	16,226	479,379	2,616,499
<b>Pengumpulan produk hutan bukan kayu</b> <i>Gathering of non-wood forest products</i>	023	3	699	282	418	10	250	1,186
<b>Perkhidmatan sokongan perhutanan</b> <i>Support service to forestry</i>	024	281	1,437,157	1,005,041	432,116	9,251	247,581	340,892
<b>Perikanan</b> <i>Fisheries</i>		<b>1,229</b>	<b>2,226,012</b>	<b>1,478,437</b>	<b>747,575</b>	<b>15,690</b>	<b>314,979</b>	<b>1,190,651</b>
<b>Perikanan</b> <i>Fisheries</i>	031	417	759,419	472,924	286,494	5,896	116,070	249,756
<b>Akuakultur</b> <i>Aquaculture</i>	032	812	1,466,593	1,005,513	461,081	9,794	198,909	940,895

Jadual A3: Perangkaan utama sektor pertanian mengikut negeri, 2015

Table A3: Principal statistics of agriculture sector by states, 2015

Negeri States	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantara 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)
<b>Jumlah Total</b>	<b>11,628</b>	<b>73,853,582</b>	<b>32,380,202</b>	<b>41,473,380</b>	<b>444,531</b>	<b>7,904,294</b>	<b>80,947,185</b>
<b>Johor</b>	1,993	11,110,810	4,320,286	6,790,524	57,000	1,070,268	13,965,652
<b>Kedah</b>	661	1,358,419	790,491	567,927	11,477	191,557	1,483,982
<b>Kelantan</b>	388	1,123,970	567,978	555,991	11,063	188,134	1,040,007
<b>Melaka</b>	491	3,054,748	1,947,676	1,107,073	11,771	195,619	1,638,585
<b>Negeri Sembilan</b>	589	2,181,750	1,112,914	1,068,836	15,237	277,548	3,440,595
<b>Pahang</b>	1,178	9,780,008	3,175,155	6,604,853	41,806	748,470	7,545,706
<b>Perak</b>	1,564	8,651,497	3,305,889	5,345,608	36,637	697,706	5,853,908
<b>Perlis</b>	63	96,434	23,785	72,649	326	3,112	14,728
<b>Pulau Pinang</b>	486	2,305,794	1,242,348	1,063,446	4,998	91,551	828,666
<b>Sabah</b>	1,941	14,731,448	5,212,446	9,519,001	136,356	2,186,952	21,435,666
<b>Sarawak</b>	1,204	14,238,622	8,064,733	6,173,889	80,886	1,552,753	14,565,077
<b>Selangor</b>	808	3,988,497	1,969,413	2,019,084	24,927	475,180	6,674,347
<b>Terengganu</b>	249	1,220,216	641,119	579,096	11,767	221,041	2,454,037
<b>W.P. Kuala Lumpur</b>	7	4,716	3,193	1,522	203	3,398	4,852
<b>W.P. Labuan</b>	6	6,655	2,776	3,880	77	1,005	1,377
<b>W.P. Putrajaya</b>	n.a	n.a	n.a	n.a	n.a	n.a	n.a

**Jadual A4: Perangkaan utama sektor pertanian mengikut taraf sah , 2015**

*Table A4: Principal statistics of agriculture sector by legal status, 2015*

<b>Taraf sah</b> <i>Legal status</i>	<b>Bilangan pertubuhan</b> <i>Number of establishments</i>	<b>Nilai output kasar</b> <i>Value of gross output</i>	<b>Nilai input perantaraan</b> <i>Value of intermediate input</i>	<b>Nilai ditambah</b> <i>Value added</i>	<b>Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir</b> <i>Total number of persons engaged during December or the last pay period</i>	<b>Gaji &amp; upah yang dibayar</b> <i>Salaries &amp; wages paid</i>	<b>Nilai harta tetap yang dimiliki pada akhir tahun</b> <i>Value of fixed assets owned as at the end of the year</i>
		<b>(RM '000)</b>	<b>(RM '000)</b>	<b>(RM '000)</b>		<b>(RM '000)</b>	<b>(RM '000)</b>
<b>Jumlah</b> <i>Total</i>	<b>11,628</b>	<b>73,853,582</b>	<b>8,170,202</b>	<b>41,473,380</b>	<b>445,251</b>	<b>7,904,294</b>	<b>80,947,185</b>
<b>Hak milik perseorangan</b> <i>Individual proprietorship</i>	2,828	1,713,792	884,146	829,646	19,253	259,222	3,169,750
<b>Perkongsian</b> <i>Partnership</i>	1,404	1,811,918	1,030,163	781,755	17,312	267,661	1,628,183
<b>Perkongsian liabiliti terhad</b> <i>Limited liabilities partnership</i>	4	2,694	2,009	685	23	376	413
<b>Syarikat sendirian berhad</b> <i>Private limited company</i>	6,758	60,318,720	2,696,664	33,412,056	345,918	6,327,297	63,115,466
<b>Syarikat awam berhad</b> <i>Public limited company</i>	394	9,090,346	3,201,996	5,888,351	57,432	954,924	11,854,563
<b>Syarikat koperasi</b> <i>Co-operative</i>	164	600,285	212,150	388,135	2,970	52,981	672,899
<b>Perbadanan awam</b> <i>Public corporation</i>	76	315,826	143,075	172,751	2,343	41,834	505,911

Jadual A5: Perangkaan utama sektor pertanian mengikut hak milik, 2015

Table A5: Principal statistics of agriculture sector by ownership, 2015

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 &amp; 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)
<b>Jumlah</b> <i>Total</i>	11,628	73,853,582	32,380,202	41,473,380	444,531	7,904,294	80,947,185
<b>Residen Malaysia</b> <i>Malaysian residents</i>	11,552	72,964,872	31,843,113	41,121,759	438,647	7,782,309	80,088,973
<b>Bukan residen Malaysia</b> <i>Non-Malaysian residents</i>	72	774,210	505,666	268,544	5,211	108,431	718,036
<b>Hak milik bersama</b> <i>Joint Ownership</i>	4	114,500	31,423	83,076	673	13,554	140,177



**Jadual A6: Perangkaan utama sektor pertanian mengikut saiz pekerja, 2015**

*Table A6: Principal statistics of agriculture sector by employment size, 2015*

Saiz pekerja <i>Employment size</i>		Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate output</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of person engaged during December or last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; 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)
<b>Jumlah</b> <i>Total</i>		<b>11,628</b>	<b>73,853,582</b>	<b>32,380,202</b>	<b>41,473,380</b>	<b>444,531</b>	<b>7,904,294</b>	<b>80,947,185</b>
<b>Kurang daripada</b> <i>Below</i>								
	<b>5</b>	3,731	2,945,063	1,282,168	1,662,895	10,385	123,377	2,858,699
<b>5</b>	- <b>29</b>	5,028	13,726,894	6,593,961	7,132,933	61,622	1,124,013	17,099,463
<b>30</b>	- <b>75</b>	1,471	13,076,400	5,682,918	7,393,482	60,640	1,158,551	12,815,219
<b>76</b>	<b>dan lebih</b> <i>and above</i>	1,398	44,105,225	18,821,154	25,284,070	311,884	5,498,352	48,173,804

Jadual A7: Perangkaan utama sektor pertanian mengikut saiz output, 2015

Table A7: Principal statistics of agriculture sector by output size, 2015

Saiz output Output size	Bilangan pertubuhan Number of establishment	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate output	Nilai ditambah Value added	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir Total number of person engaged during December or 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)	(RM '000)		
<b>Jumlah</b> Total	<b>11,628</b>	<b>73,853,582</b>	<b>32,380,202</b>	<b>41,473,380</b>	<b>444,531</b>	<b>7,904,294</b>	<b>80,947,185</b>		
<b>Kurang daripada</b> Below	<b>300</b>	3,877	448,002	267,244	180,759	15,223	175,695	2,836,563	
<b>300</b>	-	<b>&lt;3,000</b>	4,716	5,086,320	2,732,224	2,354,096	70,275	1,184,828	13,101,932
<b>3,000</b>	-	<b>&lt;20,000</b>	2,269	18,729,400	9,526,979	9,202,421	175,087	3,110,045	30,806,570
<b>20,000</b>		<b>dan lebih</b> and above	766	49,589,860	19,853,756	29,736,104	183,946	3,433,727	34,202,120

**Jadual A8: Perangkaan utama sektor pertanian mengikut saiz harta tetap, 2015**

*Table A8: Principal statistics of agriculture sector by size of fixed assets, 2015*

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 &amp; 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)
<b>Jumlah</b> <i>Total</i>		<b>11,628</b>	<b>73,853,582</b>	<b>32,380,202</b>	<b>41,473,380</b>	<b>444,531</b>	<b>7,904,294</b>	<b>80,947,185</b>
<b>Kurang daripada</b> <i>Below</i>								
	<b>50</b>	2,506	3,097,499	1,688,739	1,408,760	24,074	394,897	37,986
<b>50</b>	- < <b>100</b>	975	1,199,847	678,955	520,892	10,671	174,714	70,153
<b>100</b>	- < <b>200</b>	1,095	3,588,701	855,602	2,733,099	14,023	236,366	159,595
<b>200</b>	- < <b>500</b>	1,646	3,868,972	1,748,777	2,120,195	31,263	548,133	534,124
<b>500</b>	- < <b>1,000</b>	1,181	4,295,795	1,894,717	2,401,079	26,225	463,356	848,193
<b>1,000</b>	- < <b>5,000</b>	2,235	12,205,992	6,035,780	6,170,212	90,704	1,616,786	5,263,433
<b>5,000</b>	- < <b>10,000</b>	698	6,843,177	3,606,028	3,237,149	49,789	933,454	4,949,711
<b>10,000</b>	- < <b>50,000</b>	925	22,512,551	7,923,007	14,589,543	106,351	1,901,140	20,733,453
<b>50,000</b>	- < <b>100,000</b>	208	6,067,320	3,623,798	2,443,523	37,773	643,381	14,345,888
<b>100,000</b>	- < <b>200,000</b>	110	5,536,922	2,650,299	2,886,623	30,479	578,300	15,306,775
<b>200,000</b>	<b>dan lebih</b> <i>and above</i>	49	4,636,807	1,674,502	2,962,304	23,179	413,766	18,697,875

**Jadual A9: Bilangan pekerja dan gaji & upah sektor pertanian mengikut kategori pekerja, 2015**  
 Table A9: Number of persons engaged and salaries & wages of agriculture sector by category of workers, 2015

Kategori pekerja <i>Category of workers</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <i>Total number of persons engaged during December or the last pay period</i>			Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
<b>Jumlah</b> <i>Total</i>	<b>444,531</b>	<b>367,132</b>	<b>77,399</b>	<b>7,904,294</b>
<b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b> <i>Working proprietors and unpaid family workers</i>	<b>6,328</b>	<b>5,122</b>	<b>1,206</b>	<b>n.a</b>
<b>Pemilik yang bekerja dan rakan niaga yang aktif</b> <i>Working proprietors and active business partners</i>	5,018	4,236	782	n.a
<b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b> <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	1,310	886	424	n.a
<b>Jumlah pekerja bergaji (sepenuh masa)</b> <i>Total paid employees (full-time)</i>	<b>426,943</b>	<b>352,346</b>	<b>74,597</b>	<b>7,830,053</b>
<b>Pengurus</b> <i>Managers</i>	14,018	12,378	1,640	719,857
<b>Profesional</b> <i>Professionals</i>	<b>5,139</b>	<b>4,113</b>	<b>1,026</b>	<b>239,549</b>
<b>Profesional</b> <i>Professionals</i>	4,778	3,814	964	226,024
<b>Penyelidik</b> <i>Researcher</i>	361	299	62	13,525
<b>Juruteknik dan Profesional bersekutu</b> <i>Technicians and Associate Professionals</i>	9,658	8,996	662	296,042

**Jadual A9: Bilangan pekerja dan gaji & upah sektor pertanian mengikut kategori pekerja, 2015 (samb.)**  
*Table A9: Number of persons engaged and salaries & wages of agriculture sector by category of workers, 2015 (cont'd)*

Kategori pekerja <i>Category of workers</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <i>Total number of persons engaged during December or the last pay period</i>			Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
<b>Pekerja Sokongan Perkeranian</b> <i>Clerical Support Workers</i>	21,459	7,119	14,340	470,003
<b>Pekerja Perkhidmatan dan Jualan</b> <i>Services and Sales Worker</i>	2,336	1,779	557	53,045
<b>Pekerja Mahir Pertanian, Perhutanan, Penternakan dan Perikanan</b> <i>Agricultural, Forestry, Livestock and Fisheries Skills Worker</i>	<b>330,155</b>	<b>279,816</b>	<b>50,339</b>	<b>5,386,054</b>
<b>Diambil secara langsung</b> <i>Directly employed</i>	283,084	238,161	44,923	4,621,235
<b>Diambil melalui kontraktor buruh</b> <i>Employed through labour contractors</i>	47,071	41,655	5,416	764,819
<b>Pekerja Kemahiran dan Pekerja Pertukangan yang berkaitan</b> <i>Craft and related Trades Workers</i>	6,664	6,256	408	111,578
<b>Operator Mesin dan Loji, dan Pemasang</b> <i>Plant and Machine Operators and Assemblers</i>	9,629	8,927	702	184,290
<b>Pekerja Asas</b> <i>Elementary Workers</i>	27,885	22,962	4,923	369,635
<b>Jumlah pekerja bergaji (sambilan)</b> <i>Total paid employees (part-time)</i>	<b>11,260</b>	<b>9,664</b>	<b>1,596</b>	<b>74,241</b>

**Jadual A10: Bilangan pekerja sektor pertanian mengikut kumpulan, 2015**  
*Table A10: Number of persons engaged of agriculture sector by group, 2015*

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>				Pekerja di bawah subkontraktor <i>Workers under subcontractors</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>	
<b>Jumlah</b> <i>Total</i>		<b>11,628</b>	<b>444,531</b>	<b>6,328</b>	<b>426,943</b>	<b>11,260</b>	<b>101,521</b>
<b>Tanaman</b> <i>Crops</i>		<b>8,029</b>	<b>368,002</b>	<b>3,577</b>	<b>355,041</b>	<b>9,384</b>	<b>90,022</b>
<b>Penanaman tanaman tidak kekal</b> <i>Growing of non-perennial crops</i>	011	1,138	14,959	1,338	12,614	1,007	1,263
<b>Penanaman tanaman kekal</b> <i>Growing of perennial crops</i>	012	6,149	340,207	1,722	330,517	7,968	76,331
<b>Pembiakan tumbuhan</b> <i>Plant propagation</i>	013	279	3,163	200	2,824	139	8,515
<b>Pertanian campuran</b> <i>Mixed farming</i>	015	7	67	4	62	1	15
<b>Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian<sup>1</sup></b> <i>Support activities to agriculture and post-harvest crops activities</i>	016	456	9,606	313	9,024	269	3,898
<b>Ternakan</b> <i>Livestock</i>		<b>1,604</b>	<b>34,805</b>	<b>1,366</b>	<b>32,662</b>	<b>777</b>	<b>3,202</b>
<b>Pengeluaran ternakan</b> <i>Animal production</i>	014	1,600	34,790	1,365	32,648	777	3,202
<b>Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak<sup>2</sup></b> <i>Support activities for animal production on a fee of contract basis</i>	016	4	15	1	14	-	-

Nota: <sup>1</sup> Merujuk kepada kod industri 01610

Notes: Refers to industry code 01610

<sup>2</sup> Merujuk kepada kod industri 01620

Refers to industry code 01620

Jadual A10: Bilangan pekerja sektor pertanian mengikut kumpulan, 2015 (samb.)

Table A10: Number of persons engaged of agriculture sector by group, 2015 (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>				Pekerja di bawah subkontraktor <i>Workers under subcontractors</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>	
<b>Perhutanan &amp; pembalakan</b> <i>Forestry &amp; logging</i>		<b>766</b>	<b>26,034</b>	<b>394</b>	<b>25,106</b>	<b>534</b>	<b>7,029</b>
<b>Silvikultur dan aktiviti perhutanan lain</b> <i>Silviculture and other forestry activities</i>	021	22	547	17	503	27	28
<b>Pembalakan</b> <i>Logging</i>	022	460	16,226	269	15,673	284	5,416
<b>Pengumpulan produk hutan bukan kayu</b> <i>Gathering of non-wood forest products</i>	023	3	10	-	9	1	-
<b>Perkhidmatan sokongan perhutanan</b> <i>Support service to forestry</i>	024	281	9,251	108	8,921	222	1,585
<b>Perikanan</b> <i>Fisheries</i>		<b>1,229</b>	<b>15,690</b>	<b>991</b>	<b>14,134</b>	<b>565</b>	<b>1,268</b>
<b>Perikanan</b> <i>Fisheries</i>	031	417	5,896	447	5,124	325	350
<b>Akuakultur</b> <i>Aquaculture</i>	032	812	9,794	544	9,010	240	918

Jadual A11: Bilangan pekerja sektor pertanian mengikut jantina dan kumpulan, 2015

Table A11: Number of persons engaged of agriculture sector by sex and group, 2015

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 &amp; 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)
<b>Jumlah</b> <i>Total</i>		<b>444,531</b>	<b>367,132</b>	<b>77,399</b>	<b>5,122</b>	<b>1,206</b>	<b>362,010</b>	<b>76,193</b>	<b>6,627,766</b>	<b>1,276,527</b>
<b>Tanaman</b> <i>Crops</i>		<b>368,002</b>	<b>300,792</b>	<b>67,210</b>	<b>2,804</b>	<b>773</b>	<b>297,988</b>	<b>66,437</b>	<b>5,082,611</b>	<b>1,043,165</b>
<b>Penanaman tanaman tidak kekal</b> <i>Growing of non-perennial crops</i>	011	14,959	12,656	2,303	1,031	307	11,625	1,996	187,353	35,004
<b>Penanaman tanaman kekal</b> <i>Growing of perennial crops</i>	012	340,207	276,894	63,313	1,356	366	275,538	62,947	4,707,304	982,515
<b>Pembiakan tumbuhan</b> <i>Plant propagation</i>	013	3,163	2,545	618	151	49	2,394	569	43,512	10,189
<b>Pertanian campuran</b> <i>Mixed farming</i>	015	67	58	9	3	1	55	8	970	120
<b>Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian<sup>1</sup></b> <i>Support activities to agriculture and post-harvest crops activities</i>	016	9,606 <sup>1</sup>	8,639	967	263	50	8,376	917	143,473	15,337
<b>Ternakan</b> <i>Livestock</i>		<b>34,805</b>	<b>29,615</b>	<b>5,190</b>	<b>1,139</b>	<b>227</b>	<b>28,476</b>	<b>4,963</b>	<b>612,413</b>	<b>113,824</b>
<b>Pengeluaran ternakan</b> <i>Animal production</i>	014	34,790	29,603	5,187	1,138	227	28,465	4,960	612,199	113,786
<b>Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak<sup>2</sup></b> <i>Support activities for animal production on a fee of contract basis</i>	016	15	12	3	1	-	11	3	214	39

Nota: <sup>1</sup> Merujuk kepada kod industri 01610

Notes: Refers to industry code 01610

<sup>2</sup> Merujuk kepada kod industri 01620

Refers to industry code 01620



Jadual A11: Bilangan pekerja sektor pertanian mengikut jantina dan kumpulan, 2015 (samb.)

Table A11: Number of persons engaged of agriculture sector by sex and group, 2015 (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 &amp; 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)
<b>Perhutanan &amp; pembalakan</b> <i>Forestry &amp; logging</i>		<b>26,034</b>	<b>22,725</b>	<b>3,309</b>	<b>336</b>	<b>58</b>	<b>22,389</b>	<b>3,251</b>	<b>650,087</b>	<b>87,215</b>
<b>Silvikultur dan aktiviti perhutanan lain</b> <i>Silviculture and other forestry activities</i>	021	547	457	90	12	5	445	85	8,315	1,777
<b>Pembalakan</b> <i>Logging</i>	022	16,226	13,980	2,246	240	29	13,740	2,217	417,568	61,811
<b>Pengumpulan produk hutan bukan kayu</b> <i>Gathering of non-wood forest products</i>	023	10	9	1	-	-	9	1	238	11
<b>Perkhidmatan sokongan perhutanan</b> <i>Support service to forestry</i>	024	9,251	8,279	972	84	24	8,195	948	223,966	23,615
<b>Perikanan</b> <i>Fisheries</i>		<b>15,690</b>	<b>14,000</b>	<b>1,690</b>	<b>843</b>	<b>148</b>	<b>13,157</b>	<b>1,542</b>	<b>282,655</b>	<b>32,324</b>
<b>Perikanan</b> <i>Fisheries</i>	031	5,896	5,355	541	394	53	4,961	488	106,800	9,270
<b>Akuakultur</b> <i>Aquaculture</i>	032	9,794	8,645	1,149	449	95	8,196	1,054	175,855	23,054

Jadual A12: Nilai harta tetap sektor pertanian mengikut jenis harta, 2015

Table A12: Value of fixed assets of agriculture sector by type of assets, 2015

Jenis harta <i>Type of assets</i>	Nilai buku bersih seperti pada 01.01.2015 <i>Net book value as at 01.01.2015</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 31.12.2015 <i>Net book value as at 31.12.2015</i>
	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
<b>Jumlah</b> <i>Total</i>	<b>81,615,793</b>	<b>3,708,133</b>	<b>1,041,581</b>	<b>675,583</b>	<b>4,010,744</b>	<b>80,947,185</b>
<b>Harta tetap</b> <i>Fixed assets</i>	<b>67,958,032</b>	<b>2,660,562</b>	<b>569,443</b>	<b>587,043</b>	<b>3,714,535</b>	<b>66,921,658</b>
<b>Tanah</b> <i>Land</i>	45,838,051	703,802	238,598	508,872	1,069,207	45,742,919
<b>Bangunan dan binaan lain</b> <i>Buildings and other construction</i>	<b>9,154,699</b>	<b>764,633</b>	<b>54,242</b>	<b>16,227</b>	<b>743,485</b>	<b>9,137,833</b>
<b>Tempat kediaman</b> <i>Residential</i>	3,035,013	253,044	9,543	1,538	277,719	3,002,333
<b>Bukan tempat kediaman</b> <i>Non-residential</i>	4,579,760	355,119	35,578	5,638	323,402	4,581,537
<b>Binaan lain kecuali pembangunan tanah</b> <i>Other construction except land improvement</i>	1,539,925	156,470	9,121	9,052	142,364	1,553,962
<b>Pembangunan tanah</b> <i>Land improvement</i>	2,951,072	166,473	44,439	7,076	159,239	2,920,942
<b>Alat pengangkutan</b> <i>Transport equipment</i>	<b>4,365,737</b>	<b>473,780</b>	<b>95,590</b>	<b>31,839</b>	<b>859,471</b>	<b>3,916,294</b>
<b>Kereta penumpang</b> <i>Passenger cars</i>	256,401	22,099	4,138	1,099	53,535	221,925
<b>Kenderaan perdagangan</b> <i>Commercial vehicles</i>	2,365,364	211,320	51,255	9,082	440,534	2,093,977
<b>Lain-lain</b> <i>Others</i>	1,743,971	240,361	40,196	21,658	365,402	1,600,391

Jadual A12: Nilai harta tetap sektor pertanian mengikut jenis harta, 2015 (samb.)

Table A12: Value of fixed assets of agriculture sector by type of assets, 2015 (cont'd)

Jenis harta <i>Type of assets</i>	Nilai buku bersih seperti pada 01.01.2015 <i>Net book value as at 01.01.2015</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 31.12.2015 <i>Net book value as at 31.12.2015</i>
	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
<b>Teknologi Maklumat dan Telekomunikasi</b> <i>Information and Communications Technology</i>	<b>308,855</b>	<b>16,352</b>	<b>1,338</b>	<b>8,096</b>	<b>51,812</b>	<b>280,154</b>
Perkakasan komputer <i>Computer hardware</i>	187,199	7,951	653	2,779	26,569	170,708
Perisian komputer <i>Computer software</i>	46,096	5,778	445	5,274	12,994	43,709
Peralatan telekomunikasi <i>Telecommunication equipment</i>	75,560	2,623	241	43	12,249	65,737
Jentera dan kelengkapan <i>Machinery and equipment</i>	4,765,794	453,643	125,564	12,980	729,056	4,377,798
Perabot dan pemasangan <i>Furniture and fittings</i>	573,824	81,880	9,673	1,952	102,265	545,719
<b>Harta lain</b> <i>Other assets</i>	<b>13,657,761</b>	<b>988,031</b>	<b>472,138</b>	<b>88,541</b>	<b>296,209</b>	<b>13,965,986</b>
Muhibah, paten <i>Goodwill, patent</i>	54,359	32,715	15,796	25	-	71,302
Kerja modal dalam pelaksanaan <i>Capital work in-progress</i>	617,429	288,488	363,258	-	-	542,658
Aset biologi <i>Biological assets</i>	10,567,919	427,163	77,050	83,116	127,132	10,874,016
Lain-lain <i>Others</i>	2,418,055	239,665	16,034	5,400	169,076	2,478,009
<b>Perbelanjaan Penyelidikan dan pembangunan</b> <i>Research and development expenditure</i>	<b>-</b>	<b>59,540</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>59,540</b>

Jadual A13: Perangkaan utama pertubuhan milikan wanita mengikut subsektor, 2010 dan 2015

Table A13: Principal statistics of women-owned establishments by sub-sector, 2010 and 2015

Keterangan subsektor <i>Sub-sector description</i>	Tahun Year	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 &amp; 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)
<b>Jumlah</b>	<b>2015</b>	<b>1,541</b>	<b>5,228,585</b>	<b>2,404,016</b>	<b>2,824,569</b>	<b>39,840</b>	<b>738,176</b>	<b>8,739,404</b>
<i>Total</i>	<b>2010</b>	<b>580</b>	<b>1,162,275</b>	<b>516,505</b>	<b>646,219</b>	<b>11,754</b>	<b>135,261</b>	<b>1,357,469</b>
<b>Tanaman</b>	2015	1,189	3,931,589	1,486,507	2,445,082	34,178	612,327	8,414,533
<i>Crops</i>	2010	440	818,389	275,083	543,306	9,771	107,021	1,111,882
<b>Ternakan</b>	2015	148	566,998	392,198	174,801	1,843	34,514	125,624
<i>Livestock</i>	2010	66	180,590	148,493	32,096	816	10,091	43,494
<b>Perhutanan &amp; pembalakan</b>	2015	72	498,547	345,363	153,185	2,572	67,360	114,567
<i>Forestry &amp; logging</i>	2010	18	121,222	62,134	59,088	606	12,079	12,096
<b>Perikanan</b>	2015	132	231,450	179,949	51,501	1,247	23,975	84,681
<i>Fisheries</i>	2010	56	42,524	30,795	11,729	561	6,070	189,997

Jadual A14: Perangkaan utama pertubuhan milikan wanita sektor pertanian mengikut negeri, 2015

Table A14: Principal statistics of women-owned establishments agriculture sector by states, 2015

Negeri States	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantara 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)
<b>Jumlah Total</b>	<b>1,541</b>	<b>5,228,585</b>	<b>2,404,016</b>	<b>2,824,569</b>	<b>39,840</b>	<b>738,176</b>	<b>8,739,404</b>
<b>Johor</b>	256	684,247	278,440	405,807	6,356	112,169	1,908,952
<b>Kedah</b>	106	162,635	69,426	93,209	980	16,111	125,419
<b>Kelantan</b>	36	55,288	28,251	27,038	790	16,237	63,702
<b>Melaka</b>	81	544,652	130,442	414,210	2,250	38,477	224,608
<b>Negeri Sembilan</b>	62	64,629	32,210	32,419	500	8,681	171,746
<b>Pahang</b>	161	414,275	265,048	149,227	2,883	49,767	975,055
<b>Perak</b>	169	335,179	143,071	192,107	2,752	51,735	493,189
<b>Perlis</b>	7	1,874	1,412	462	28	184	2,598
<b>Pulau Pinang</b>	59	226,636	124,276	102,360	659	10,785	115,789
<b>Sabah<sup>1</sup></b>	299	1,163,612	477,106	686,506	13,161	230,201	2,708,041
<b>Sarawak</b>	131	1,096,089	616,169	479,920	7,398	166,230	968,633
<b>Selangor<sup>2</sup></b>	143	457,087	225,200	231,888	1,938	35,732	902,320
<b>Terengganu</b>	31	22,382	12,965	9,416	145	1,868	79,351
<b>W.P. Kuala Lumpur</b>	-	-	-	-	-	-	-
<b>W.P. Labuan</b>	-	-	-	-	-	-	-
<b>W.P. Putrajaya</b>	n.a	n.a	n.a	n.a	n.a	n.a	n.a

Nota/Notes: <sup>1</sup> Termasuk W.P. Labuan/ Includes W.P. Labuan

<sup>2</sup> Termasuk W.P. Kuala Lumpur/ Includes W.P. Kuala Lumpur

**Jadual A15: Bilangan pekerja sektor pertanian mengikut negeri, 2015**  
 Table A15: Number of persons engaged of agriculture sector by states, 2015

Negeri States	Bilangan pertubuhan Number of establishment	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir Total number of persons engaged during December or the last pay period			Pekerja dibawah subkontraktor Workers under sub-contractors	
		Jumlah Total	Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji Working proprietors, active business partners and unpaid family workers	Pekerja sepenuh masa Full-time employees		Pekerja sambilan Part-time employees
<b>Jumlah Total</b>	<b>11,628</b>	<b>444,531</b>	<b>6,328</b>	<b>426,943</b>	<b>11,260</b>	<b>101,521</b>
<b>Johor</b>	1,992	57,000	863	54,989	1,148	18,195
<b>Kedah</b>	661	11,477	516	10,467	494	1,573
<b>Kelantan</b>	388	11,063	373	10,009	681	387
<b>Melaka</b>	491	11,771	380	11,348	43	735
<b>Negeri Sembilan</b>	589	15,237	371	14,794	72	2,374
<b>Pahang</b>	1,178	41,806	1,021	40,189	596	8,101
<b>Perak</b>	1,563	36,637	903	33,006	2,728	3,120
<b>Perlis</b>	63	326	95	201	30	3
<b>Pulau Pinang</b>	487	4,998	400	4,420	178	154
<b>Sabah</b>	1,941	136,356	444	133,640	2,272	16,132
<b>Sarawak</b>	1,204	80,886	487	78,079	2,320	45,578
<b>Selangor</b>	809	24,927	332	24,195	400	3,480
<b>Terengganu</b>	249	11,767	134	11,341	292	1,686
<b>W.P. Kuala Lumpur</b>	7	203	4	196	3	-
<b>W.P. Labuan</b>	6	77	5	69	3	3
<b>W.P. Putrajaya</b>	n.a	n.a	n.a	n.a	n.a	n.a

**Jadual A16: Bilangan pekerja sektor pertanian mengikut kewarganegaraan dan kategori pekerja, 2015**

*Table A16: Number of persons engaged of agriculture sector by citizenship and category of workers, 2015*

Kategori pekerja <i>Category of workers</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <i>Total number of persons engaged during December or the last pay period</i>		
	Jumlah <i>Total</i>	Warganegara <i>Citizen</i>	Bukan Warganegara <i>Non-citizen</i>
<b>Jumlah</b> <i>Total</i>	<b>444,531</b>	<b>195,925</b>	<b>248,606</b>
<b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b> <i>Working proprietors and unpaid family workers</i>	<b>6,328</b>	<b>6,325</b>	<b>3</b>
<b>Pemilik yang bekerja dan rakan niaga yang aktif</b> <i>Working proprietors and active business partners</i>	5,018	5,015	3
<b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b> <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	1,310	1,310	-
<b>Jumlah pekerja bergaji (sepenuh masa)</b> <i>Total paid employees (full-time)</i>	<b>426,943</b>	<b>183,665</b>	<b>243,278</b>
<b>Pengurus</b> <i>Managers</i>	14,018	13,932	86
<b>Profesional</b> <i>Professionals</i>	<b>5,139</b>	<b>5,080</b>	<b>59</b>
<b>Profesional</b> <i>Professionals</i>	4,778	4,721	57
<b>Penyelidik</b> <i>Researcher</i>	361	359	2
<b>Juruteknik dan Profesional bersekutu</b> <i>Technicians and Associate Professionals</i>	9,658	9,182	476

Jadual A16: Bilangan pekerja sektor pertanian mengikut kewarganegaraan dan kategori pekerja, 2015 (samb.)

Table A16: Number of persons engaged of agriculture sector by citizenship and category of workers, 2015 (cont'd)

Kategori pekerja <i>Category of workers</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <i>Total number of persons engaged during December or the last pay period</i>		
	Jumlah <i>Total</i>	Warganegara <i>Citizen</i>	Bukan Warganegara <i>Non-citizen</i>
<b>Pekerja Sokongan Perkeranian</b> <i>Clerical Support Workers</i>	21,459	20,768	691
<b>Pekerja Perkhidmatan dan Jualan</b> <i>Services and Sales Worker</i>	2,336	2,097	239
<b>Pekerja Mahir Pertanian, Perhutanan, Penternakan dan Perikanan</b> <i>Agricultural, Forestry, Livestock and Fisheries Skills Worker</i>	<b>330,155</b>	<b>108,322</b>	<b>221,833</b>
<b>Diambil secara langsung</b> <i>Directly employed</i>	283,084	96,183	186,901
<b>Diambil melalui kontraktor buruh</b> <i>Employed through labour contractors</i>	47,071	12,139	34,932
<b>Pekerja Kemahiran dan Pekerja Pertukangan yang berkaitan</b> <i>Craft and related Trades Workers</i>	6,664	3,287	3,377
<b>Operator Mesin dan Loji, dan Pemasang</b> <i>Plant and Machine Operators and Assemblers</i>	9,629	6,641	2,988
<b>Pekerja Asas</b> <i>Elementary Workers</i>	27,885	14,356	13,529
<b>Jumlah pekerja bergaji (sambilan)</b> <i>Total paid employees (part-time)</i>	<b>11,260</b>	<b>5,935</b>	<b>5,325</b>



**Jadual A17: Bilangan pekerja sektor pertanian mengikut jantina dan kelulusan, 2015**  
*Table A17: Number of persons engaged of agriculture sector by sex and qualification, 2015*

Kelulusan <i>Qualification</i>	Jumlah <i>Total</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <i>Total number of persons engaged during December or the last pay period</i>	
		Lelaki <i>Male</i>	Perempuan <i>Female</i>
<b>Jumlah</b> <i>Total</i>	<b>444,531</b>	<b>367,132</b>	<b>77,399</b>
<b>Pascasiswazah</b> <i>Postgraduate</i>	1,662	1,501	161
<b>Ijazah Sarjana Muda/Diploma lanjutan atau setaraf</b> <i>Bachelor/Advances Diploma or equivalent</i>	8,943	7,121	1,822
<b>Diploma</b> <i>Diploma</i>	13,167	9,869	3,298
<b>STPM atau yang setaraf</b> <i>STPM or equivalent</i>	6,791	4,135	2,656
<b>Sijil</b> <i>Certificate</i>	10,917	9,270	1,647
<b>SPM/SPM(V) atau yang setaraf</b> <i>SPM/SPM(V) or equivalent</i>	351,303	289,811	61,492
<b>Di bawah taraf kelulusan SPM/SPM(V)</b> <i>Below SPM/SPM(V) qualification</i>	51,748	45,425	6,323

**Jadual A18: Bilangan pekerja dan gaji & upah sektor pertanian mengikut kategori kemahiran dan jantina, 2015**  
 Table A18: Number of persons engaged and salaries & wages of agriculture sector by category of skilled and sex, 2015

Kategori kemahiran <i>Category of skills</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <i>Total number of persons engaged during December or the last pay period</i>			Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
<b>Jumlah</b> <i>Total</i>	<b>426,943</b>	<b>352,346</b>	<b>74,597</b>	<b>7,830,053</b>
<b>Mahir</b> <i>High-skilled</i>	28,815	25,487	3,328	1,255,449
<b>Separuh Mahir</b> <i>Semi-skilled</i>	370,243	303,897	66,346	6,204,969
<b>Kurang Mahir</b> <i>Low-skilled</i>	27,885	22,962	4,923	369,635

**Jadual A19: Bilangan pekerja sektor pertanian mengikut kategori kemahiran dan negeri, 2015**  
*Table A19: Number of persons engaged of agriculture sector by category of skilled and states, 2015*

Negeri <i>States</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <i>Total number of persons engaged during December or the last pay period</i>		
	Mahir <i>High-skilled</i>	Separuh Mahir <i>Semi-skilled</i>	Kurang Mahir <i>Low-skilled</i>
<b>Jumlah</b> <i>Total</i>	<b>28,815</b>	<b>370,243</b>	<b>27,885</b>
<b>Johor</b>	3,344	47,617	4,028
<b>Kedah</b>	874	8,920	673
<b>Kelantan</b>	655	8,555	799
<b>Melaka</b>	1,136	8,340	1,872
<b>Negeri Sembilan</b>	1,068	12,863	863
<b>Pahang</b>	2,704	35,176	2,309
<b>Perak</b>	2,628	28,712	1,666
<b>Perlis</b>	16	176	9
<b>Pulau Pinang</b>	506	2,669	1,245
<b>Sabah</b>	6,960	120,462	6,218
<b>Sarawak</b>	6,227	65,197	6,655
<b>Selangor</b>	1,861	21,315	1,019
<b>Terengganu</b>	813	10,009	519
<b>W.P. Kuala Lumpur</b>	19	168	9
<b>W.P. Labuan</b>	4	64	1
<b>W.P. Putrajaya</b>	n.a	n.a	n.a

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**JADUAL TERNAKAN**  
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**Jadual B1: Perangkaan utama subsektor ternakan mengikut kumpulan dan industri, 2015**

*Table B1: Principal statistics of livestock sub-sector by group and industry, 2015*

<b>Keterangan kumpulan dan industri</b> <i>Group and industry description</i>	<b>Kod kumpulan dan industri</b> <i>Group and industry code</i>	<b>Bilangan pertubuhan</b> <i>Number of establishments</i>	<b>Nilai output kasar</b> <i>Value of gross output</i>	<b>Nilai input perantaraan</b> <i>Value of intermediate input</i>	<b>Nilai ditambah</b> <i>Value added</i>	<b>Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir</b> <i>Total number of persons engaged during December or the last pay period</i>	<b>Gaji &amp; upah yang dibayar</b> <i>Salaries &amp; wages paid</i>	<b>Nilai harta tetap yang dimiliki pada akhir tahun</b> <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Jumlah</b> <i>Total</i>		<b>1,604</b>	<b>13,312,065</b>	<b>9,901,812</b>	<b>3,410,253</b>	<b>34,805</b>	<b>726,237</b>	<b>3,799,352</b>
<b>Pengeluaran ternakan</b> <i>Animal production</i>	<b>014</b>	<b>1,600</b>	<b>13,311,272</b>	<b>9,901,601</b>	<b>3,409,670</b>	<b>34,790</b>	<b>725,985</b>	<b>3,798,339</b>
<b>Penternakan, pembiakan dan pengeluaran lembu atau kerbau</b> <i>Raising, breeding and production of cattle or buffaloes</i>	01411	236	201,234	120,782	80,452	1,366	23,134	76,036
<b>Pengeluaran susu mentah daripada lembu atau kerbau</b> <i>Production of raw milk from cows or buffaloes</i>	01412	37	79,232	63,818	15,414	666	13,224	137,662
<b>Penternakan, pembiakan dan pengeluaran biri-biri dan kambing</b> <i>Raising, breeding and production of sheep and goats</i>	01441	104	33,379	18,419	14,959	446	5,573	30,181
<b>Pengeluaran susu mentah biri-biri atau kambing</b> <i>Production of raw sheep or goat's milk</i>	01442	8	1,199	724	476	23	288	1,832
<b>Penternakan, pembiakan dan pengeluaran babi</b> <i>Raising, breeding and production of swine/pigs</i>	01450	225	1,187,674	871,209	316,466	4,699	103,592	330,325

Jadual B1: Perangkaan utama subsektor ternakan mengikut kumpulan dan industri, 2015 (samb.)

Table B1: Principal statistics of livestock sub-sector by group and industry, 2015 (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 &amp; 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)
<b>Penternakan, pembiakan dan pengeluaran ayam, ayam daging</b> <i>Raising, breeding and production of chicken, broiler</i>	01461	662	9,058,020	6,922,698	2,135,322	19,673	427,109	2,317,438
<b>Penternakan, pembiakan dan pengeluaran itik</b> <i>Raising, breeding and production of ducks</i>	01462	22	280,506	200,044	80,462	1,003	18,804	66,005
<b>Penternakan, pembiakan dan pengeluaran burung puyuh; Penternakan dan pembiakan unggas lain t.t.t.l</b> <i>Raising, breeding and production of quails; Raising and breeding of other poultry n.e.c</i>	01464 01465	17	5,488	2,928	2,560	86	1,022	2,125
<b>Pengeluaran telur ayam</b> <i>Production of chicken eggs</i>	01466	102	2,385,513	1,654,435	731,078	6,077	122,567	749,287
<b>Pengeluaran telur itik</b> <i>Production of duck eggs</i>	01467	12	21,347	18,504	2,843	139	2,141	5,571
<b>Penternakan, pembiakan dan pengeluaran haiwan separuh jinak</b> <i>Raising, breeding and production of semi-domesticated</i>	01491	4	632	295	338	15	205	1,382



Jadual B1: Perangkaan utama subsektor ternakan mengikut kumpulan dan industri, 2015 (samb.)

Table B1: Principal statistics of livestock sub-sector by group and industry, 2015 (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 &amp; 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)
<b>Penternakan lebah dan pengeluaran hasil madu dan lilin lebah</b> <i>Bee keeping and production of honey and beeswax</i>	01495	15	4,553	2,251	2,301	68	983	1,038
<b>Penternakan dan pembiakan haiwan peliharaan</b> <i>Raising and breeding of pet animals</i>	01496	3	264	166	99	10	127	1,689
<b>Penternakan dan pembiakan burung walit</b> <i>Raising and breeding of swiftlet</i>	01497	150	51,912	25,230	26,681	514	7,108	77,629
<b>Penternakan pelbagai/haiwan t.t.t.l</b> <i>Raising of diverse/other animals n.e.c</i>	01499	3	317	97	220	5	109	140
<b>Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian</b> <i>Support activities to agriculture and post-harvest crops activities</i>	<b>016</b>	<b>4</b>	<b>793</b>	<b>211</b>	<b>582</b>	<b>15</b>	<b>253</b>	<b>1,013</b>
<b>Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak</b> <i>Agricultural activities for animal production on a fee or contract basis</i>	01620	4	793	211	582	15	253	1,013

Jadual B2: Perangkaan utama subsektor ternakan mengikut negeri, 2015

Table B2: Principal statistics of livestock sub-sector by states, 2015

Negeri States	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantara 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)
<b>Jumlah Total</b>	<b>1,604</b>	<b>13,312,065</b>	<b>9,901,812</b>	<b>3,410,253</b>	<b>34,805</b>	<b>726,237</b>	<b>3,799,352</b>
<b>Johor</b>	308	2,558,641	1,665,518	893,122	7,982	171,449	715,929
<b>Kedah</b>	103	458,699	358,704	99,996	1,219	19,204	162,061
<b>Kelantan</b>	45	68,190	48,377	19,813	254	3,718	20,083
<b>Melaka</b>	111	1,976,814	1,626,640	350,174	3,371	68,061	443,466
<b>Negeri Sembilan</b>	109	693,972	544,386	149,585	2,883	62,480	237,050
<b>Pahang</b>	125	267,865	220,757	47,108	1,112	18,222	103,080
<b>Perak</b>	233	2,271,700	1,831,594	440,106	6,760	153,709	658,591
<b>Perlis</b>	15	5,142	4,219	923	51	317	2,419
<b>Pulau Pinang</b>	144	1,821,460	936,528	884,931	2,133	42,219	304,341
<b>Sabah<sup>1</sup></b>	59	1,066,641	862,910	203,731	2,645	49,404	500,589
<b>Sarawak</b>	137	1,014,801	887,594	127,208	2,916	51,348	296,326
<b>Selangor</b>	168	1,028,293	851,099	177,193	3,103	79,974	348,078
<b>Terengganu</b>	47	79,848	63,486	16,362	376	6,133	7,339
<b>W.P. Kuala Lumpur</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>W.P. Labuan</b>	-	-	-	-	-	-	-
<b>W.P. Putrajaya</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Nota:<sup>1</sup> Termasuk W.P. Labuan

Note: Include W.P. Labuan

Jadual B3: Perangkaan utama subsektor ternakan mengikut taraf sah, 2015

Table B3: Principal statistics of livestock sub-sector by legal status, 2015

Taraf sah <i>Legal status</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 gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; 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)
<b>Jumlah</b> <i>Total</i>	<b>1,604</b>	<b>13,312,065</b>	<b>9,901,812</b>	<b>3,410,253</b>	<b>34,805</b>	<b>726,237</b>	<b>3,799,352</b>
<b>Hak milik perseorangan</b> <i>Individual proprietorship</i>	537	398,102	265,603	132,500	2,685	31,440	93,177
<b>Perkongsian</b> <i>Partnership</i>	380	599,985	434,168	165,817	2,997	39,757	150,158
<b>Perkongsian liabiliti terhad</b> <i>Limited liabilities partnership</i>	4	2,694	2,009	685	23	376	413
<b>Syarikat sendirian berhad</b> <i>Private limited company</i>	669	12,300,664	9,194,827	3,105,837	28,983	653,016	3,549,288
<b>Syarikat awam berhad</b> <i>Public limited company</i>							
<b>Syarikat koperasi</b> <i>Co-operative</i>	10	8,463	4,156	4,307	69	1,008	2,976
<b>Perbadanan awam</b> <i>Public corporation</i>	4	2,156	1,049	1,107	48	641	3,339

Jadual B4: Perangkaan utama subsektor ternakan mengikut hak milik, 2015

Table B4: Principal statistics of livestock sub-sector by ownership, 2015

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 gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; 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)
<b>Jumlah</b> <i>Total</i>	<b>1,604</b>	<b>13,312,065</b>	<b>9,901,812</b>	<b>3,410,253</b>	<b>34,805</b>	<b>726,237</b>	<b>3,799,352</b>
<b>Residen Malaysia</b> <i>Malaysian residents</i>	1,583	12,806,621	9,543,519	3,263,102	32,891	681,201	3,548,638
<b>Bukan residen Malaysia</b> <i>Non-Malaysian residents</i>	21	505,444	358,293	147,151	1,914	45,036	250,713

**Jadual B5: Perangkaan utama subsektor ternakan mengikut saiz pekerja, 2015**

*Table B5: Principal statistics of livestock sub-sector by employment size, 2015*

Saiz pekerja <i>Employment size</i>		Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate output</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of person engaged during December or last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; 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)
<b>Jumlah</b> <i>Total</i>		<b>1,604</b>	<b>13,312,065</b>	<b>9,901,812</b>	<b>3,410,253</b>	<b>34,805</b>	<b>726,237</b>	<b>3,799,352</b>
<b>Kurang daripada</b> <i>Below</i>								
	<b>5</b>	671	331,505	264,147	67,358	1,746	17,064	143,049
<b>5</b>	- <b>29</b>	703	2,336,370	1,530,320	806,050	7,373	133,352	598,382
<b>30</b>	- <b>75</b>	122	2,593,507	1,812,196	781,310	5,920	130,693	785,773
<b>76</b>	<b>dan lebih</b> <i>and above</i>	108	8,050,683	6,295,149	1,755,534	19,766	445,129	2,272,148

Jadual B6: Perangkaan utama subsektor ternakan mengikut saiz output, 2015

Table B6: Principal statistics of livestock sub-sector by output size, 2015

Saiz output <i>Output size</i>		Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate output</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of person engaged during December or last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; 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)
<b>Jumlah</b> <i>Total</i>		<b>1,604</b>	<b>13,312,065</b>	<b>9,901,812</b>	<b>3,410,253</b>	<b>34,805</b>	<b>726,237</b>	<b>3,799,352</b>
<b>Kurang daripada</b> <i>Below</i>								
	<b>300</b>	603	61,761	31,854	29,906	1,770	14,947	122,988
<b>300</b>	- <b>&lt;3,000</b>	578	671,085	458,204	212,881	4,611	73,496	275,379
<b>3,000</b>	- <b>&lt;20,000</b>	297	2,306,862	1,729,119	577,743	10,410	211,963	872,832
<b>20,000</b>	<b>dan lebih</b> <i>and above</i>	126	10,272,358	7,682,635	2,589,723	18,014	425,832	2,528,153

**Jadual B7: Perangkaan utama subsektor ternakan mengikut saiz harta tetap, 2015**

*Table B7: Principal statistics of livestock sub-sector by size of fixed assets, 2015*

Saiz harta <i>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 gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; 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)
<b>Jumlah</b> <i>Total</i>		<b>1,604</b>	<b>13,312,065</b>	<b>9,901,812</b>	<b>3,410,253</b>	<b>34,805</b>	<b>726,237</b>	<b>3,799,352</b>
<b>Kurang daripada</b> <i>Less than</i>								
	<b>50</b>	476	497,321	380,084	117,238	2,667	37,402	7,431
<b>50</b>	- < 100	186	183,757	140,015	43,742	1,018	15,332	13,050
<b>100</b>	- < 200	188	225,864	162,193	63,672	1,378	21,794	27,157
<b>200</b>	- < 500	239	454,215	336,211	118,003	2,331	40,056	77,339
<b>500</b>	- < 1000	187	803,709	642,437	161,272	2,525	46,270	135,992
<b>1,000</b>	- < 5000	190	2,198,633	1,686,328	512,304	6,714	151,992	430,771
<b>5,000</b>	- < 10,000	50	1,218,608	982,469	236,139	4,193	96,384	353,168
<b>10,000</b>	- < 50,000	75	4,946,008	3,145,592	1,800,416	9,890	215,681	1,687,971
<b>50,000</b>	dan lebih <i>and above</i>	13	2,783,950	2,426,482	357,468	4,089	101,327	1,066,472

**Jadual B8: Bilangan pekerja dan gaji & upah subsektor ternakan mengikut kategori pekerja, 2015**  
 Table B8: Number of persons engaged and salaries & wages of livestock sub-sector by category of workers, 2015

Kategori pekerja <i>Category of workers</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <i>Total number of persons engaged during December or the last pay period</i>			Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
<b>Jumlah</b> <i>Total</i>	<b>34,805</b>	<b>29,615</b>	<b>5,190</b>	<b>726,237</b>
<b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b> <i>Working proprietors and unpaid family workers</i>	<b>1,366</b>	<b>1,139</b>	<b>227</b>	<b>n.a</b>
<b>Pemilik yang bekerja dan rakan niaga yang aktif</b> <i>Working proprietors and active business partners</i>	1,112	966	146	n.a
<b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b> <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	254	173	81	n.a
<b>Jumlah pekerja bergaji (sepenuh masa)</b> <i>Total paid employees (full-time)</i>	<b>32,662</b>	<b>27,760</b>	<b>4,902</b>	<b>720,256</b>
<b>Pengurus</b> <i>Managers</i>	1,441	1,204	237	112,458
<b>Profesional</b> <i>Professionals</i>	<b>414</b>	<b>295</b>	<b>119</b>	<b>23,673</b>
<b>Profesional</b> <i>Professionals</i>	375	263	112	21,999
<b>Penyelidik</b> <i>Researcher</i>	39	32	7	1,674
<b>Juruteknik dan Profesional bersekutu</b> <i>Technicians and Associate Professionals</i>	640	587	53	26,514



**Jadual B8: Bilangan pekerja dan gaji & upah subsektor ternakan mengikut kategori pekerja, 2015 (samb.)**  
*Table B8: Number of persons engaged and salaries & wages of livestock sub-sector by category of workers, 2015 (cont'd)*

Kategori pekerja <i>Category of workers</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <i>Total number of persons engaged during December or the last pay period</i>			Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
<b>Pekerja Sokongan Perkeranian</b> <i>Clerical Support Workers</i>	1,842	379	1,463	43,163
<b>Pekerja Perkhidmatan dan Jualan</b> <i>Services and Sales Worker</i>	469	307	162	12,333
<b>Pekerja Mahir Pertanian, Perhutanan, Penternakan dan Perikanan</b> <i>Agricultural, Forestry, Livestock and Fisheries Skills Worker</i>	<b>21,301</b>	<b>19,524</b>	<b>1,777</b>	<b>402,869</b>
<b>Diambil secara langsung</b> <i>Directly employed</i>	17,765	16,318	1,447	334,136
<b>Diambil melalui kontraktor buruh</b> <i>Employed through labour contractors</i>	3,536	3,206	330	68,733
<b>Pekerja Kemahiran dan Pekerja Pertukangan yang berkaitan</b> <i>Craft and related Trades Workers</i>	441	423	18	8,925
<b>Operator Mesin dan Loji, dan Pemasang</b> <i>Plant and Machine Operators and Assemblers</i>	585	527	58	11,167
<b>Pekerja Asas</b> <i>Elementary Workers</i>	5,529	4,514	1,015	79,155
<b>Jumlah pekerja bergaji (sambilan)</b> <i>Total paid employees (part-time)</i>	<b>777</b>	<b>716</b>	<b>61</b>	<b>5,982</b>

Jadual B9: Bilangan pekerja subsektor ternakan mengikut kumpulan dan industri, 2015

Table B9: Number of persons engaged of livestock sub-sector by group and industry, 2015

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 terakhir <i>Total number of persons engaged during December or the last pay period</i>				Pekerja di bawah subkontraktor <i>Workers under sub-contractors</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>	
<b>Jumlah</b> <i>Total</i>		<b>1,604</b>	<b>34,805</b>	<b>1,366</b>	<b>32,662</b>	<b>777</b>	<b>3,202</b>
<b>Pengeluaran ternakan</b> <i>Animal production</i>	<b>014</b>	<b>1,600</b>	<b>34,790</b>	<b>1,365</b>	<b>32,648</b>	<b>777</b>	<b>3,202</b>
<b>Penternakan, pembiakan dan pengeluaran lembu atau kerbau</b> <i>Raising, breeding and production of cattle or buffaloes</i>	01411	236	1,366	240	1,083	43	147
<b>Pengeluaran susu mentah daripada lembu atau kerbau</b> <i>Production of raw milk from cows or buffaloes</i>	01412	37	666	33	611	22	60
<b>Penternakan, pembiakan dan pengeluaran biri-biri dan kambing</b> <i>Raising, breeding and production of sheep and goats</i>	01441	104	446	113	319	14	13
<b>Pengeluaran susu mentah biri-biri atau kambing</b> <i>Production of raw sheep or goat's milk</i>	01442	8	23	9	14	-	2
<b>Penternakan, pembiakan dan pengeluaran babi</b> <i>Raising, breeding and production of swine/pigs</i>	01450	225	4,699	207	4,334	158	302

Jadual B9: Bilangan pekerja subsektor ternakan mengikut kumpulan dan industri, 2015 (samb.)

Table B9: Number of persons engaged of livestock sub-sector by group and industry, 2015 (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 terakhir <i>Total number of persons engaged during December or the last pay period</i>				Pekerja di bawah subkontraktor <i>Workers under sub-contractors</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>	
<b>Penternakan, pembiakan dan pengeluaran ayam, ayam daging</b> <i>Raising, breeding and production of chicken, broiler</i>	01461	662	19,673	545	18,720	408	1727
<b>Penternakan, pembiakan dan pengeluaran itik</b> <i>Raising, breeding and production of ducks</i>	01462	22	1,003	11	982	10	94
<b>Penternakan, pembiakan dan pengeluaran burung puyuh; Penternakan dan pembiakan unggas lain t.t.t.l</b> <i>Raising, breeding and production of quails; Raising and breeding of other poultry n.e.c</i>	01464 } 01465 }	17	86	18	67	1	2
<b>Pengeluaran telur ayam</b> <i>Production of chicken eggs</i>	01466	102	6,077	85	5,939	53	794
<b>Pengeluaran telur itik</b> <i>Production of duck eggs</i>	01467	12	139	10	125	4	-
<b>Penternakan, pembiakan dan pengeluaran haiwan separuh jinak</b> <i>Raising, breeding and production of semi-domesticated</i>	01491	4	15	1	12	2	-

Jadual B9: Bilangan pekerja subsektor ternakan mengikut kumpulan dan industri, 2015 (samb.)

Table B9: Number of persons engaged of livestock sub-sector by group and industry, 2015 (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 terakhir <i>Total number of persons engaged during December or the last pay period</i>				Pekerja di bawah subkontraktor <i>Workers under sub-contractors</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>	
<b>Penternakan lebah dan pengeluaran hasil madu dan lilin lebah</b> <i>Bee keeping and production of honey and beeswax</i>	01495	15	68	16	50	2	8
<b>Penternakan dan pembiakan haiwan peliharaan</b> <i>Raising and breeding of pet animals</i>	01496	3	10	1	5	4	-
<b>Penternakan dan pembiakan burung walit</b> <i>Raising and breeding of swiftlet</i>	01497	150	514	75	384	55	53
<b>Penternakan pelbagai/haiwan t.t.t.l</b> <i>Raising of diverse/other animals n.e.c</i>	01499	3	5	1	3	1	-
<b>Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian</b> <i>Support activities to agriculture and post-harvest crops activities</i>	<b>016</b>	<b>4</b>	<b>15</b>	<b>1</b>	<b>14</b>	-	-
<b>Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak</b> <i>Agricultural activities for animal production on a fee or contract basis</i>	01620	4	15	1	14	-	-

**Jadual B10: Bilangan pekerja subsektor ternakan mengikut jantina dan industri, 2015**

*Table B10: Number of persons engaged of livestock sub-sector by sex and industry, 2015*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Jumlah Total	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 &amp; 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)
<b>Jumlah Total</b>		<b>34,805</b>	<b>29,615</b>	<b>5,190</b>	<b>1,139</b>	<b>227</b>	<b>28,476</b>	<b>4,963</b>	<b>612,413</b>	<b>113,824</b>
<b>Pengeluaran ternakan</b> <i>Animal production</i>	<b>014</b>	<b>34,790</b>	<b>29,603</b>	<b>5,187</b>	<b>1,138</b>	<b>227</b>	<b>28,465</b>	<b>4,960</b>	<b>612,199</b>	<b>113,786</b>
<b>Penternakan, pembiakan dan pengeluaran lembu atau kerbau</b> <i>Raising, breeding and production of cattle or buffaloes</i>	01411	1,366	1,290	76	220	20	1,070	56	21,843	1,291
<b>Pengeluaran susu mentah daripada lembu atau kerbau</b> <i>Production of raw milk from cows or buffaloes</i>	01412	666	562	104	28	5	534	99	11,342	1,882
<b>Penternakan, pembiakan dan pengeluaran biri-biri dan kambing</b> <i>Raising, breeding and production of sheep and goats</i>	01441	446	398	48	92	21	306	27	5,162	410
<b>Pengeluaran susu mentah biri-biri atau kambing</b> <i>Production of raw sheep or goat's milk</i>	01442	23	18	5	6	3	12	2	260	28
<b>Penternakan, pembiakan dan pengeluaran babi</b> <i>Raising, breeding and production of swine/pigs</i>	01450	4,699	4,282	417	176	31	4,106	386	94,250	9,342

Jadual B10: Bilangan pekerja subsektor ternakan mengikut jantina dan industri, 2015 (samb.)

Table B10: Number of persons engaged of livestock sub-sector by sex and industry, 2015 (cont'd)

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Jumlah Total <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 &amp; 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)
<b>Penternakan, pembiakan dan pengeluaran ayam, ayam daging</b> <i>Raising, breeding and production of chicken, broiler</i>	01461	19,673	16,622	3,051	450	95	16,172	2,956	355,490	71,619
<b>Penternakan, pembiakan dan pengeluaran itik</b> <i>Raising, breeding and production of ducks</i>	01462	1,003	918	85	8	3	910	82	16,974	1,831
<b>Penternakan, pembiakan dan pengeluaran burung puyuh</b> <i>Raising, breeding and production of quails</i>	01464	79	67	12	11	6	56	6	835	104
<b>Penternakan dan pembiakan unggas lain t.t.t.l</b> <i>Raising and breeding of other poultry n.e.c</i>	01465	7	7	-	1	-	6	-	84	-
<b>Pengeluaran telur ayam</b> <i>Production of chicken eggs</i>	01466	6,077	4,788	1,289	63	22	4,725	1,267	96,712	25,855
<b>Pengeluaran telur itik</b> <i>Production of duck eggs</i>	01467	139	124	15	7	3	117	12	1,812	329
<b>Penternakan, pembiakan dan pengeluaran haiwan separuh jinak</b> <i>Raising, breeding and production of semi-domesticated</i>	01491	15	14	1	1	-	13	1	194	11

Jadual B10: Bilangan pekerja subsektor ternakan mengikut jantina dan industri, 2015 (samb.)

Table B10: Number of persons engaged of livestock sub-sector by sex and industry, 2015 (cont'd)

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Jumlah Total	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 &amp; 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)
<b>Penternakan lebah dan pengeluaran hasil madu dan lilin lebah</b> <i>Bee keeping and production of honey and beeswax</i>	01495	68	51	17	11	5	40	12	746	236
<b>Penternakan dan pembiakan haiwan peliharaan</b> <i>Raising and breeding of pet animals</i>	01496	10	8	2	-	1	8	1	107	20
<b>Penternakan dan pembiakan burung walit</b> <i>Raising and breeding of swiftlet</i>	01497	514	450	64	63	12	387	52	6,312	795
<b>Penternakan pelbagai/haiwan t.t.t.l</b> <i>Raising of diverse/other animals n.e.c</i>	01499	5	4	1	1	-	3	1	76	34
<b>Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian</b> <i>Support activities to agriculture and post-harvest crops activities</i>	016	15	12	3	1	-	11	3	214	39
<b>Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak</b> <i>Agricultural activities for animal production on a fee or contract basis</i>	01620	15	12	3	1	-	11	3	214	39

Jadual B11: Nilai harta tetap subsektor ternakan mengikut jenis harta, 2015

Table B11: Value of fixed assets of livestock sub-sector by type of assets, 2015

Jenis harta <i>Type of assets</i>	Nilai buku bersih seperti pada 01.01.2015 <i>Net book value as at 01.01.2015</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 31.12.2015 <i>Net book value as at 31.12.2015</i>
	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
<b>Jumlah</b> <i>Total</i>	<b>3,720,290</b>	<b>384,776</b>	<b>99,254</b>	<b>60,842</b>	<b>267,302</b>	<b>3,799,352</b>
<b>Harta tetap</b> <i>Fixed assets</i>	<b>3,587,027</b>	<b>290,881</b>	<b>56,646</b>	<b>60,746</b>	<b>257,727</b>	<b>3,624,282</b>
<b>Tanah</b> <i>Land</i>	1,301,474	41,854	44,811	44,610	11,102	1,332,025
<b>Bangunan dan binaan lain</b> <i>Buildings and other construction</i>	1,161,513	128,876	3,425	10,051	81,000	1,216,015
<b>Tempat kediaman</b> <i>Residential</i>	85,600	5,292	176	18	2,555	88,179
<b>Bukan tempat kediaman</b> <i>Non-residential</i>	595,992	42,289	1,236	1,525	36,967	601,602
<b>Binaan lain kecuali pembangunan tanah</b> <i>Other construction except land improvement</i>	479,921	81,295	2,013	8,507	41,477	526,234
<b>Pembangunan tanah</b> <i>Land improvement</i>	43,343	4,952	0.0	1,848	3,208	46,935
<b>Alat pengangkutan</b> <i>Transport equipment</i>	298,244	35,875	4,083	1,032	48,860	282,207
<b>Kereta penumpang</b> <i>Passenger cars</i>	22,349	5,876	582	167	3,443	24,367
<b>Kenderaan perdagangan</b> <i>Commercial vehicles</i>	270,214	28,335	3,230	858	44,549	251,628
<b>Lain-lain</b> <i>Others</i>	5,681	1,664	272	6	868	6,212



Jadual B11: Nilai harta subsektor ternakan mengikut jenis harta, 2015 (samb.)

Table B11: Value of assets of livestock sub-sector by type of assets, 2015 (cont'd)

Jenis harta <i>Type of assets</i>	Nilai buku bersih seperti pada 01.01.2015 <i>Net book value as at 01.01.2015</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 31.12.2015 <i>Net book value as at 31.12.2015</i>
	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
<b>Teknologi Maklumat dan Telekomunikasi</b> <i>Information and Communications Technology</i>	16,749	672	4	0.0	1,811	15,606
<b>Perkakasan komputer</b> <i>Computer hardware</i>	6,031	274	1	-	878	5,425
<b>Perisian komputer</b> <i>Computer software</i>	7,949	218	-	-	673	7,493
<b>Peralatan telekomunikasi</b> <i>Telecommunication equipment</i>	2,770	181	3	0.0	260	2,688
<b>Jentera dan kelengkapan</b> <i>Machinery and equipment</i>	673,969	66,010	4,249	3,205	98,549	640,385
<b>Perabot dan pemasangan</b> <i>Furniture and fittings</i>	91,735	12,642	73	2	13,198	91,108
<b>Harta lain</b> <i>Other assets</i>	<b>133,263</b>	<b>89,114</b>	<b>42,608</b>	<b>96</b>	<b>9,575</b>	<b>170,289</b>
<b>Muhibah, paten</b> <i>Goodwill, patent</i>	2,104	24,119	15,317	25	-	10,930
<b>Kerja modal dalam pelaksanaan</b> <i>Capital work in-progress</i>	49,554	38,595	23,851	-	-	64,298
<b>Aset biologi</b> <i>Biological assets</i>	65,730	20,474	3,316	-	7,424	75,464
<b>Lain-lain</b> <i>Others</i>	15,874	5,926	123	71	2,151	19,597
<b>Perbelanjaan penyelidikan dan pembangunan</b> <i>Research and development expenditure</i>	-	<b>4,781</b>	-	-	-	<b>4,781</b>

Jadual B12: Perangkaan utama pertubuhan milikan wanita subsektor ternakan mengikut kumpulan dan industri, 2015

Table B12: Principal statistics of woman-owned establishments of livestock sub-sector by group and industry, 2015

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 &amp; 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)
<b>Jumlah</b> <i>Total</i>		<b>148</b>	<b>566,998</b>	<b>392,198</b>	<b>174,801</b>	<b>1,843</b>	<b>34,514</b>	<b>125,624</b>
<b>Pengeluaran ternakan</b> <i>Animal production</i>	<b>014</b>	<b>148</b>	<b>566,998</b>	<b>392,198</b>	<b>174,801</b>	<b>1,843</b>	<b>34,514</b>	<b>125,624</b>
<b>Penternakan, pembiakan dan pengeluaran lembu atau kerbau</b> <i>Raising, breeding and production of cattle or buffaloes</i>	01411	21	33,112	21,664	11,448	163	2,825	24,566
<b>Pengeluaran susu mentah daripada lembu atau kerbau</b> <i>Production of raw milk from cows or buffaloes</i>	01412	3	965	360	605	19	301	729
<b>Penternakan, pembiakan dan pengeluaran biri-biri dan kambing; Pengeluaran susu mentah biri-biri atau kambing</b> <i>Raising, breeding and production of sheep and goats; Production of raw sheep or goat's milk</i>	01441 } 01442 }	16	2,487	1,454	1,033	57	478	2,075
<b>Penternakan, pembiakan dan pengeluaran babi</b> <i>Raising, breeding and production of swine/pigs</i>	01450	9	29,670	21,056	8,614	95	3,053	4,166

Jadual B12: Perangkaan utama pertubuhan milikan wanita subsektor ternakan mengikut kumpulan dan industri, 2015 (samb.)

Table B12: Principal statistics of woman-owned establishments of livestock sub-sector by group and industry, 2015 (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 &amp; 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)
<b>Penternakan, pembiakan dan pengeluaran ayam, ayam daging</b> <i>Raising, breeding and production of chicken, broiler</i>	01461	66	335,195	208,546	126,650	1,016	18,024	58,958
<b>Penternakan, pembiakan dan pengeluaran burung puyuh</b> <i>Raising, breeding and production of quails</i>	01464	4	805	407	399	14	99	493
<b>Pengeluaran telur ayam; Pengeluaran telur itik</b> <i>Production of chicken eggs; Production of duck eggs</i>	01466 } 01467 }	13	157,466	134,948	22,518	385	8,274	26,621
<b>Penternakan lebah dan pengeluaran hasil madu dan lilin lebah; Penternakan dan pembiakan haiwan peliharaan; Penternakan dan pembiakan burung walit</b> <i>Bee keeping and production of honey and beeswax; Raising and breeding of pet animals; Raising and breeding of swiftlet</i>	01495 } 01496 } 01497 }	16	7,297	3,763	3,534	94	1,459	8,015

**Jadual B13: Perangkaan utama pertubuhan wanita subsektor ternakan mengikut negeri, 2015**  
 Table B13: Principal statistics of women-owned establishments of livestock sub-sector by states, 2015

Negeri States	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)
<b>Jumlah Total</b>	<b>148</b>	<b>566,998</b>	<b>392,198</b>	<b>174,801</b>	<b>1,843</b>	<b>34,514</b>	<b>125,624</b>
<b>Johor</b>	38	152,598	119,327	33,271	542	11,243	39,297
<b>Kedah<sup>1</sup></b>	14	8,231	6,718	1,513	58	548	1,321
<b>Kelantan</b>	-	-	-	-	-	-	-
<b>Melaka</b>	8	3,673	2,133	1,540	40	399	1,123
<b>Negeri Sembilan</b>	7	8,280	7,869	411	25	357	1,027
<b>Pahang</b>	12	9,091	7,076	2,015	67	651	5,840
<b>Perak</b>	15	41,959	29,022	12,937	288	5,854	5,332
<b>Pulau Pinang</b>	7	122,222	31,652	90,570	239	3,385	25,187
<b>Perlis</b>	-	-	-	-	-	-	-
<b>Sabah</b>	-	-	-	-	-	-	-
<b>Sarawak<sup>2</sup></b>	7	154,251	136,791	17,460	238	4,919	18,367
<b>Selangor</b>	33	63,950	49,578	14,372	321	6,905	27,390
<b>Terengganu<sup>3</sup></b>	7	2,744	2,032	713	25	255	739
<b>W.P. Kuala Lumpur</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>W.P. Labuan</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>W.P. Putrajaya</b>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Nota/Note:<sup>1</sup> Termasuk Perlis/Include Perlis

<sup>2</sup> Termasuk Sabah/Include Sabah

<sup>3</sup> Termasuk Kelantan/Include Kelantan

**Jadual B14: Bilangan pekerja subsektor ternakan mengikut negeri, 2015**  
*Table B14: Number of persons engaged of livestock sub-sector by states, 2015*

Negeri <i>States</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <i>Total number of persons engaged during December or the last pay period</i>				Pekerja di bawah subkontraktor <i>Workers under sub- contractors</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>	
<b>Jumlah <i>Total</i></b>	<b>1,604</b>	<b>34,805</b>	<b>1,366</b>	<b>32,662</b>	<b>777</b>	<b>3,202</b>
Johor	307	7,982	212	7,479	291	1,532
Kedah	103	1,219	93	1,081	45	488
Kelantan	45	254	37	208	9	40
Melaka	111	3,371	106	3,254	11	665
Negeri Sembilan	109	2,883	101	2,762	20	2
Pahang	125	1,112	122	971	19	41
Pulau Pinang	145	2,133	164	1,935	34	1
Perak	232	6,760	170	6,456	134	94
Perlis	15	51	23	19	9	1
Selangor	169	3,103	103	2,962	38	75
Terengganu	47	376	35	335	6	60
Sabah <sup>1</sup>	59	2,645	20	2,543	82	121
Sarawak	137	2,916	180	2,657	79	82
W.P. Kuala Lumpur	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
W.P. Labuan	-	-	-	-	-	-
W.P. Putrajaya	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Nota:<sup>1</sup> Termasuk W.P. Labuan  
*Note: Include W.P. Labuan*

Jadual B15: Bilangan pekerja subsektor ternakan mengikut kewarganegaraan dan kategori pekerja, 2015

Table B15: Number of persons engaged of livestock sub-sector by citizenship and category of workers, 2015

Kategori pekerja <i>Category of workers</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <i>Total number of persons engaged during December or the last pay period</i>		
	Jumlah <i>Total</i>	Warganegara <i>Citizen</i>	Bukan Warganegara <i>Non-citizen</i>
<b>Jumlah</b> <i>Total</i>	<b>34,805</b>	<b>23,087</b>	<b>11,718</b>
<b>Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b> <i>Working proprietors and unpaid family workers</i>	<b>1,366</b>	<b>1,366</b>	<b>-</b>
<b>Pemilik yang bekerja dan rakan niaga yang aktif</b> <i>Working proprietors and active business partners</i>	1,112	1,112	-
<b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b> <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	254	254	-
<b>Jumlah pekerja bergaji (sepenuh masa)</b> <i>Total paid employees (full-time)</i>	<b>32,662</b>	<b>21,099</b>	<b>11,563</b>
<b>Pengurus</b> <i>Managers</i>	1,441	1,426	15
<b>Profesional</b> <i>Professionals</i>	<b>414</b>	<b>406</b>	<b>8</b>
<b>Profesional</b> <i>Professionals</i>	375	367	8
<b>Penyelidik</b> <i>Researcher</i>	39	39	-
<b>Juruteknik dan Profesional bersekutu</b> <i>Technicians and Associate Professionals</i>	640	610	30

**Jadual B15: Bilangan pekerja subsektor ternakan mengikut kewarganegaraan dan kategori pekerja, 2015 (samb.)**  
*Table B15: Number of persons engaged of livestock sub-sector by citizenship and category of workers, 2015(cont'd)*

Kategori pekerja <i>Category of workers</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <i>Total number of persons engaged during December or the last pay period</i>		
	Jumlah <i>Total</i>	Warganegara <i>Citizen</i>	Bukan Warganegara <i>Non-citizen</i>
<b>Pekerja Sokongan Perkeranian</b> <i>Clerical Support Workers</i>	1,842	1,793	49
<b>Pekerja Perkhidmatan dan Jualan</b> <i>Services and Sales Workers</i>	469	441	28
<b>Pekerja Mahir Pertanian, Perhutanan, Penternakan dan Perikanan</b> <i>Agricultural, Forestry, Livestock and Fisheries Skills Worker</i>	<b>21,301</b>	<b>12,287</b>	<b>9,014</b>
<b>Diambil secara langsung</b> <i>Directly employed</i>	17,765	10,071	7,694
<b>Diambil melalui kontraktor buruh</b> <i>Employed through labour contractors</i>	3,536	2,216	1,320
<b>Pekerja Kemahiran dan Pekerja Pertukangan yang berkaitan</b> <i>Craft and related Trades Workers</i>	441	404	37
<b>Operator Mesin dan Loji, dan Pemasang</b> <i>Plant and Machine Operators and Assemblers</i>	585	437	148
<b>Pekerja Asas</b> <i>Elementary Workers</i>	5,529	3,295	2,234
<b>Jumlah pekerja bergaji (sambilan)</b> <i>Total paid employees (part-time)</i>	<b>777</b>	<b>622</b>	<b>155</b>

Jadual B16: Bilangan pekerja subsektor ternakan mengikut jantina dan kelulusan, 2015

Table B16: Number of persons engaged of livestock sub-sector by sex and qualification, 2015

Kelulusan Qualification	Jumlah Total	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir Total number of persons engaged during December or the last pay period	
		Lelaki Male	Perempuan Female
<b>Jumlah</b> Total	<b>34,805</b>	<b>29,615</b>	<b>5,190</b>
<b>Pascasiswazah</b> Postgraduate	83	69	14
<b>Ijazah Sarjana Muda/Diploma Lanjutan atau yang setaraf</b> Bachelor/Advances Diploma or equivalent	876	645	231
<b>Diploma</b> Diploma	1,731	1,208	523
<b>STPM atau yang setaraf</b> STPM or equivalent	1,049	660	389
<b>Sijil</b> Certificate	2,297	1,996	301
<b>SPM/SPM(V) atau yang setaraf</b> SPM/SPM(V) or equivalent	11,493	9,587	1,906
<b>Di bawah taraf kelulusan SPM/SPM(V)</b> Below SPM/SPM(V) qualification	17,276	15,450	1,826



**Jadual B17: Bilangan pekerja dan gaji & upah subsektor ternakan mengikut kategori kemahiran dan jantina, 2015**  
*Table B17: Number of persons engaged and salaries & wages of livestock sub-sector by category of skilled and sex, 2015*

Kategori kemahiran <i>Category of skills</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <i>Total number of persons engaged during December or the last pay period</i>			Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
<b>Jumlah</b> <i>Total</i>	<b>32,662</b>	<b>27,760</b>	<b>4,902</b>	<b>720,256</b>
<b>Mahir</b> <i>High-skilled</i>	2,495	2,086	409	162,645
<b>Separuh Mahir</b> <i>Semi-skilled</i>	24,638	21,160	3,478	478,456
<b>Kurang Mahir</b> <i>Low-skilled</i>	5,529	4,514	1,015	79,155

**Jadual B18: Bilangan pekerja subsektor ternakan mengikut kategori kemahiran dan negeri, 2015**

*Table B18: Number of persons engaged of livestock sub-sector by category of skilled and states, 2015*

Negeri States	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir Total number of persons engaged during December or the last pay period		
	Mahir High-skilled	Separuh Mahir Semi-skilled	Kurang Mahir Low-skilled
<b>Jumlah Total</b>	<b>2,495</b>	<b>24,638</b>	<b>5,529</b>
<b>Johor</b>	484	5,217	1,778
<b>Kedah</b>	126	793	162
<b>Kelantan</b>	27	54	127
<b>Melaka</b>	252	2,212	790
<b>Negeri Sembilan</b>	148	2,329	285
<b>Pahang</b>	85	727	159
<b>Perak</b>	447	5,518	491
<b>Perlis</b>	2	14	3
<b>Pulau Pinang</b>	155	989	791
<b>Sabah<sup>1</sup></b>	247	2,020	276
<b>Sarawak</b>	198	2,192	267
<b>Selangor</b>	285	2,289	388
<b>Terengganu</b>	39	284	12
<b>W.P. Kuala Lumpur</b>	n.a.	n.a.	n.a.
<b>W.P. Labuan</b>	-	-	-
<b>W.P. Putrajaya</b>	n.a.	n.a.	n.a.

**Nota:<sup>1</sup> Termasuk W.P. Labuan**

*Note: Include W.P. Labuan*

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

*MALAYSIAN STANDARD INDUSTRIAL  
CLASSIFICATION, 2008 Ver. 1.0  
(AGRICULTURE SECTOR)*



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Piawaian Klasifikasi Industri Malaysia, 2008 Ver. 1.0 - Sektor Pertanian  
Malaysia Standard Industrial Classification, 2008 Ver.1.0 - Agriculture Sector

Kumpulan Group	Perkara Item	Keterangan Description	MSIC 2000
011	<b>Penanaman tanaman tidak kekal</b> <i>Growing of non-perennial crops</i>		
	01111	<b>Penanaman jagung</b> <i>Growing of maize</i>	01119p
	01112	<b>Penanaman tanaman kekacang</b> <i>Growing of leguminous crops</i>	01119p
	01113	<b>Penanaman bijian berminyak</b> <i>Growing of oil seeds</i>	01119p
	01119	<b>Penanaman bijirin lain t.t.t.l.</b> <i>Growing of other cereals n.e.c.</i>	01119p
	01120	<b>Penanaman padi</b> <i>Growing of paddy</i>	01111
	01131	<b>Penanaman sayur-sayuran berdaun atau berbatang</b> <i>Growing of leafy or stem vegetables</i>	01121p
	01132	<b>Penanaman sayur-sayuran berbuah</b> <i>Growing of fruits bearing vegetables</i>	01121p
	01133	<b>Penanaman tembikai</b> <i>Growing of melons</i>	01139p
	01134	<b>Penanaman cendawan dan truffles</b> <i>Growing of mushrooms and truffles</i>	01121p
	01135	<b>Penanaman benih sayuran, kecuali benih bit</b> <i>Growing of vegetables seeds, except beet seeds</i>	01121p
	01136	<b>Penanaman sayur-sayuran lain</b> <i>Growing of other vegetables</i>	01121p
	01137	<b>Penanaman ubi gula</b> <i>Growing of sugar beet</i>	01121p
	01138	<b>Penanaman tumbuhan berakar, ubi-ubian, bebawang atau sayur-sayuran berubi</b> <i>Growing of roots, tubers, bulb or tuberous vegetables</i>	01114, 01121p
	01140	<b>Penanaman tebu</b> <i>Growing of sugar cane</i>	01113
	01150	<b>Penanaman tembakau</b> <i>Growing of tobacco</i>	01112
	01160	<b>Penanaman tanaman berserat</b> <i>Growing of fibre crops</i>	01119p
	01191	<b>Penanaman bunga</b> <i>Growing of flowers</i>	01129p
	01192	<b>Penanaman biji benih bunga</b> <i>Growing of flower seeds</i>	01129p

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Kumpulan Group	Perkara Item	Keterangan Description	MSIC 2000
011	<b>Penanaman tanaman tidak kekal</b> <i>Growing of non-perennial crops</i>		
	01193	<b>Penanaman sagu (rumbia)</b> <i>Growing of sago (rumbia)</i>	01119p, 01139p
	01199	<b>Penanaman tanaman bukan kekal lain t.t.t.l.</b> <i>Growing of other non-perennial crops n.e.c.</i>	01119p
012	<b>Penanaman tanaman kekal</b> <i>Growing of perennial crops</i>		
	01210	<b>Penanaman anggur</b> <i>Growing of grapes</i>	01139p
	01221	<b>Penanaman pisang</b> <i>Growing of banana</i>	01135
	01222	<b>Penanaman mangga</b> <i>Growing of mango</i>	01139p
	01223	<b>Penanaman durian</b> <i>Growing of durian</i>	01138
	01224	<b>Penanaman rambutan</b> <i>Growing of rambutan</i>	01139p
	01225	<b>Penanaman buah belimbing</b> <i>Growing of star fruit</i>	01139p
	01226	<b>Penanaman betik</b> <i>Growing of papaya</i>	01139p
	01227	<b>Penanaman nanas</b> <i>Growing of pineapple</i>	01134
	01228	<b>Penanaman buah naga</b> <i>Growing of pitaya (dragon fruit)</i>	01139p
	01229	<b>Penanaman buah-buahan tropika dan subtropika lain t.t.t.l.</b> <i>Growing of other tropical and subtropical fruits n.e.c.</i>	01139p
	01231	<b>Penanaman limau bali</b> <i>Growing of pomelo</i>	01139p
	01232	<b>Penanaman lemon dan limau nipis</b> <i>Growing of lemon and limes</i>	01139p
	01233	<b>Penanaman tangerin dan mandarin</b> <i>Growing of tangerines and mandarin</i>	01139p
	01239	<b>Penanaman buah-buahan sitrus lain t.t.t.l.</b> <i>Growing of other citrus fruits n.e.c.</i>	01139p
	01241	<b>Penanaman jambu batu</b> <i>Growing of guava</i>	01139p
01249	<b>Penanaman buah-buahan delima dan berbiji lain t.t.t.l.</b> <i>Growing of other pome fruits and stones fruits n.e.c.</i>	01139p	

Kumpulan Group	Perkara Item	Keterangan Description	MSIC 2000
012	<b>Penanaman tanaman kekal</b> <i>Growing of perennial crops</i>		
	01251	<b>Penanaman buah beri</b> <i>Growing of berries</i>	01139p
	01252	<b>Penanaman biji benih buah-buahan</b> <i>Growing of fruit seeds</i>	01139p
	01253	<b>Penanaman kacang yang boleh dimakan</b> <i>Growing of edible nuts</i>	01139p
	01259	<b>Penanaman pokok dan buah-buahan bertandan lain</b> <i>Growing of other tree and bush fruits</i>	01139p
	01261	<b>Penanaman kelapa sawit (estet)</b> <i>Growing of oil palm (estate)</i>	01117
	01262	<b>Penanaman kelapa sawit (kebun kecil)</b> <i>Growing of oil palm (smallholdings)</i>	01118
	01263	<b>Penanaman kelapa (estet dan kebun kecil)</b> <i>Growing of coconut (estate and smallholdings)</i>	01137
	01269	<b>Penanaman buah-buahan lain untuk minyak t.t.t.l.</b> <i>Growing of other oleaginous fruits n.e.c.</i>	01119p
	01271	<b>Penanaman kopi</b> <i>Growing of coffee</i>	01133
	01272	<b>Penanaman teh</b> <i>Growing of tea</i>	01132
	01273	<b>Penanaman koko</b> <i>Growing of cocoa</i>	01131
	01279	<b>Penanaman tanaman minuman lain t.t.t.l.</b> <i>Growing of other beverage crops n.e.c.</i>	01139p
	01281	<b>Penanaman lada hitam (piper nigrum)</b> <i>Growing of pepper (piper nigrum)</i>	01136
	01282	<b>Penanaman cili dan lada (lada benggala spp.)</b> <i>Growing of chilies and pepper (capsicum spp.)</i>	01121p
	01283	<b>Penanaman buah pala</b> <i>Growing of nutmeg</i>	01119p
	01284	<b>Penanaman halia</b> <i>Growing of ginger</i>	01119p
	01285	<b>Penanaman tanaman yang digunakan terutamanya untuk penghasilan minyak wangi, untuk farmasi atau untuk racun serangga, kulat atau untuk tujuan yang seumpamanya</b> <i>Growing of plants used primarily in perfumery, in pharmacy or for insecticidal, fungicidal or similar purposes</i>	01139p

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Kumpulan Group	Perkara Item	Keterangan Description	MSIC 2000
012	<b>Penanaman tanaman kekal</b> <i>Growing of perennial crops</i>		
	01289	<b>Penanaman tanaman rempah ratus dan aromatik lain t.t.t.l.</b> <i>Growing of other spices and aromatic crops n.e.c.</i>	01119p
	01291	<b>Penanaman pokok getah (estet)</b> <i>Growing of rubber trees (estate)</i>	01115
	01292	<b>Penanaman pokok getah (kebun kecil)</b> <i>Growing of rubber trees (smallholdings)</i>	01116
	01293	<b>Penanaman pokok untuk pengekstrakan sap</b> <i>Growing of trees for extraction of sap</i>	01139p
	01294	<b>Penanaman pokok nipah</b> <i>Growing of nipa palm</i>	01139p
	01295	<b>Penanaman pokok pinang</b> <i>Growing of areca</i>	01139p
	01296	<b>Penanaman pokok roselle</b> <i>Growing of roselle</i>	01139p
01299	<b>Penanaman tanaman kekal lain t.t.t.l.</b> <i>Growing of other perennial crops n.e.c.</i>	01139p	
013	<b>Pembiakan tumbuhan</b> <i>Plant propagation</i>		
	01301	<b>Penanaman tumbuhan sebagai tanaman</b> <i>Growing of plants for planting</i>	01129p 02009p
	01302	<b>Penanaman tumbuhan untuk tujuan hiasan</b> <i>Growing of plants for ornamental purposes</i>	01129p
	01303	<b>Penanaman tumbuhan untuk bebawang, ubi dan akar; keratan dan slips; cendawan</b> <i>Growing of live plants for bulbs, tubers and roots; cuttings and slips; mushroom spawn</i>	01121p
	01304	<b>Operasi tapak semaian pokok (nurseries)</b> <i>Operation of tree nurseries</i>	01129p, 02009p
014	<b>Pengeluaran ternakan</b> <i>Animal production</i>		
	01411	<b>Penternakan, pembiakan dan pengeluaran lembu atau kerbau</b> <i>Raising, breeding and production of cattle or buffaloes</i>	01211p 01219p
	01412	<b>Pengeluaran susu mentah daripada lembu atau kerbau</b> <i>Production of raw milk from cows or buffaloes</i>	01211p
	01413	<b>Pengeluaran air mani lembu</b> <i>Production of bovine semen</i>	01211p



Kumpulan Group	Perkara Item	Keterangan Description	MSIC 2000
014	<b>Pengeluaran ternakan</b> <i>Animal production</i>		
	01420	<b>Penternakan dan pembiakan kuda, keldai baghal atau hinnes</b> <i>Raising and breeding of horses, asses, mules or hinnes</i>	01219p
	01430	<b>Penternakan dan pembiakan unta (<i>dromedary</i>) dan <i>camelid</i></b> <i>Raising and breeding of camels (dromedary) and camelids</i>	01219p
	01441	<b>Penternakan, pembiakan dan pengeluaran biri-biri dan kambing</b> <i>Raising, breeding and production of sheep and goats</i>	01219p
	01442	<b>Pengeluaran susu mentah biri-biri atau kambing</b> <i>Production of raw sheep or goat's milk</i>	01219p
	01443	<b>Pengeluaran bulu belum proses</b> <i>Production of raw wool</i>	01219p
	01450	<b>Penternakan, pembiakan dan pengeluaran babi</b> <i>Raising, breeding and production of swine/pigs</i>	01213
	01461	<b>Penternakan, pembiakan dan pengeluaran ayam, ayam daging</b> <i>Raising, breeding and production of chicken, broiler</i>	01212p
	01462	<b>Penternakan, pembiakan dan pengeluaran itik</b> <i>Raising, breeding and production of ducks</i>	01212p
	01463	<b>Penternakan, pembiakan dan pengeluaran angsa</b> <i>Raising, breeding and production of geese</i>	01212p
	01464	<b>Penternakan, pembiakan dan pengeluaran burung puyuh</b> <i>Raising, breeding and production of quails</i>	01212p
	01465	<b>Penternakan dan pembiakan unggas lain t.t.t.l.</b> <i>Raising and breeding of other poultry n.e.c.</i>	01212p
	01466	<b>Pengeluaran telur ayam</b> <i>Production of chicken eggs</i>	01212p
	01467	<b>Pengeluaran telur itik</b> <i>Production of duck eggs</i>	01212p
	01468	<b>Pengeluaran telur unggas lain t.t.t.l</b> <i>Production of other poultry eggs n.e.c</i>	01212p
	01469	<b>Operasi penetasan unggas</b> <i>Operation of poultry hatcheries</i>	01212p
	01491	<b>Penternakan, pembiakan dan pengeluaran haiwan separuh jinak</b> <i>Raising, breeding and production semi-domesticated</i>	01219p
	01492	<b>Pengeluaran kulit berbulu, kulit burung atau reptilia dari operasi ladang ternakan</b> <i>Production of fur skin, reptiles or bird's skin from ranching operation</i>	01219p

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Kumpulan Group	Perkara Item	Keterangan Description	MSIC 2000
<b>014</b>	<b>Pengeluaran ternakan</b> <i>Animal production</i>		
	01493	<b>Operasi ternakan cacing, moluska, siput</b> <i>Operation of worm farms, land mollusc farms, snail farms</i>	01219p
	01494	<b>Penternakan ulat sutera dan pengeluaran hasil kepompong ulat sutera</b> <i>Raising of silk worms and production of silk worm cocoons</i>	01219p
	01495	<b>Penternakan lebah dan pengeluaran hasil madu dan lilin lebah</b> <i>Bee keeping and production of honey and beeswax</i>	01219p
	01496	<b>Penternakan dan pembiakan haiwan peliharaan</b> <i>Raising and breeding of pet animals</i>	01219p
	01497	<b>Penternakan dan pembiakan burung walit</b> <i>Raising and breeding of swiftlet</i>	01219p
	01499	<b>Penternakan pelbagai/haiwan lain t.t.t.l.</b> <i>Raising of diverse/other animals n.e.c</i>	01219p
<b>015</b>	<b>Pertanian campuran</b> <i>Mixed farming</i>		
	01500	<b>Pertanian campuran</b> <i>Mixed farming</i>	01300
<b>016</b>	<b>Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian</b> <i>Support activities to agriculture and post-harvest crops activities</i>		
	01610	<b>Aktiviti pertanian untuk pengeluaran tanaman berasaskan yuran atau kontrak</b> <i>Agricultural activities for crops production on a fee or contract basis</i>	01400p
	01620	<b>Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak</b> <i>Agriculture activities for animal production on a fee or contract basis</i>	01400p, 28920p
	01631	<b>Penyediaan tanaman untuk pasaran utama</b> <i>Preparation of crops for primary markets</i>	01400p
	01632	<b>Penyediaan daun tembakau</b> <i>Preparation of tobacco leaves</i>	01112p, 01400p
	01633	<b>Penyediaan biji koko</b> <i>Preparation of cocoa beans</i>	01400p
	01634	<b>Menjemur sayur-sayuran dan buah-buahan</b> <i>Sun-drying of fruits and vegetables</i>	01400p
	01640	<b>Pemprosesan benih untuk pembiakan</b> <i>Seed processing for propagation</i>	01400p

Kumpulan Group	Perkara Item	Keterangan Description	MSIC 2000
<b>021</b>	<b>Silvikultur dan aktiviti perhutanan lain</b> <i>Silviculture and other forestry activities</i>		
	02101	<b>Penanaman, penanaman semula, pemindahan, pengurusan dan pemuliharaan hutan serta kawasan lapang</b> <i>Planting, replanting, transplanting, thinning and conserving of forests and timber tracts</i>	02009p
	02102	<b>Penanaman untuk tunas semula, kayu pulpa dan kayu api</b> <i>Growing of coppice, pulpwood and fire wood</i>	02009p
	02103	<b>Operasi tapak semaian pokok hutan</b> <i>Operation of forest tree nurseries</i>	02009p
	02104	<b>Pengumpulan dan pemeliharaan hutan liar (spesis pokok hutan paya gambut)</b> <i>Collection and raising of wildings (peat swamp forest tree species)</i>	02009p
	02105	<b>Ladang hutan</b> <i>Forest plantation</i>	02009p
<b>022</b>	<b>Pembalakan</b> <i>Logging</i>		
	02201	<b>Pengeluaran kayu balak untuk industri berasaskan kayu</b> <i>Production of round wood for forest-based manufacturing industries</i>	02001p
	02202	<b>Pengeluaran kayu balak yang digunakan dalam bentuk belum proses</b> <i>Production of round wood used in an unprocessed form</i>	02001p
	02203	<b>Pengeluaran arang kayu dalam hutan (menggunakan kaedah tradisional)</b> <i>Production of charcoal in the forest (using traditional methods)</i>	02003
	02204	<b>Pembalakan kayu getah</b> <i>Rubber wood logging</i>	02006
<b>023</b>	<b>Pengumpulan produk hutan bukan kayu</b> <i>Gathering of non-wood forest products</i>		
	02301	<b>Pengumpulan rotan, buluh</b> <i>Collection of rattan, bamboo</i>	02002p
	02302	<b>Pemungutan sarang burung</b> <i>Bird's nest collection</i>	02005
	02303	<b>Pengumpulan pokok sago liar</b> <i>Wild sago palm collection</i>	02004
	02309	<b>Pengumpulan produk hutan bukan kayu t.t.t.l.</b> <i>Gathering of non-wood forest products n.e.c.</i>	02002p

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Kumpulan Group	Perkara Item	Keterangan Description	MSIC 2000
024	<b>Perkhidmatan sokongan perhutanan</b> <i>Support services to forestry</i>		
	02401	<b>Menjalankan sebahagian operasi perhutanan dan ladang hutan berdasarkan bayaran atau secara kontrak untuk aktiviti perkhidmatan perhutanan</b> <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	<b>Menjalankan sebahagian operasi perhutanan berdasarkan bayaran atau secara kontrak untuk aktiviti perkhidmatan pembalakan</b> <i>Carrying out part of the forestry operation on a fee or contract basis for logging service activities</i>	02009p
031	<b>Perikanan</b> <i>Fisheries</i>		
	03111	<b>Perikanan komersil di laut dan perairan pantai</b> <i>Fishing on a commercial basis in ocean and coastal waters</i>	05001p
	03112	<b>Pemungutan krustasia dan moluska laut</b> <i>Collection of marine crustaceans and molluscs</i>	05001p
	03113	<b>Pengambilan haiwan akuatik : sea squirts, tunikat, landak laut</b> <i>Taking of aquatic animals: sea squirts, tunicates, sea urchins</i>	05001p
	03114	<b>Aktiviti atas vessel yang melibatkan penangkapan, pemprosesan dan pengawetan ikan</b> <i>Activities of vessels engaged both in fishing and in processing and preserving of fish</i>	05001p
	03115	<b>Pengumpulan organisma perikanan dan hasil laut lain (tiram semulajadi, span, batu karang dan alga)</b> <i>Gathering of other marine organisms and materials (natural pearls, sponges, coral and algae)</i>	05001p
	03119	<b>Perikanan laut t.t.t.l</b> <i>Marine fishing n.e.c</i>	05009p
	03121	<b>Perikanan komersil di darat</b> <i>Fishing on a commercial basis in inland waters</i>	05002p
	03122	<b>Pengambilan krustasia dan moluska air tawar</b> <i>Taking of freshwater crustaceans and molluscs</i>	05002p
	03123	<b>Pengambilan haiwan akuatik air tawar</b> <i>Taking of freshwater aquatic animals</i>	05002p
03124	<b>Pengumpulan flora dan fauna air tawar</b> <i>Gathering of freshwater flora and fauna</i>	05002p	

Kumpulan Group	Perkara Item	Keterangan Description	MSIC 2000
	03129	<b>Perikanan ikan air tawar t.t.t.l</b> <i>Freshwater fishing n.e.c.</i>	05009p
<b>032</b>	<b>Akuakultur</b> <i>Aquaculture</i>		
	03211	<b>Ternakan ikan di laut</b> <i>Fish farming in sea water</i>	05003p
	03212	<b>Pengeluaran dwi-cangkerang spat (tiram, kupang), anak udang kara, anak udang dan benih ikan</b> <i>Production of bivalve spat (oyster, mussel), lobster lings, shrimp post-larvae, fish fry and fingerlings</i>	05003p
	03213	<b>Penanaman rumpai merah dan rumpai laut lain yang boleh dimakan</b> <i>Growing of laver and other edible seaweeds</i>	05003p
	03214	<b>Pengkulturan krustasia, dwi-cengkerang, moluska dan haiwan akuatik lain di laut</b> <i>Culture of crustaceans, bivalves, other molluscs and other aquatic animals in sea water</i>	05003p
	03215	<b>Aktiviti akuakultur air payau</b> <i>Aquaculture activities in brackish water</i>	05003p
	03216	<b>Aktiviti akuakultur di dalam tangki air atau takungan masin</b> <i>Aquaculture activities in salt water filled tanks or reservoirs</i>	05003p
	03217	<b>Operasi penetasan anak benih (laut)</b> <i>Operation of hatcheries (marine)</i>	05003p
	03218	<b>Operasi ladang ternakan cacing laut untuk makanan ikan</b> <i>Operation of marine worm farms for fish feed</i>	05003p
	03219	<b>Akuakultur laut t.t.t.l.</b> <i>Marine aquaculture n.e.c.</i>	05009p
	03221	<b>Ternakan ikan air tawar</b> <i>Fish farming in freshwater</i>	05003p
	03222	<b>Ternakan udang air tawar</b> <i>Shrimp farming in freshwater</i>	05003p
	03223	<b>Pengkulturan krustasia, dwi-cengkerang, moluska dan haiwan akuatik lain di air tawar</b> <i>Culture of freshwater crustaceans, bivalves, other molluscs and other aquatic animals</i>	05003p
	03224	<b>Operasi penetasan anak benih (air tawar)</b> <i>Operation of hatcheries (freshwater)</i>	05003p

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Kumpulan Group	Perkara Item	Keterangan Description	MSIC 2000
<b>032</b>	<b>Akuakultur</b> <i>Aquaculture</i>		
	03225	<b>Penternakan katak</b> <i>Farming of frogs</i>	01219p
	03229	<b>Akuakultur air tawar t.t.t.l.</b> <i>Freshwater aquaculture n.e.c.</i>	05009p

**PENERBITAN INI BOLEH JUGA DIPEROLEH DI JABATAN PERANGKAAAN NEGERI SEPERTI BERIKUT:**

*THIS PUBLICATION IS ALSO AVAILABLE AT THE FOLLOWING STATES DEPARTMENT OF STATISTICS:*

Pengarah,  
Jabatan Perangkaan Malaysia Negeri Johor,  
Tingkat 14, Menara Tabung Haji,  
Jalan Air Molek,  
80000 Johor Bahru, Johor.  
Tel : 07 - 225 3700  
Faks : 07 - 224 9972  
E-mel : jppjohor@stats.gov.my

Pengarah,  
Jabatan Perangkaan Malaysia Negeri Perak,  
Tingkat 3, Blok A, Bangunan Persekutuan Ipoh,  
Jalan Dato' Seri Ahmad Said (Greentown)  
30450 Ipoh, Perak  
Tel : 05 - 255 4963  
Faks : 05 - 255 1073  
E-mel : jpperak@stats.gov.my

Pengarah,  
Jabatan Perangkaan Malaysia Negeri Kedah,  
Aras 1, Zon C, Wisma Persekutuan,  
Pusat Pentadbiran Kerajaan Persekutuan,  
Bandar Muadzam Shah,  
06550 Anak Bukit, Alor Setar, Kedah  
Tel : 04 - 700 1240  
Faks : 04 - 733 8412  
E-mel : jpkedah@stats.gov.my

Pengarah,  
Jabatan Perangkaan Malaysia Negeri Perlis,  
Tingkat 1, Bangunan Perodua Kangar,  
No. 2, Persiaran Jubli Perak,  
01000 Kangar,  
Perlis  
Tel : 04 - 976 7381  
Faks : 04 - 976 8950  
E-mel : jpperlis@stats.gov.my

Pengarah,  
Jabatan Perangkaan Malaysia Negeri Kelantan,  
Tingkat 8, Bangunan Persekutuan,  
Jalan Bayam,  
15514 Kota Bharu, Kelantan.  
Tel : 09 - 7419449  
Faks : 09 - 7482142  
E-mel : jpkelantan@stats.gov.my

Pengarah,  
Jabatan Perangkaan Malaysia Negeri Selangor,  
Tingkat 9, Bangunan Darul Ehsan,  
Jalan Indah, Seksyen 14,  
40000 Shah Alam, Selangor  
Tel : 03 - 5515 0200  
Faks : 03 - 5518 0408  
E-mel : jpselangor@stats.gov.my

Pengarah,  
Jabatan Perangkaan Malaysia Negeri Melaka,  
Aras 7 & 8, Wisma Persekutuan,  
Jalan MITC, Hang Tuah Jaya,  
75450 Ayer Keroh, Melaka.  
Tel : 06 - 252 2725  
Faks : 06 - 252 2711  
E-mel : jpmelaka@stats.gov.my

Pengarah,  
Jabatan Perangkaan Malaysia Negeri Terengganu,  
Tingkat 9, Wisma Persekutuan,  
Jalan Sultan Ismail,  
20200 Kuala Terengganu, Terengganu.  
Tel : 09 - 622 3062  
Faks : 09 - 622 9659  
E-mel : jpterengganu@stats.gov.my

Pengarah,  
Jabatan Perangkaan Malaysia Negeri Sembilan,  
Tingkat 12, Wisma Persekutuan,  
Jalan Dato' Abdul Kadir,  
70000 Seremban, Negeri Sembilan.  
Tel : 06 - 765 5000  
Faks : 06 - 765 5002  
E-mel : jpnsembilan@stats.gov.my

Pengarah,  
Jabatan Perangkaan Malaysia Negeri Sabah,  
Tingkat 1-3, Blok C, Kompleks Pentadbiran  
Kerajaan Persekutuan Sabah, Jalan UMS,  
Beg Berkunci No. 2046, 88999 Kota Kinabalu, Sabah.  
Tel : 088 - 484 602  
Faks : 088 - 484 659  
E-mel : jpsabah@stats.gov.my

Pengarah,  
Jabatan Perangkaan Malaysia Negeri Pahang,  
Tingkat 7, Bangunan Persekutuan,  
Jalan Gambut,  
25000 Kuantan, Pahang.  
Tel : 09 - 516 3931/7  
Faks : 09 - 514 4636  
E-mel : jppahang@stats.gov.my

Pengarah,  
Jabatan Perangkaan Malaysia Negeri Sarawak,  
Tingkat 7 & 8, Bangunan Tun Datuk Patinggi  
Tuanku Haji Bujang, Jalan Simpang Tiga,  
93514 Kuching, Sarawak.  
Tel : 082 - 240 287  
Faks : 082 - 242 609  
E-mel : jpsarawak@stats.gov.my

Pengarah,  
Jabatan Perangkaan Malaysia Negeri Pulau Pinang,  
Tingkat 6, Bangunan Persekutuan,  
10400, Jalan Anson,  
Pulau Pinang.  
Tel : 04 - 226 6244  
Faks : 04 - 229 9499  
E-mel : jpppinang@stats.gov.my

Pengarah,  
Jabatan Perangkaan Malaysia  
Wilayah Persekutuan,  
Tingkat 14 & 15, Wisma Sime Darby,  
Jalan Raja Laut,  
50350 Kuala Lumpur.  
Tel : 03 - 2267 2400  
Faks : 03 - 2274 5075  
E-mel : jwpkl@stats.gov.my