

MALAYSIA

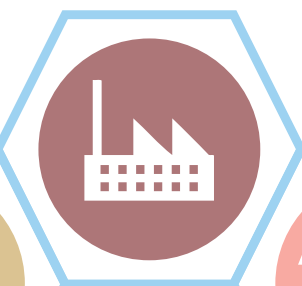
BANCI EKONOMI *ECONOMIC CENSUS* **2016**

TERNAKAN *LIVESTOCK*

PERTANIAN
AGRICULTURE



PEMBUATAN
MANUFACTURING



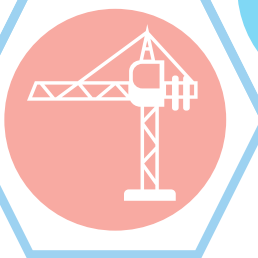
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JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS, MALAYSIA



MALAYSIA

BANCI EKONOMI *ECONOMIC CENSUS*

2016

TERNAKAN
LIVESTOCK



JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS, MALAYSIA

Diterbitkan oleh:

Jabatan Perangkaan 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 kepada semua pihak yang terlibat secara langsung dan tidak langsung dalam merealisasikan penerbitan Banci Ekonomi 2016 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.

Department expressed gratitude to those who have contributed directly and indirectly to this Economic Census 2016 publication. 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*

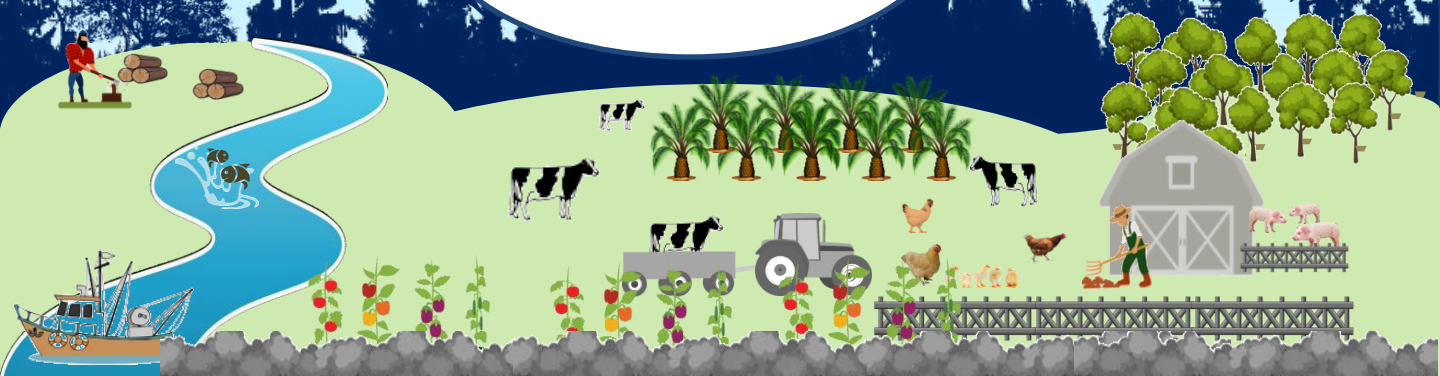


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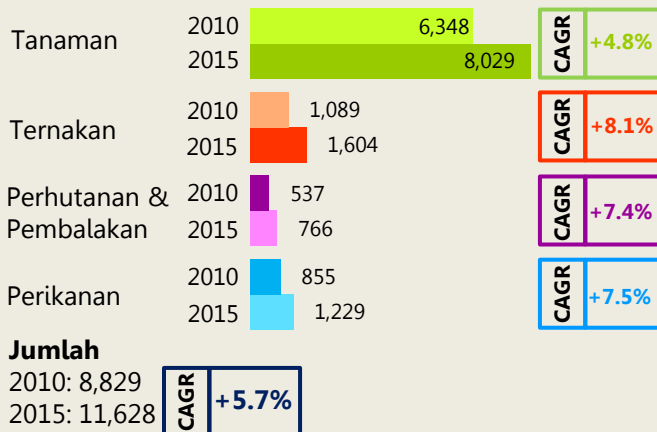


BANCI EKONOMI 2016

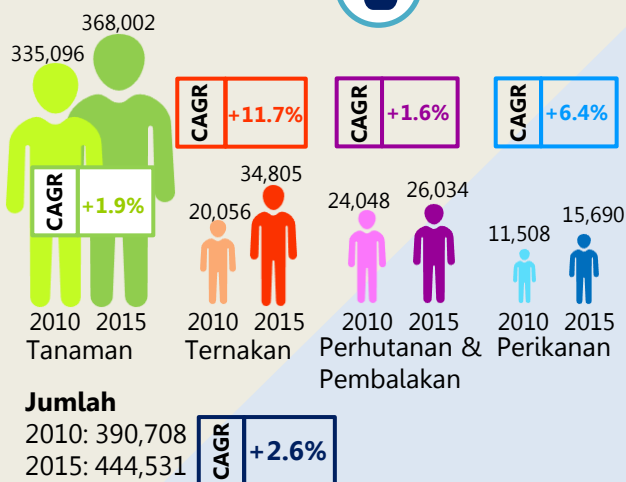
SEKTOR PERTANIAN



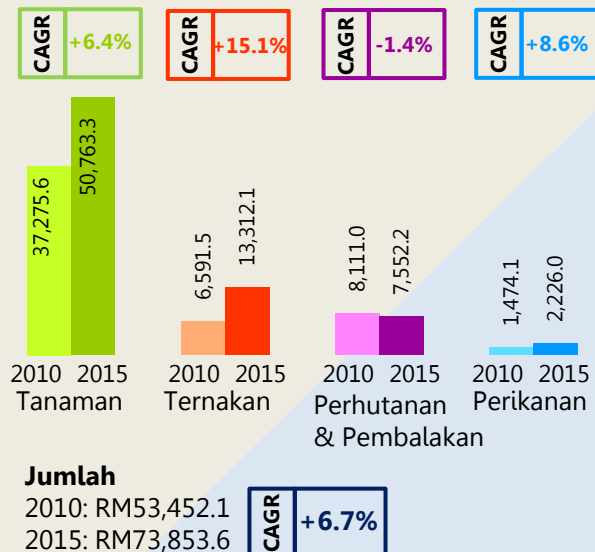
Bilangan pertubuhan



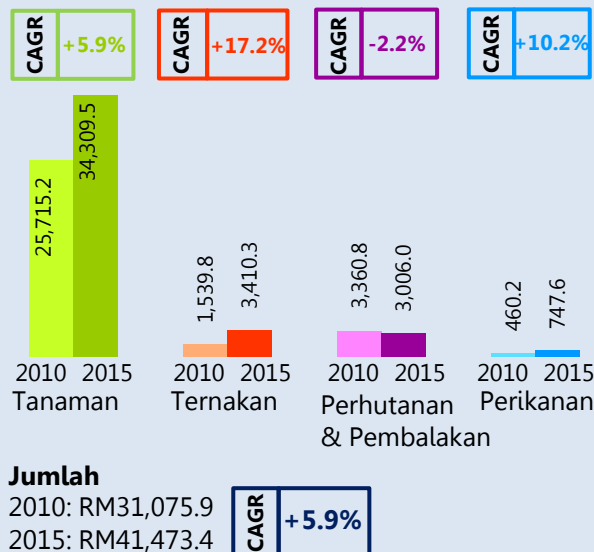
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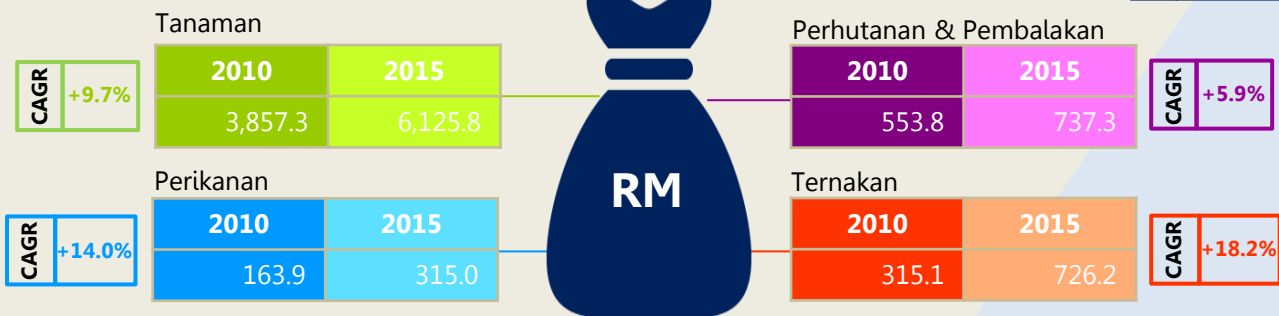
Output kasar (RM juta)



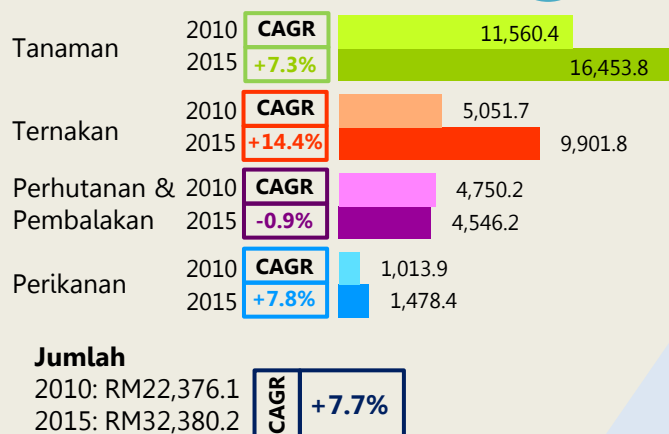
Nilai ditambah (RM juta)



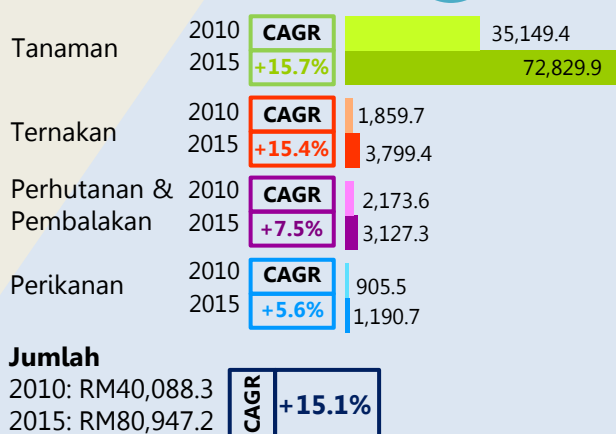
Gaji & Upah (RM juta)



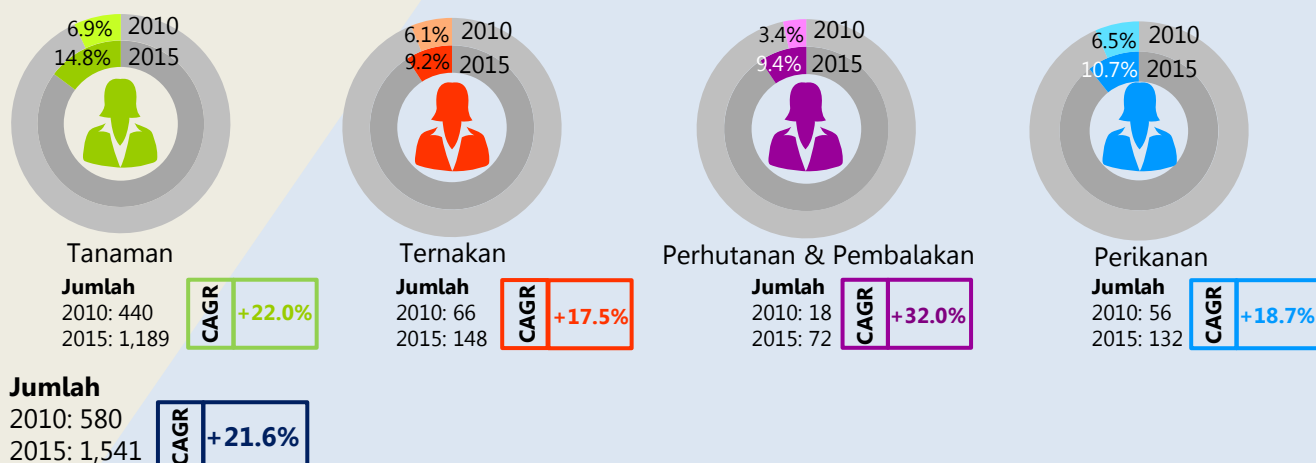
Input perantaraan (RM juta)



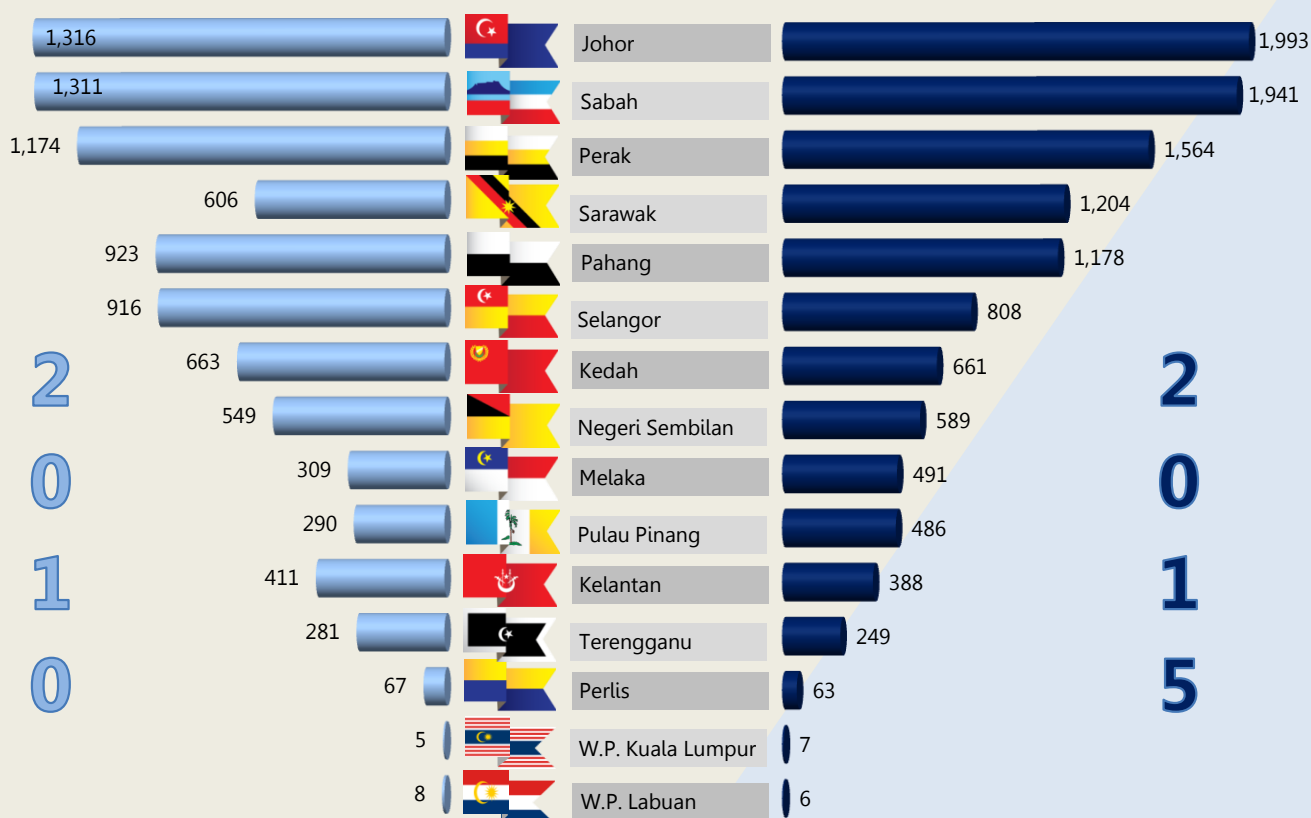
Harta tetap (RM juta)



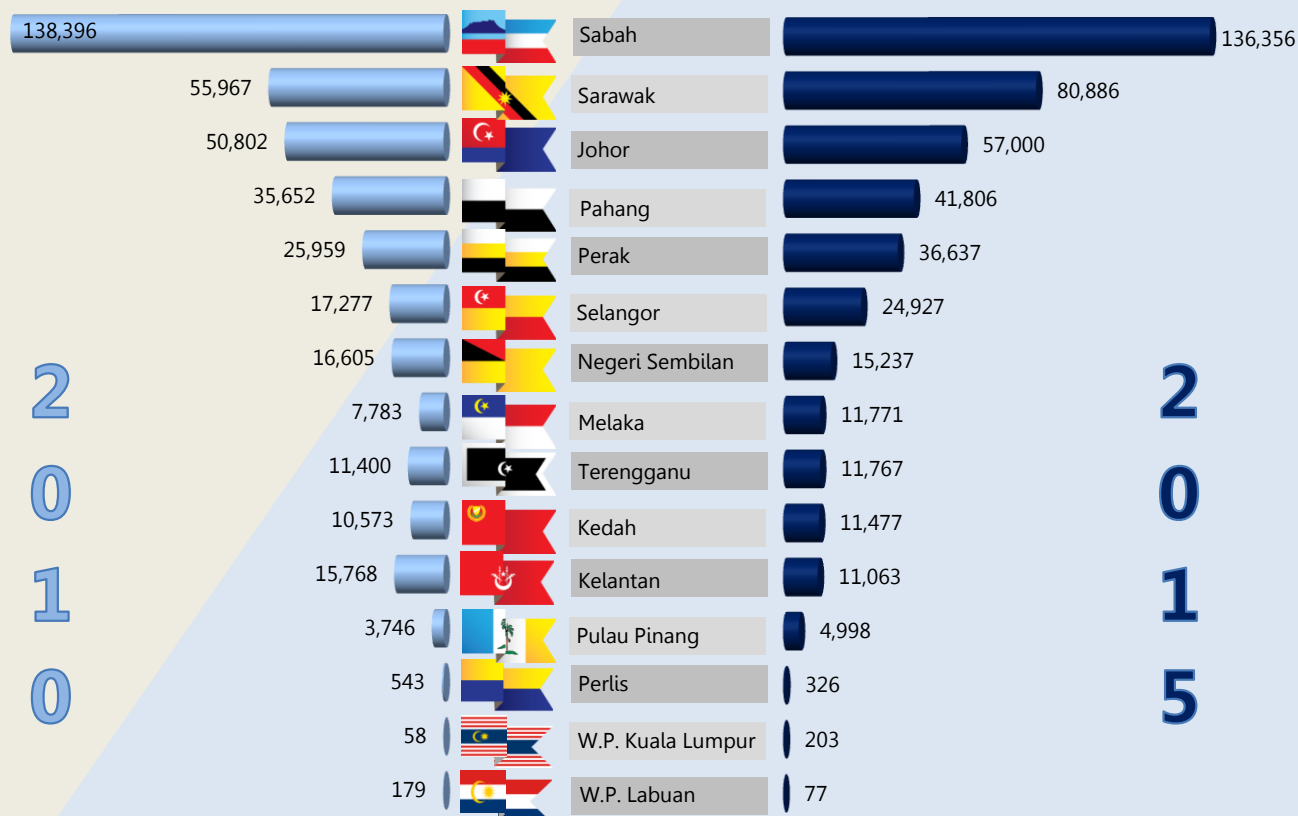
Pertubuhan milikan wanita



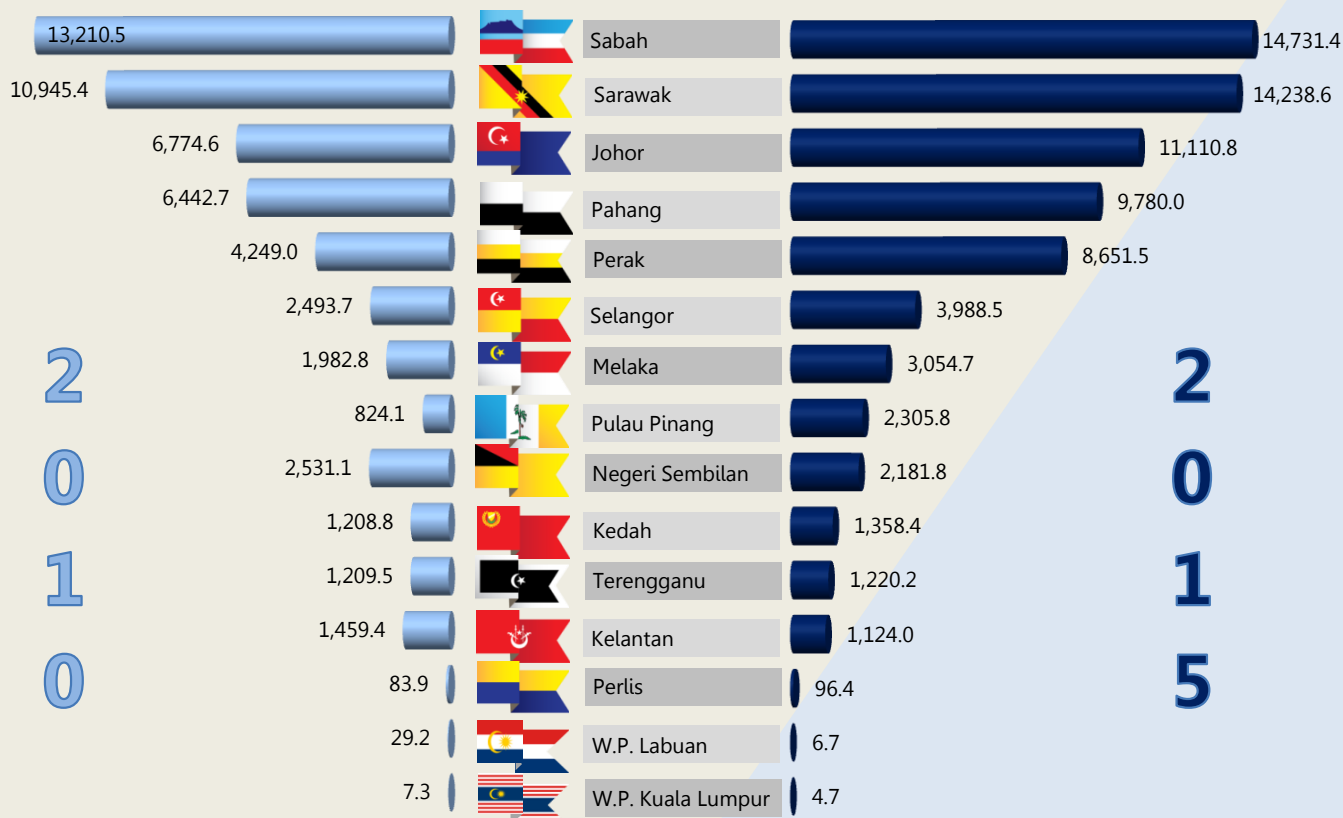
Bilangan pertubuhan



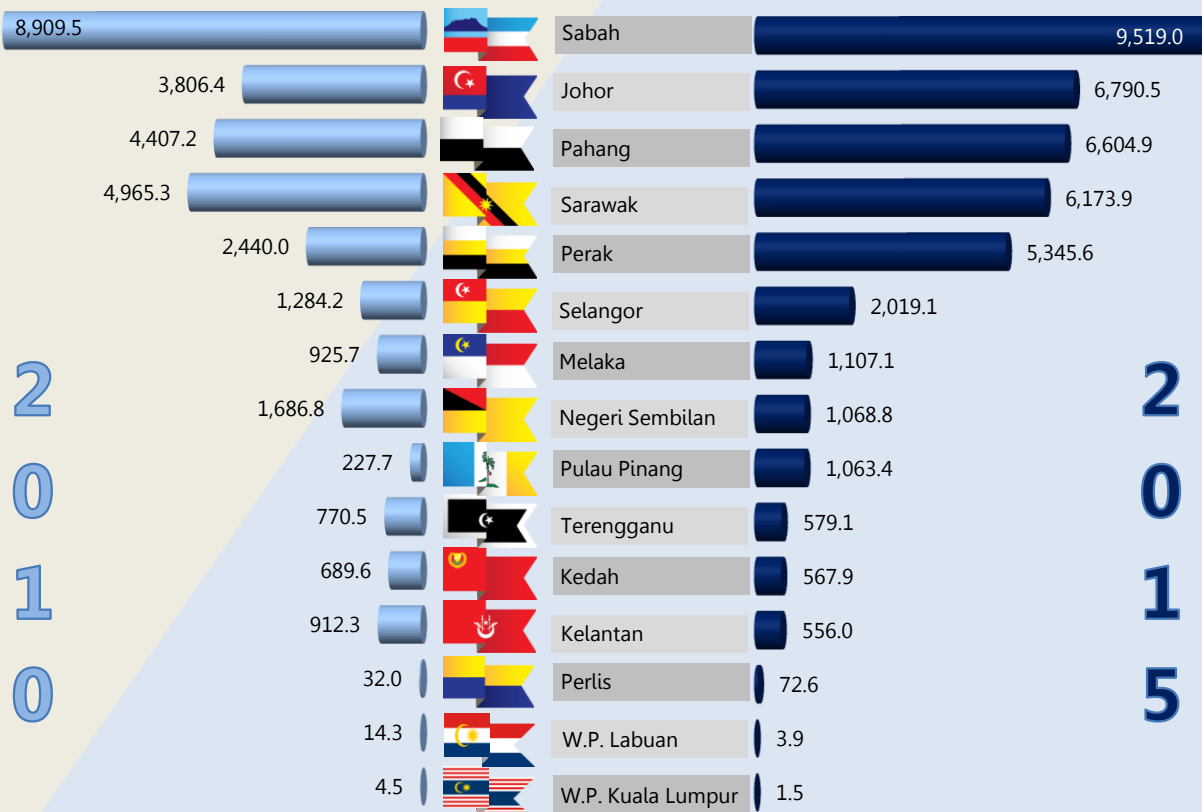
Bilangan pekerja



Output kasar (RM juta)



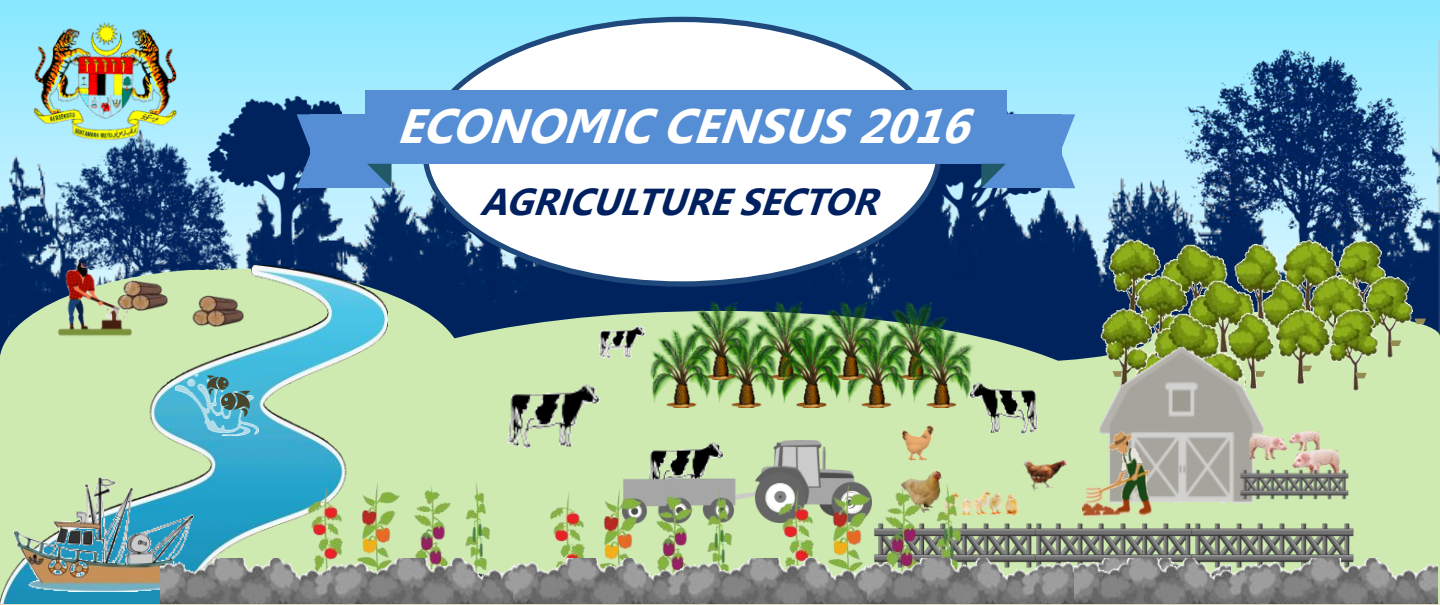
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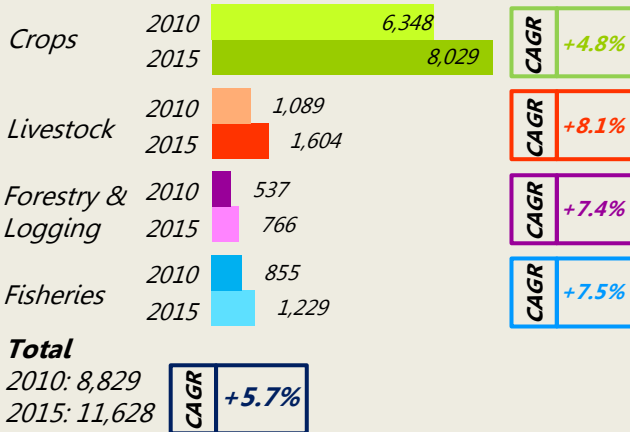


ECONOMIC CENSUS 2016

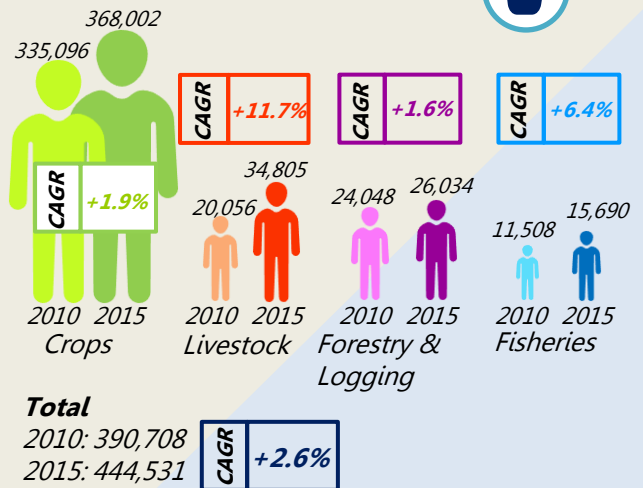
AGRICULTURE SECTOR



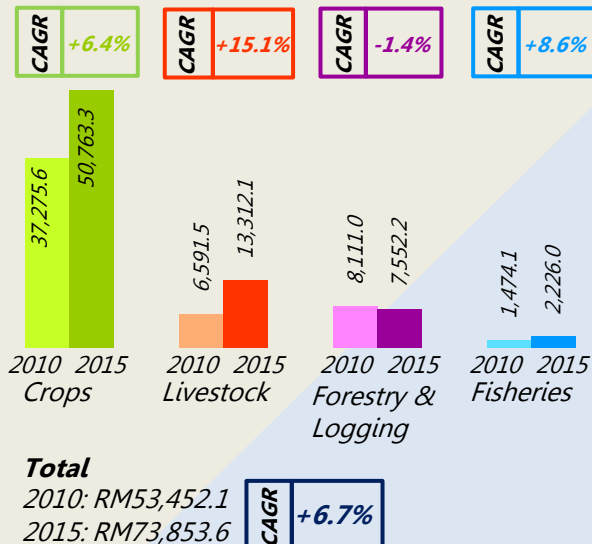
Number of establishment



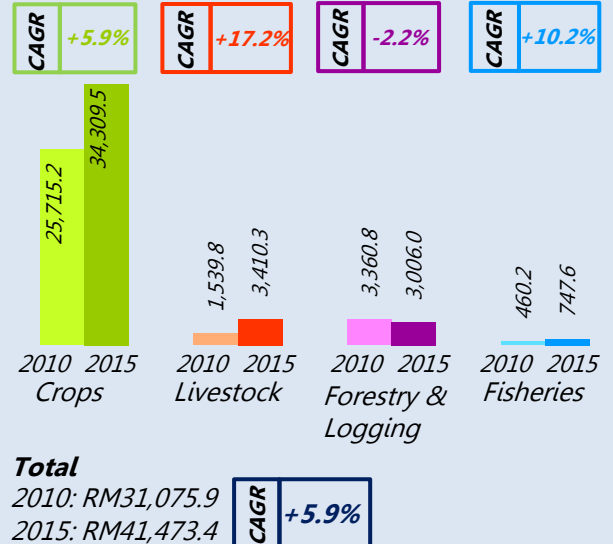
Number of persons engaged



Gross output (RM million)



Value added (RM million)



Salaries & wages (RM million)



Total

2010: RM4,890.0

2015: RM7,904.3

CAGR **+10.1%**

Crops

CAGR **+9.7%**

	2010	2015
	3,857.3	6,125.8

Fisheries

CAGR **+14.0%**

	2010	2015
	163.9	315.0

Forestry & Logging

CAGR **+5.9%**

	2010	2015
	553.8	737.3

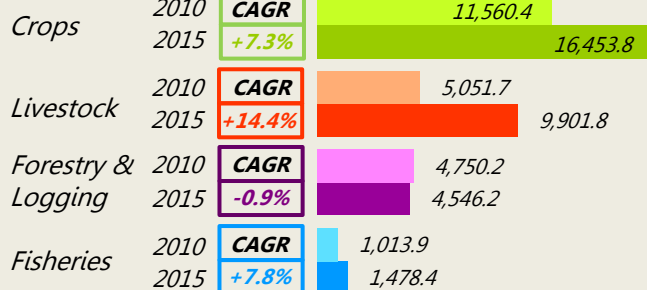
Livestock

CAGR **+18.2%**

	2010	2015
	315.1	726.2



Intermediate input (RM million)



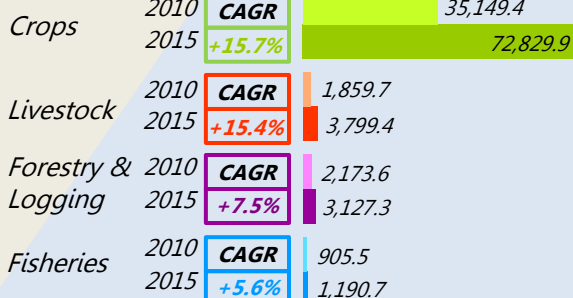
Total

2010: RM22,376.1

2015: RM32,380.2

CAGR **+7.7%**

Fixed assets (RM million)



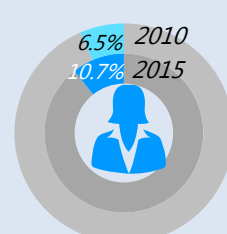
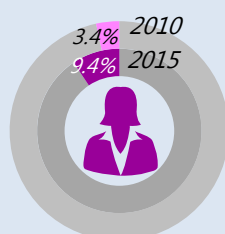
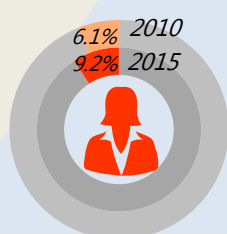
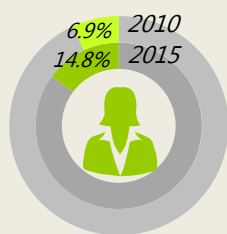
Total

2010: RM40,088.3

2015: RM80,947.2

CAGR **+15.1%**

Women-owned establishment



Crops

Livestock

Forestry & Logging

Fisheries

Total

2010: 440

2015: 1,189

CAGR **+22.0%**

Total

2010: 66

2015: 148

CAGR **+17.5%**

Total

2010: 18

2015: 72

CAGR **+32.0%**

Total

2010: 56

2015: 132

CAGR **+18.7%**

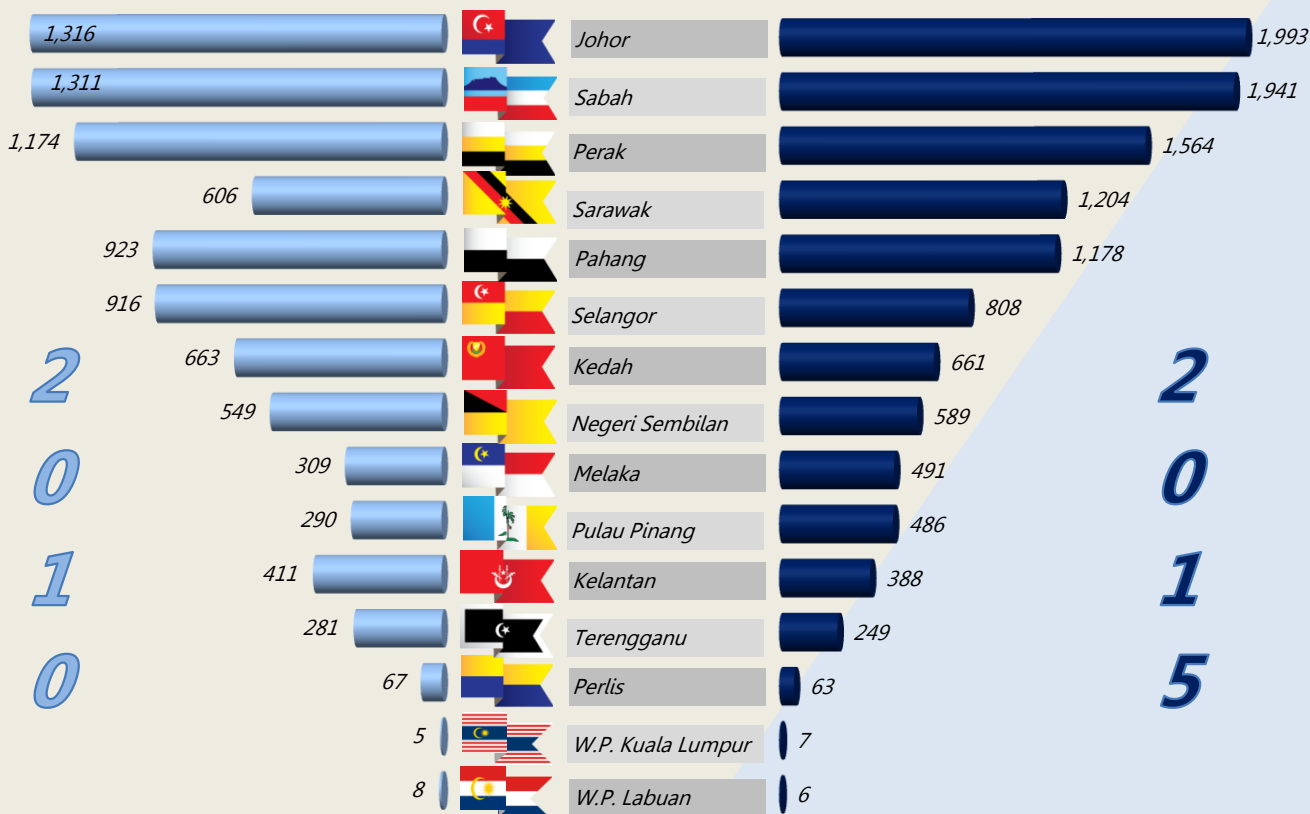
Total

2010: 580

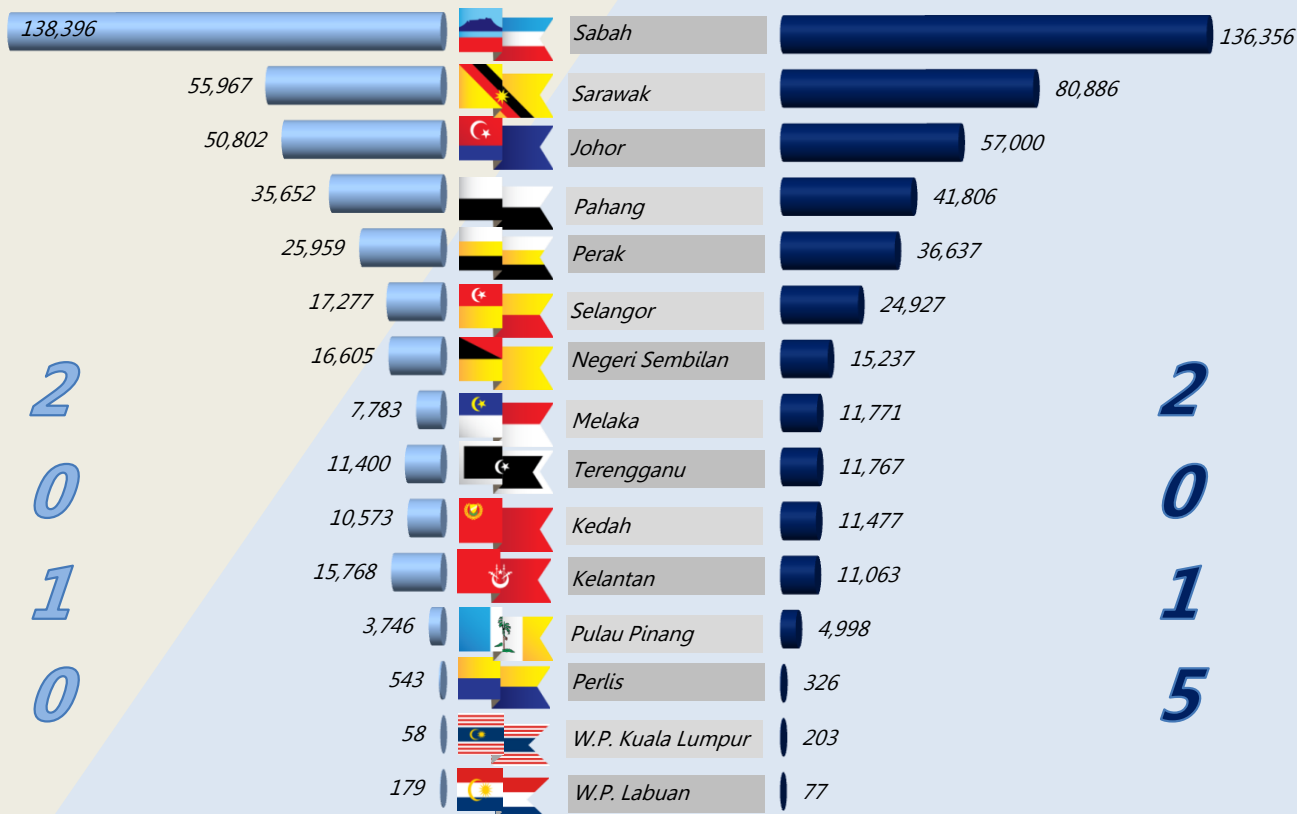
2015: 1,541

CAGR **+21.6%**

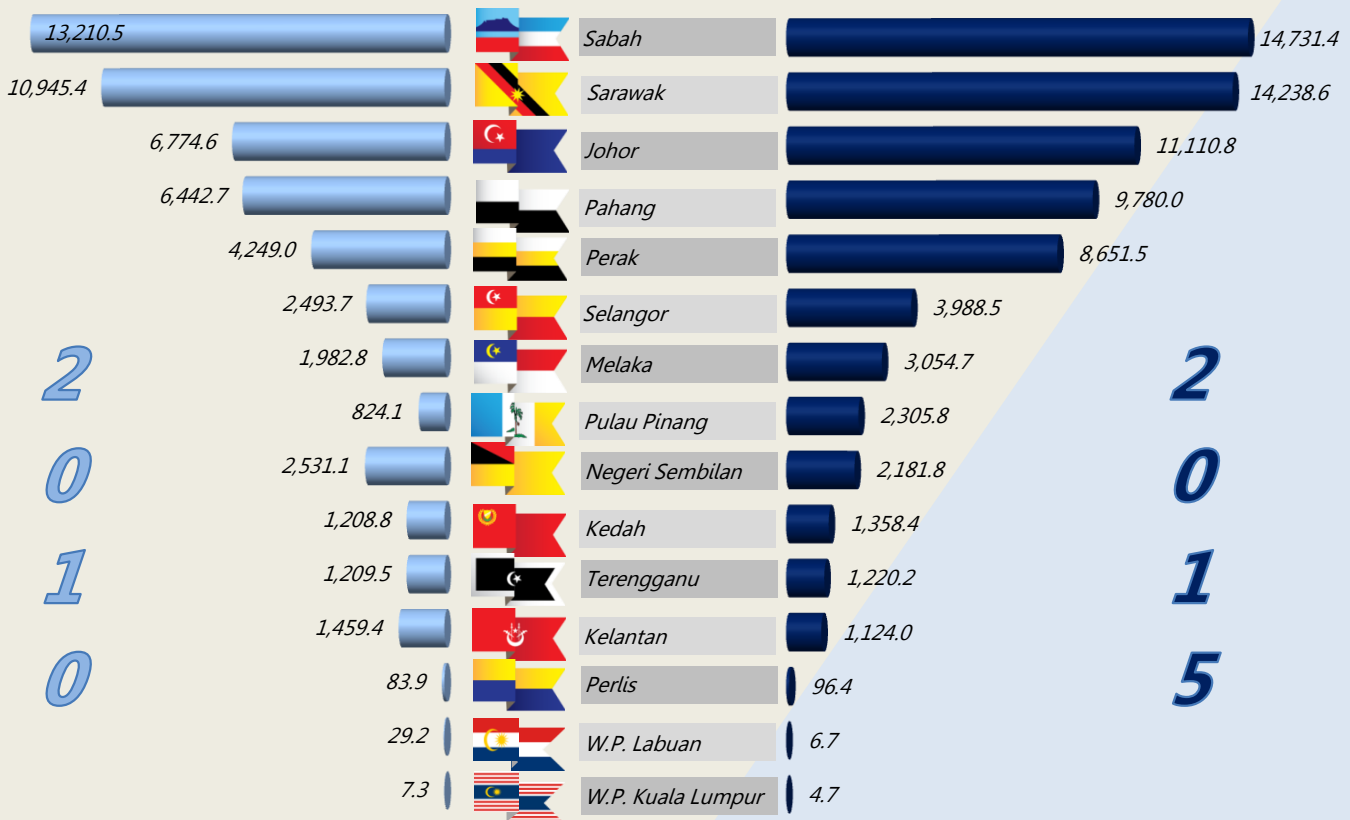
Number of establishment



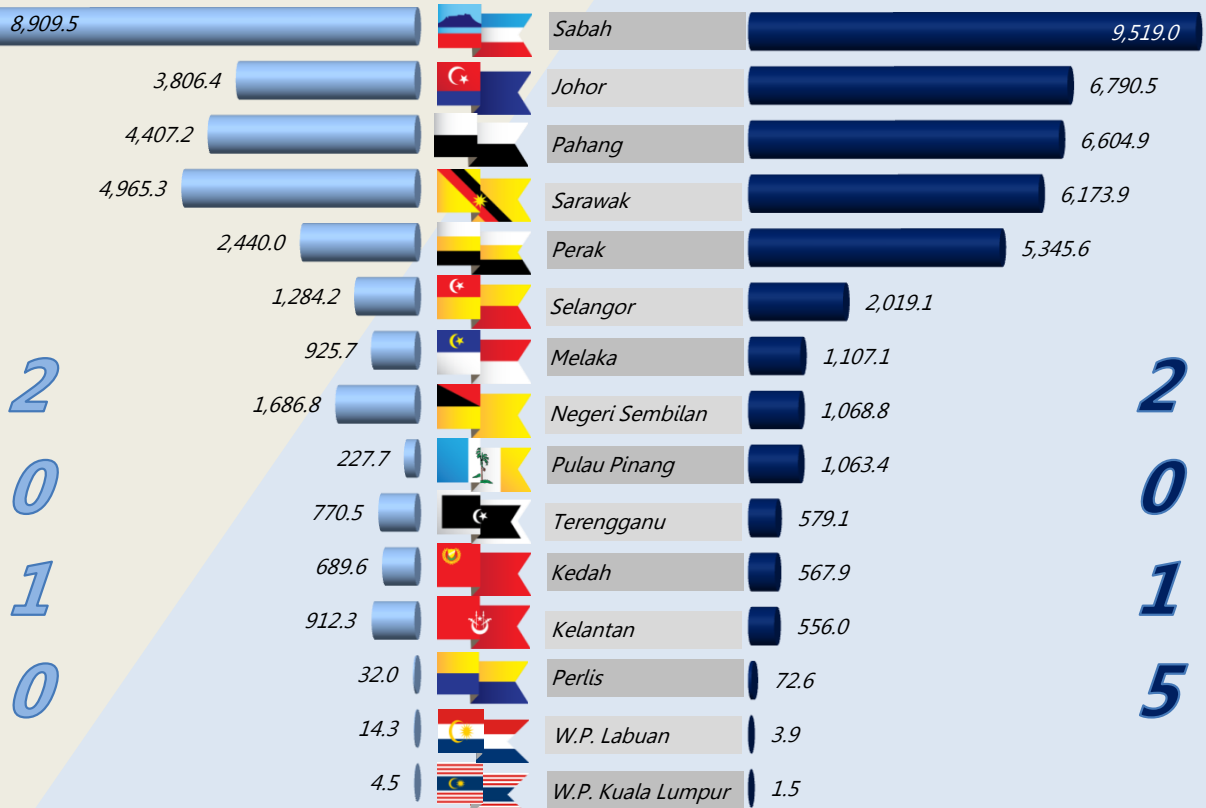
Number of persons engaged



Gross output (RM million)



Value added (RM million)



RINGKASAN PENEMUAN SEKTOR PERTANIAN

*SUMMARY OF FINDINGS
AGRICULTURE SECTOR*



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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 1,504 SEBULAN

1. PENGENALAN

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

2. PRESTASI KESELURUHAN

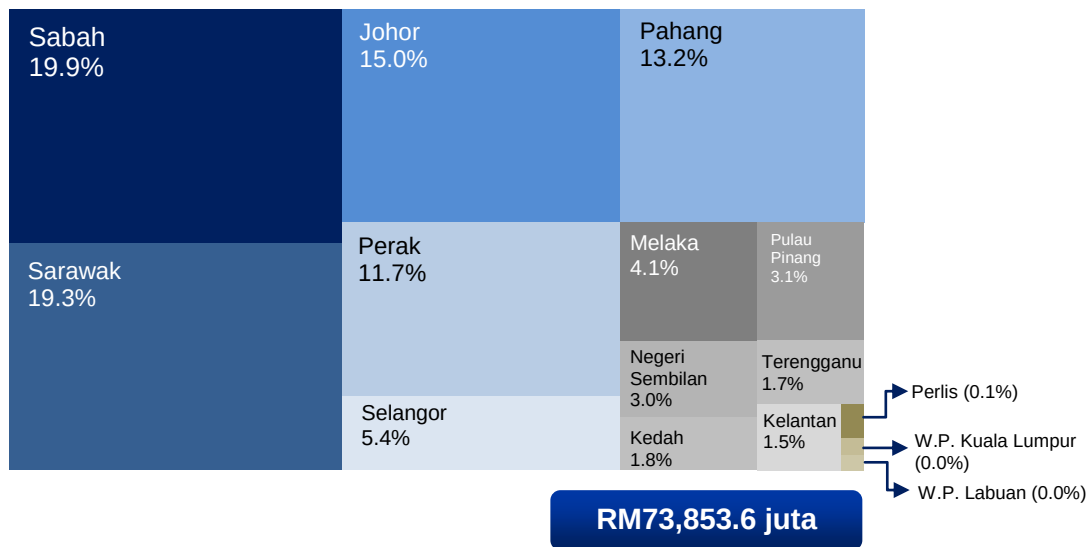
Secara keseluruhan, perangkaan utama sektor pertanian pada 2015 menunjukkan pertumbuhan tahunan positif berbanding 2010. Sejumlah 11,628 pertubuhan beroperasi dengan kadar pertumbuhan tahunan dikompaun (CAGR) sebanyak 5.7 peratus berbanding lima tahun yang lalu. Nilai output kasar meningkat 6.7 peratus 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

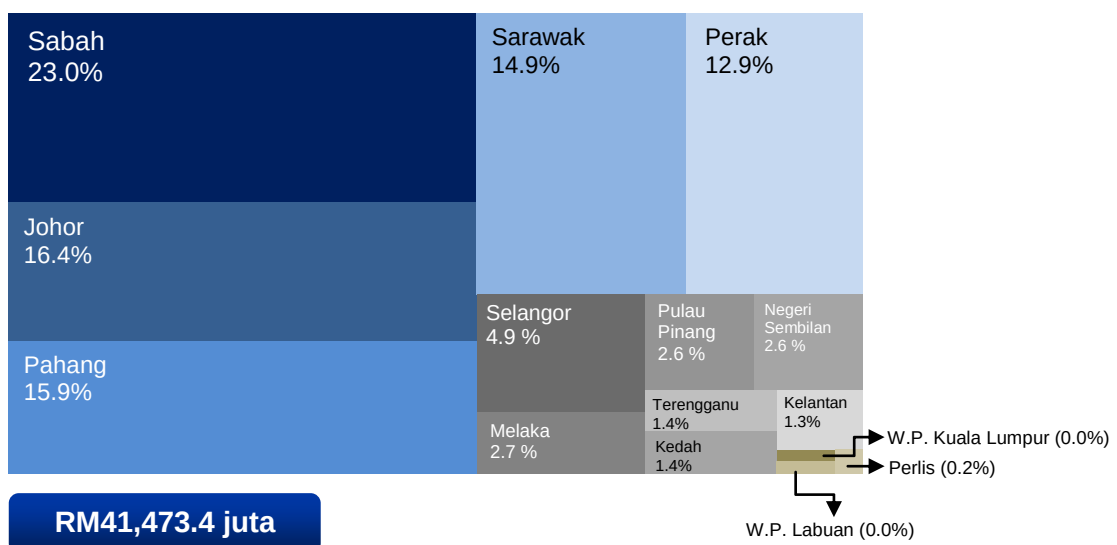
Carta 1 : Output kasar sektor pertanian mengikut negeri, 2015



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

Carta 2 : Nilai ditambah sektor pertanian mengikut negeri, 2015

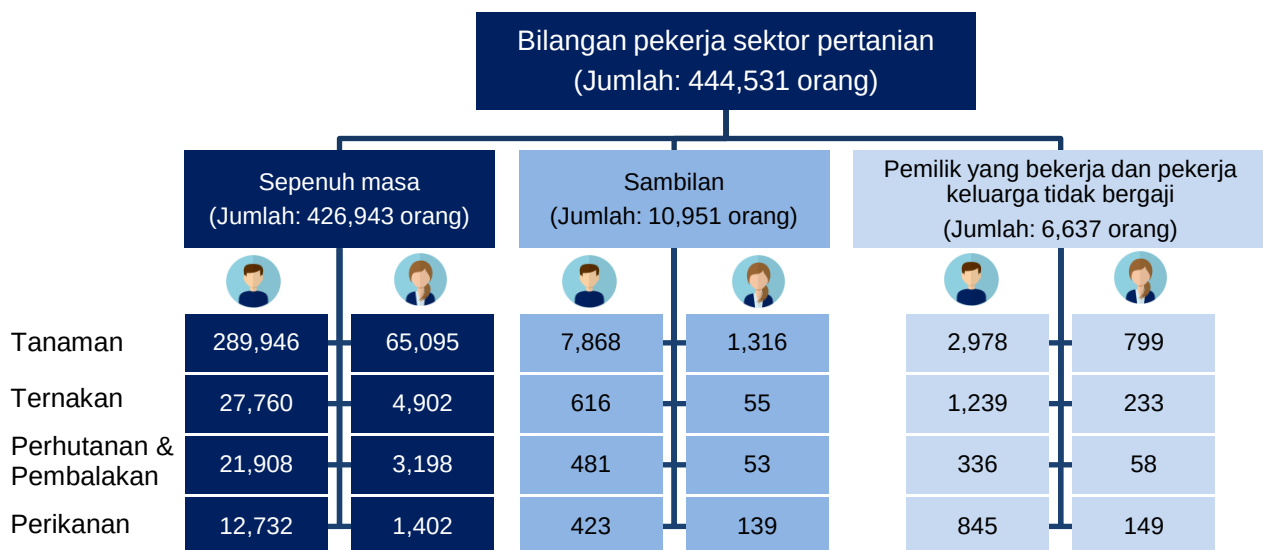


Nilai ditambah sektor pertanian pada 2015 ialah RM41,473.4 juta, meningkat sebanyak 5.9 peratus setahun berbanding RM31,075.9 juta pada 2010. Sabah menyumbang nilai ditambah tertinggi berbanding negeri lain iaitu RM9,519.0 juta dengan sumbangan 23.0 peratus diikuti Johor (RM6,790.5 juta) dan Pahang (RM6,604.9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

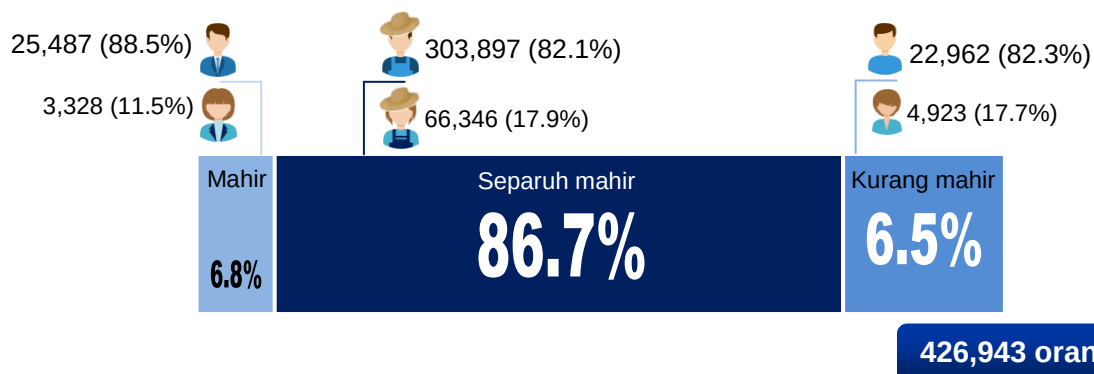
6. BILANGAN PEKERJA DAN GAJI & UPAH

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 437,894 (98.5%) dan hanya 6,637 orang (1.5%) 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]

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



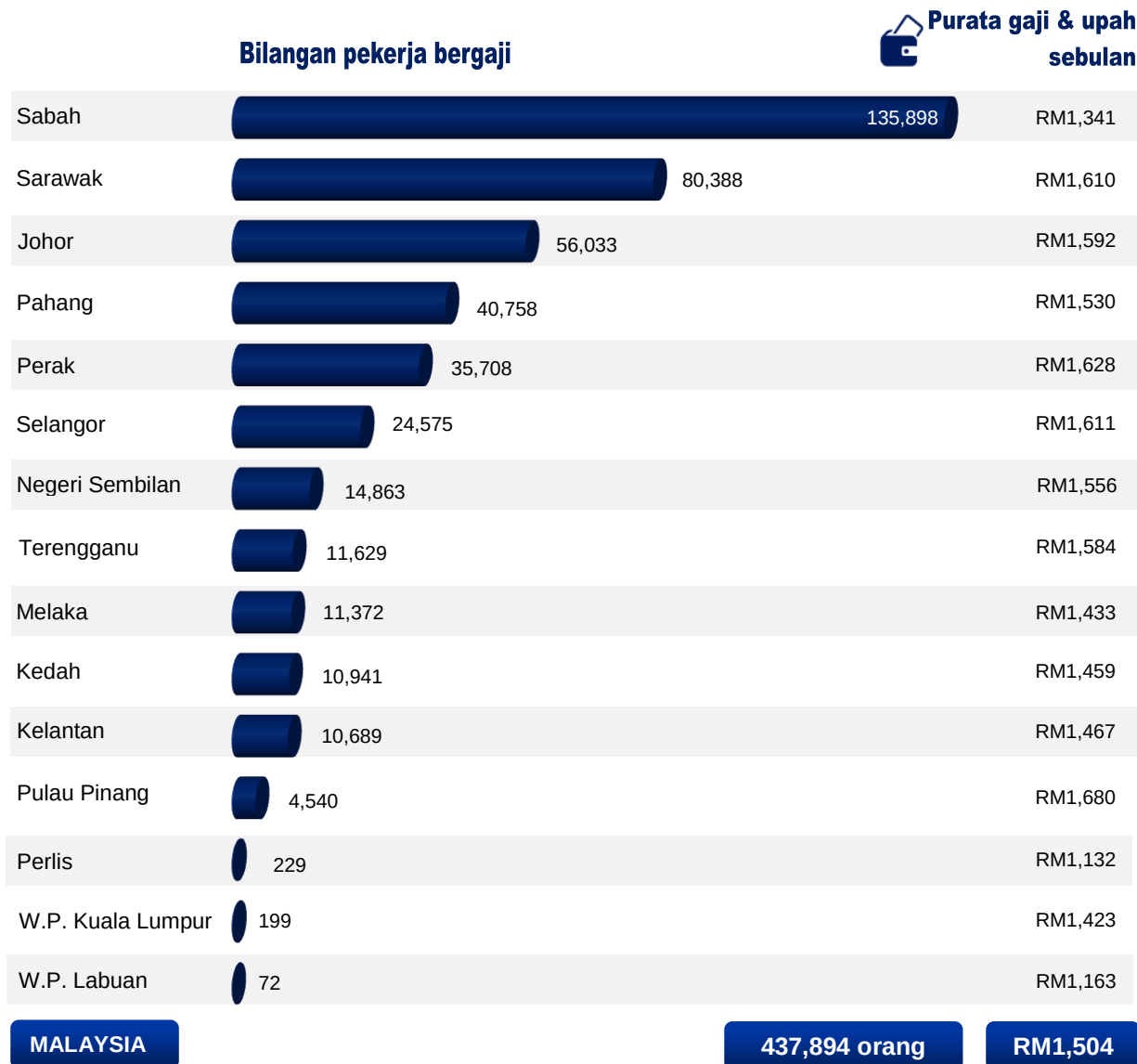
Carta 4 : Bilangan pekerja sepenuh masa mengikut kategori kemahiran dan jantina, 2015



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]

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

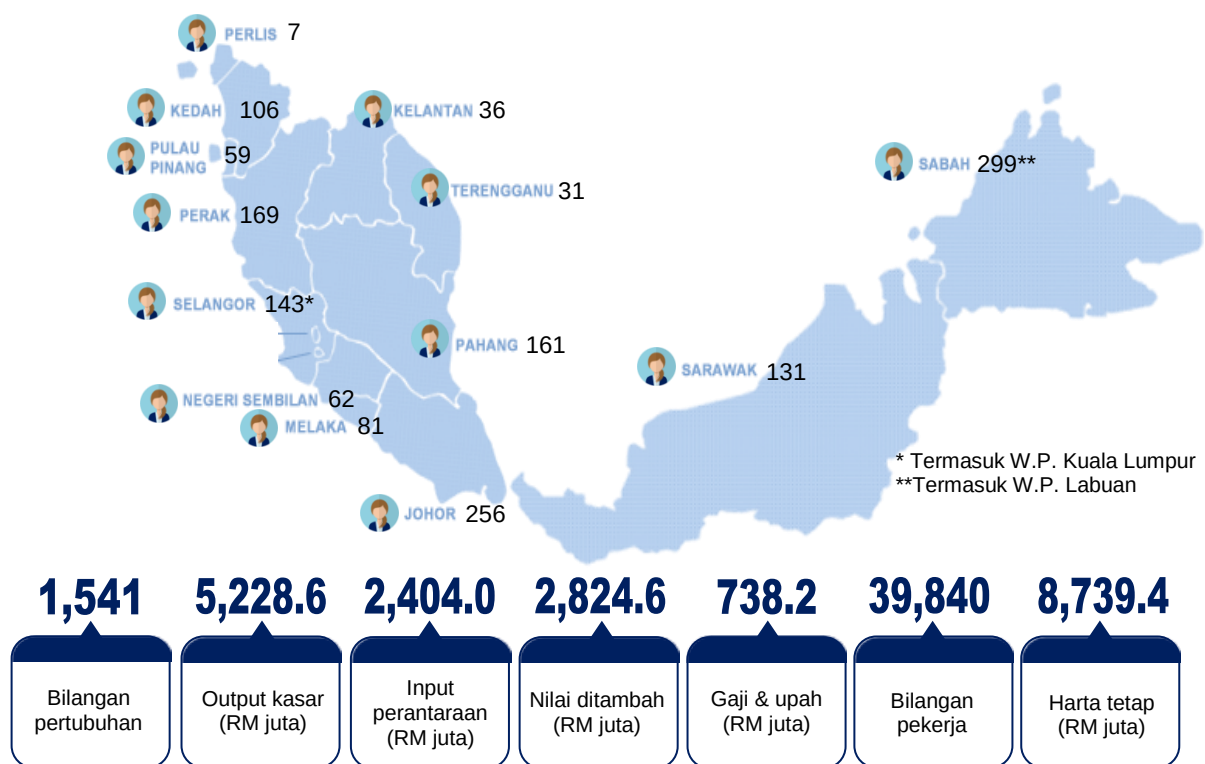


Purata gaji & upah bulanan pada 2015 adalah RM1,504. Pulau Pinang mencatatkan purata gaji & upah bulanan tertinggi iaitu RM1,680, diikuti Perak (RM1,628), Selangor (RM1,611) dan Sarawak (RM1,610). Negeri selainnya merekodkan purata gaji & upah bulanan diantara RM1,132 hingga RM1,592.

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.

Carta 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 RM	NUMBER OF PERSONS ENGAGED	AVERAGE SALARIES & WAGES OF PAID EMPLOYEES RM
11,628	73,853.6 MILLION	444,531 PERSONS	1,504 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]

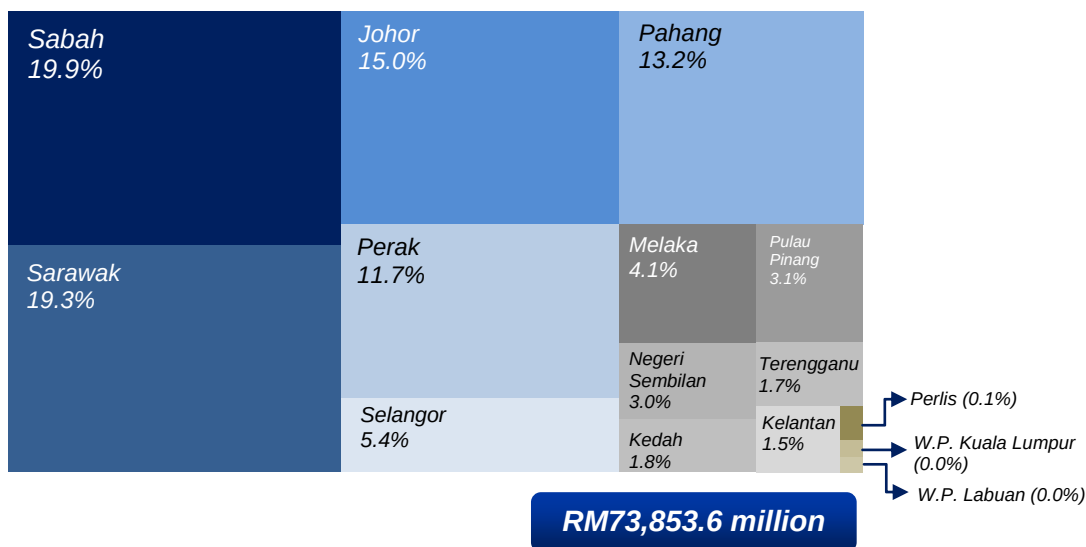
3. ESTABLISHMENT

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 OUPUT

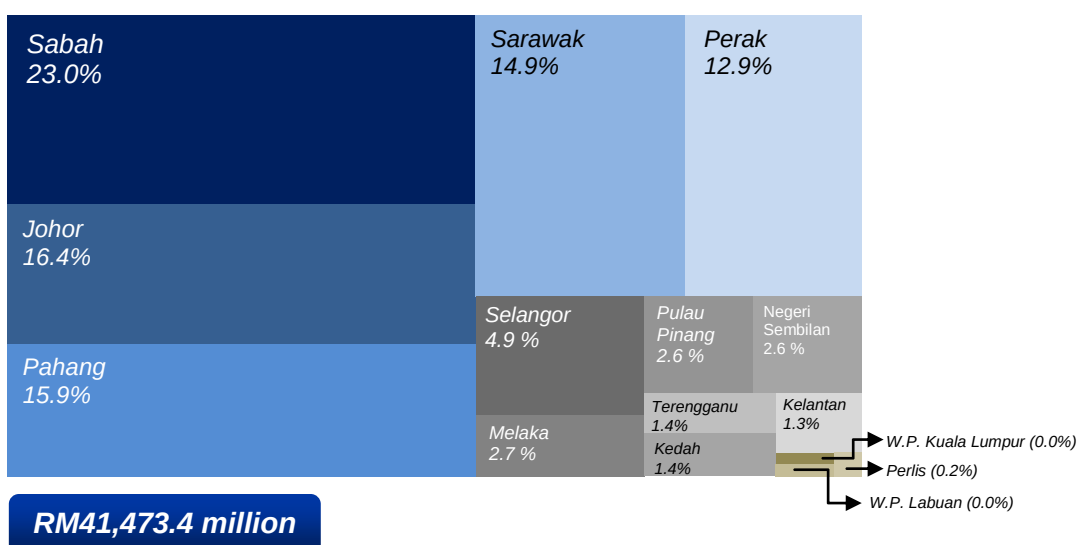
Chart 1: Gross output of agriculture sector by states, 2015



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

Chart 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 437,894 persons (98.5%) and only 6,637 persons (1.5%) 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]

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

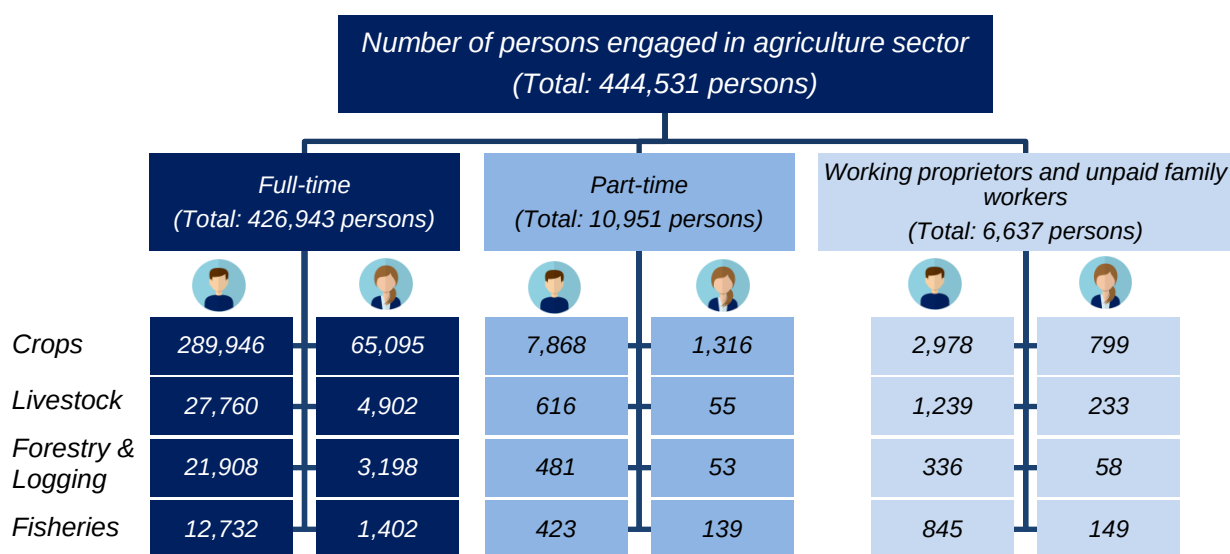
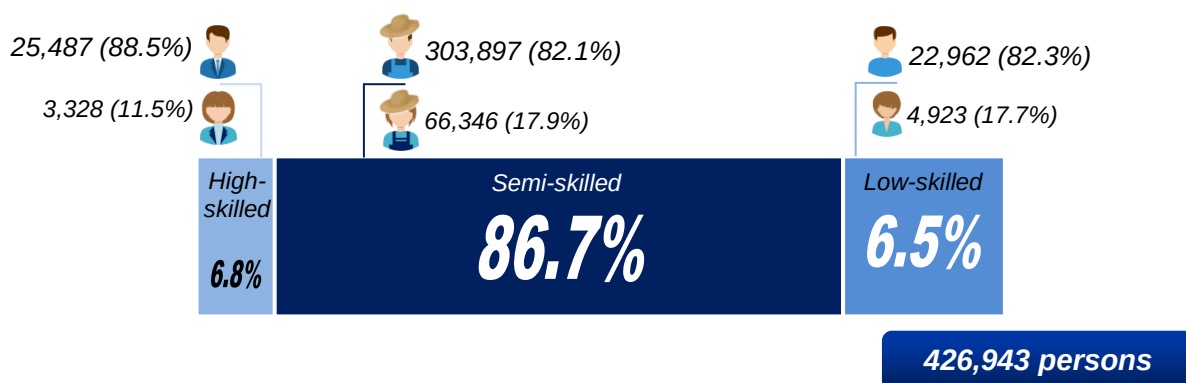


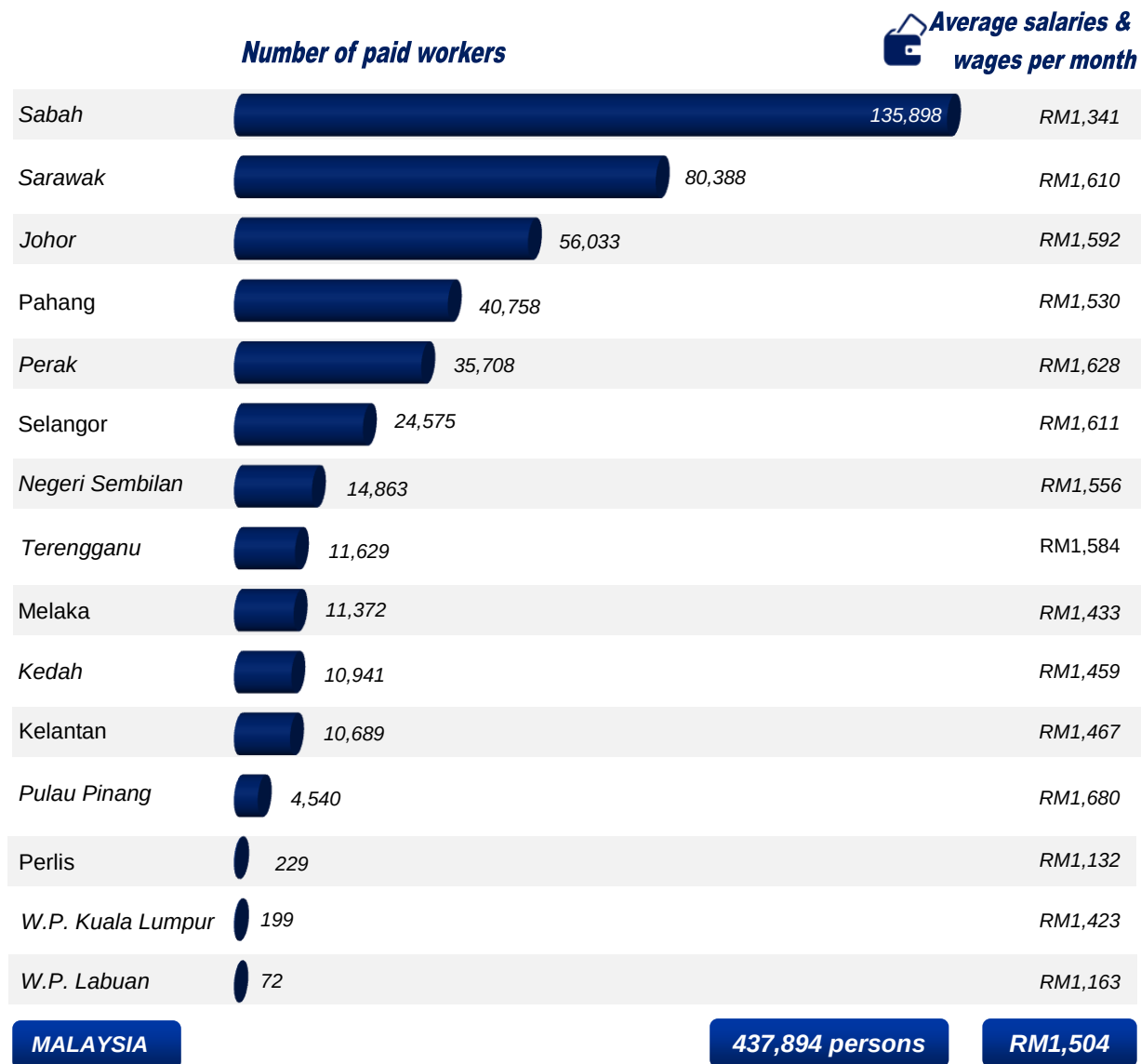
Chart 4: Number of full-time employees by skilled category and sex, 2015



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]

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

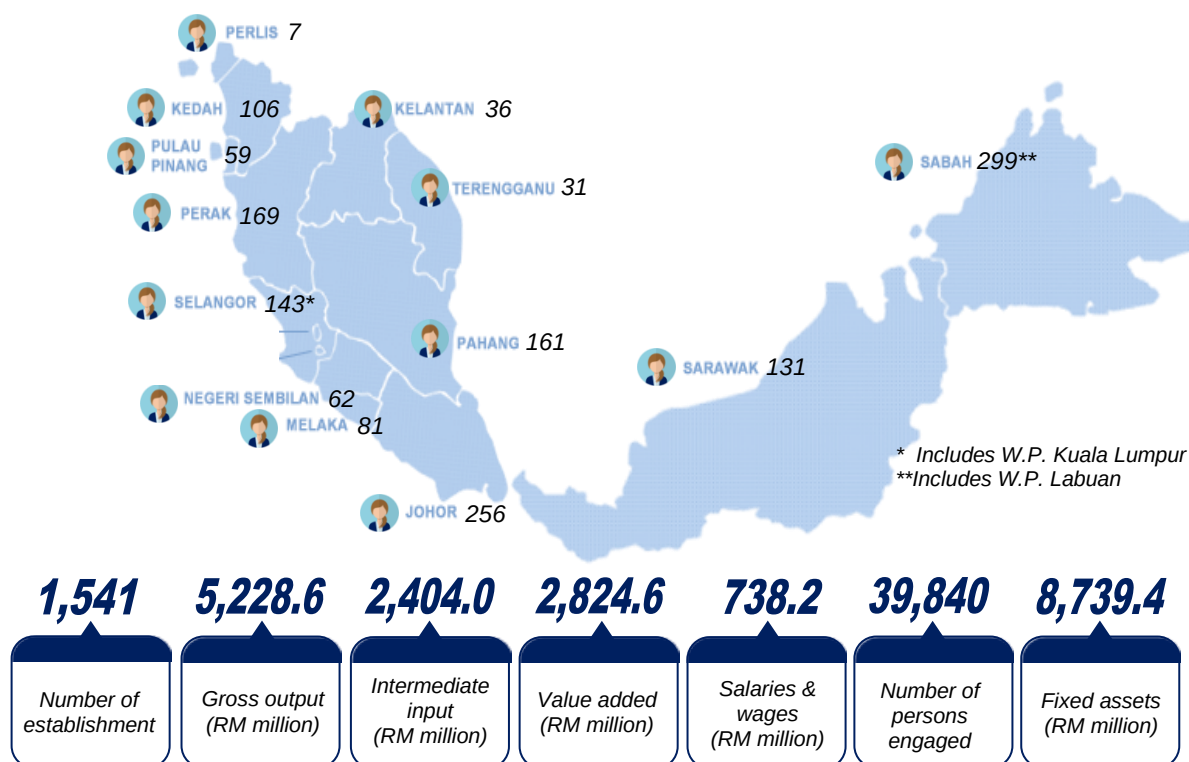


Average salaries & wages per month in 2015 was RM1,504. Pulau Pinang recorded the highest monthly average salaries & wages at RM1,680, followed by Perak (RM1,628), Selangor (RM1,611) and Sarawak (RM1,610). Other states recorded an average monthly salaries & wages between RM1,132 to RM1,592.

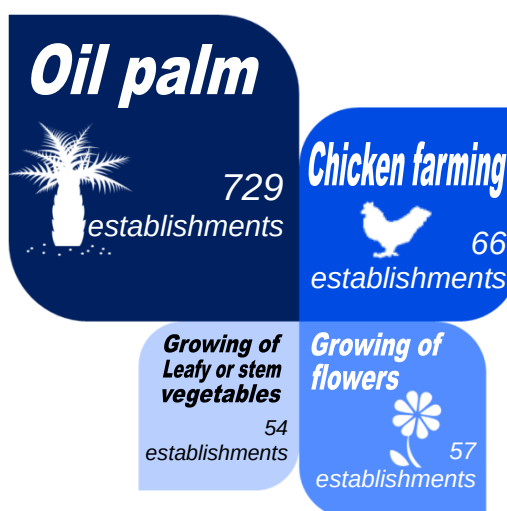
7. WOMEN-OWNED ESTABLISHMENTS

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.

Chart 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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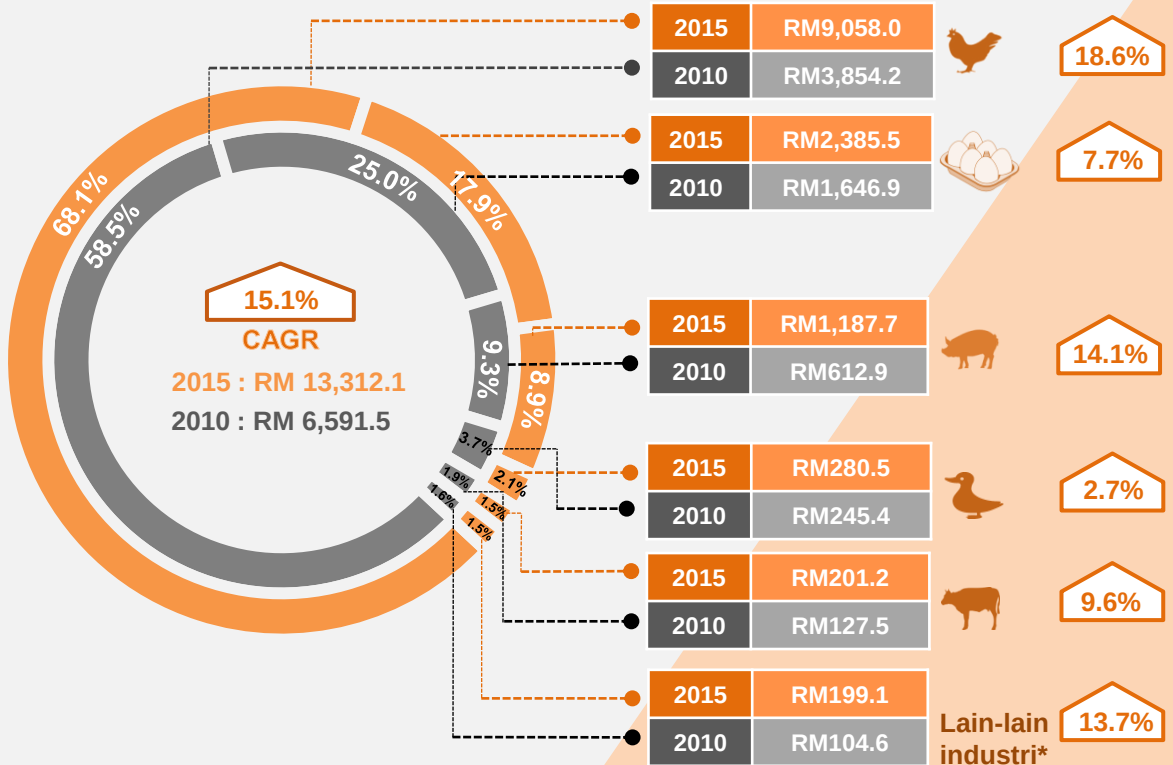


BANCI EKONOMI

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%

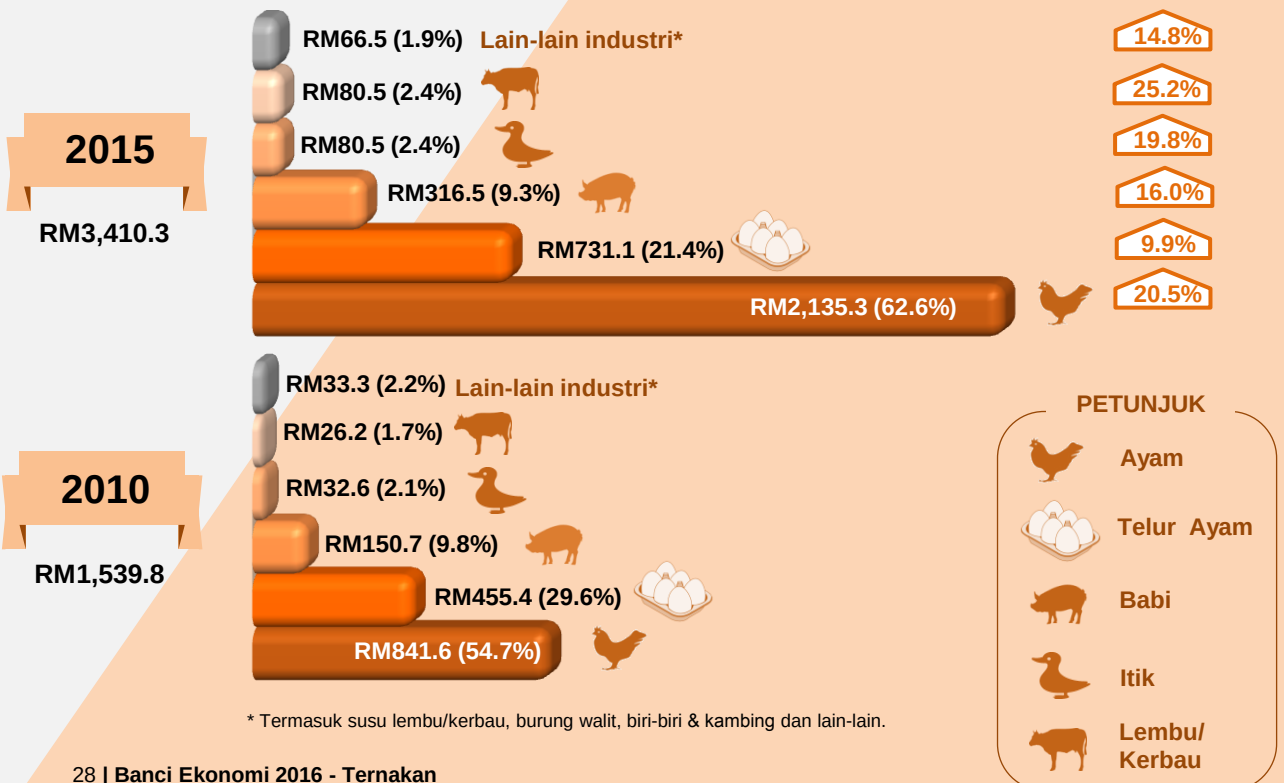
Output kasar mengikut industri



Nilai ditambah mengikut industri

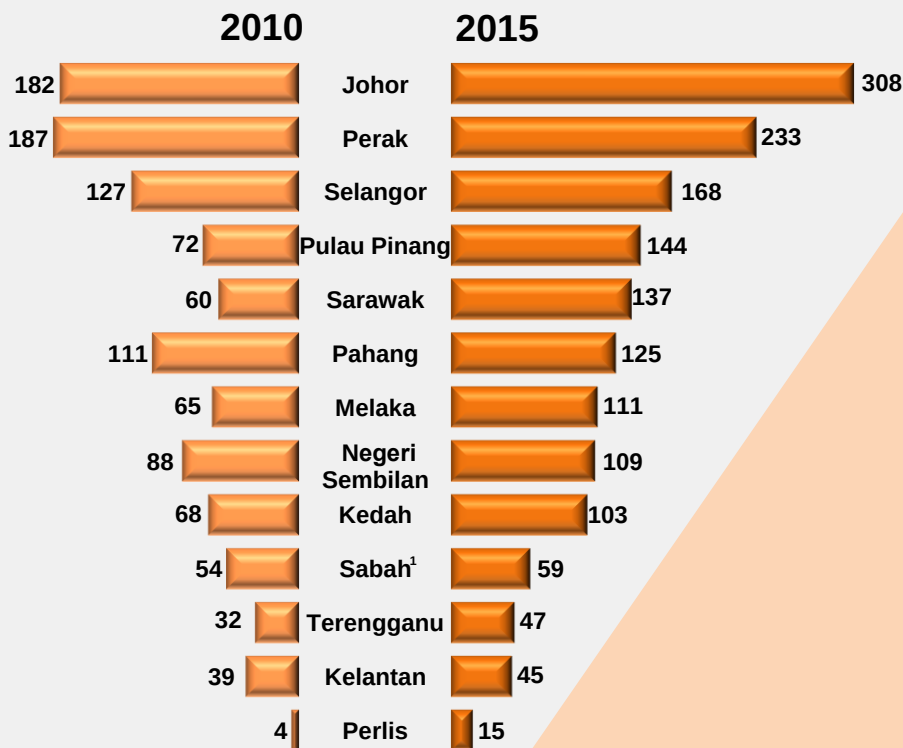


(RM juta)

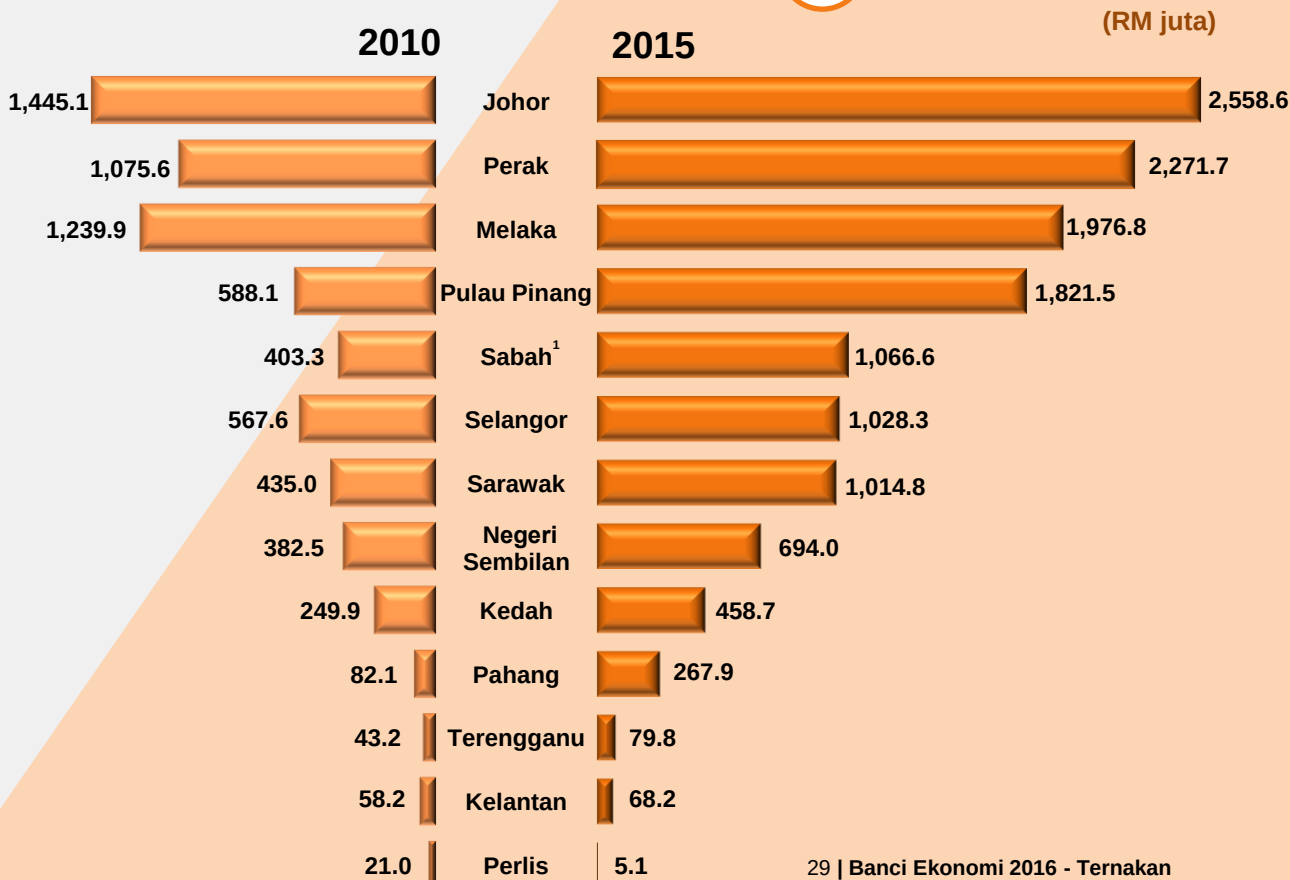


* Termasuk susu lembu/kerbau, burung walit, biri-biri & kambing dan lain-lain.

Pertubuhan mengikut negeri

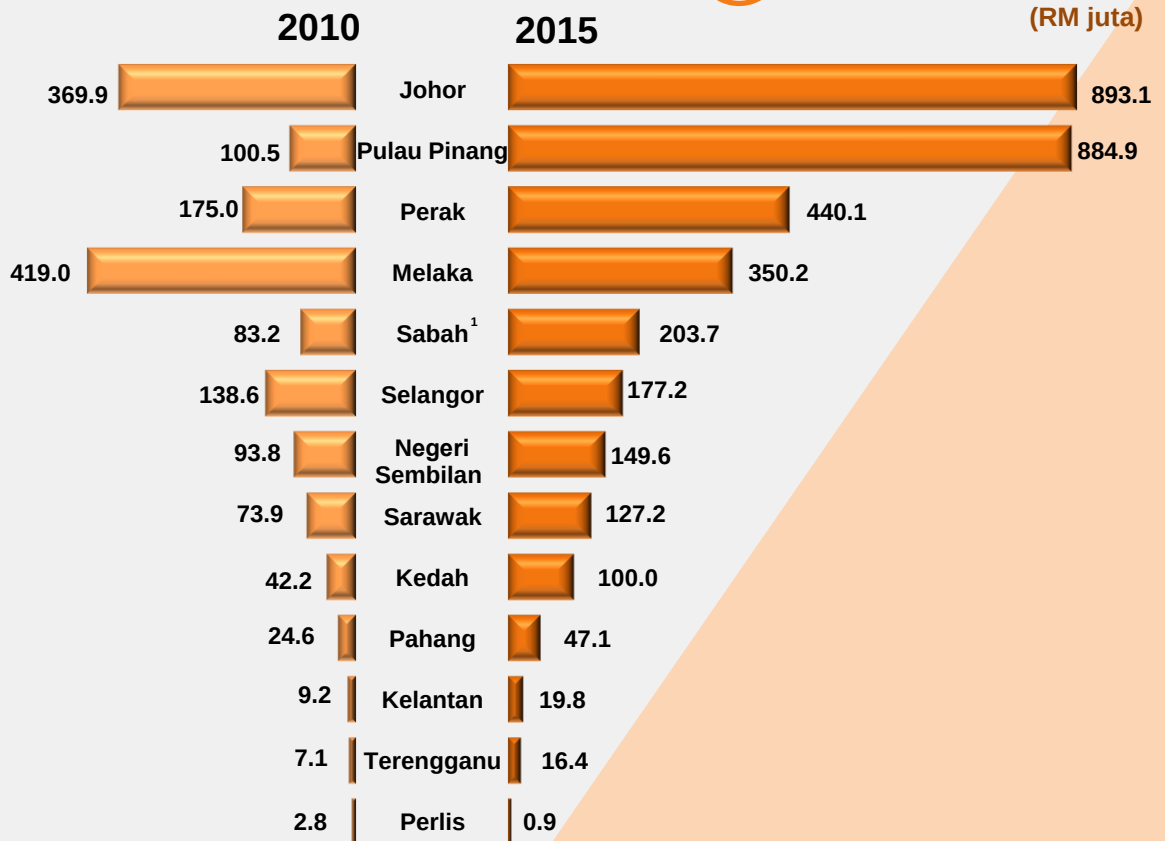


Output kasar mengikut negeri

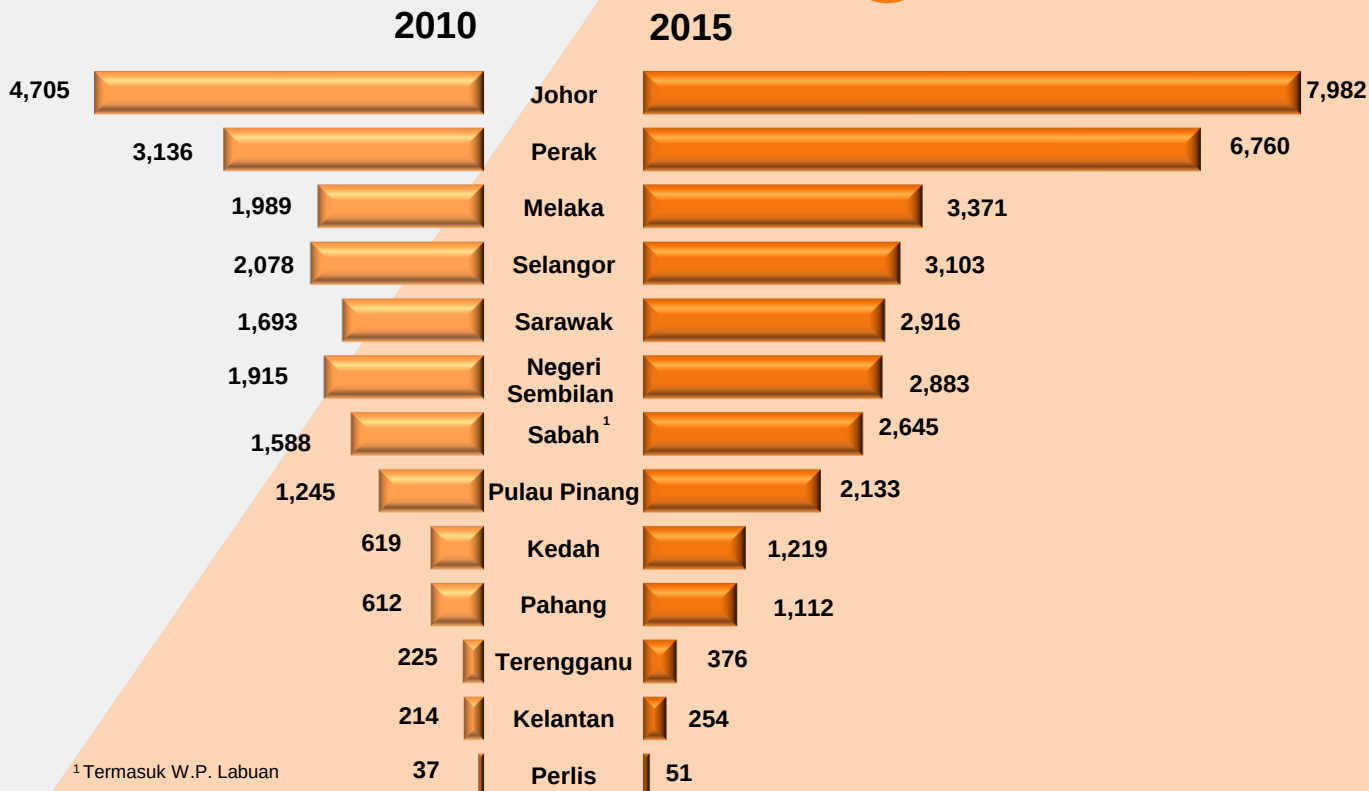


¹ Termasuk W.P. Labuan

Nilai ditambah mengikut negeri



Bilangan pekerja mengikut negeri



¹Termasuk W.P. Labuan

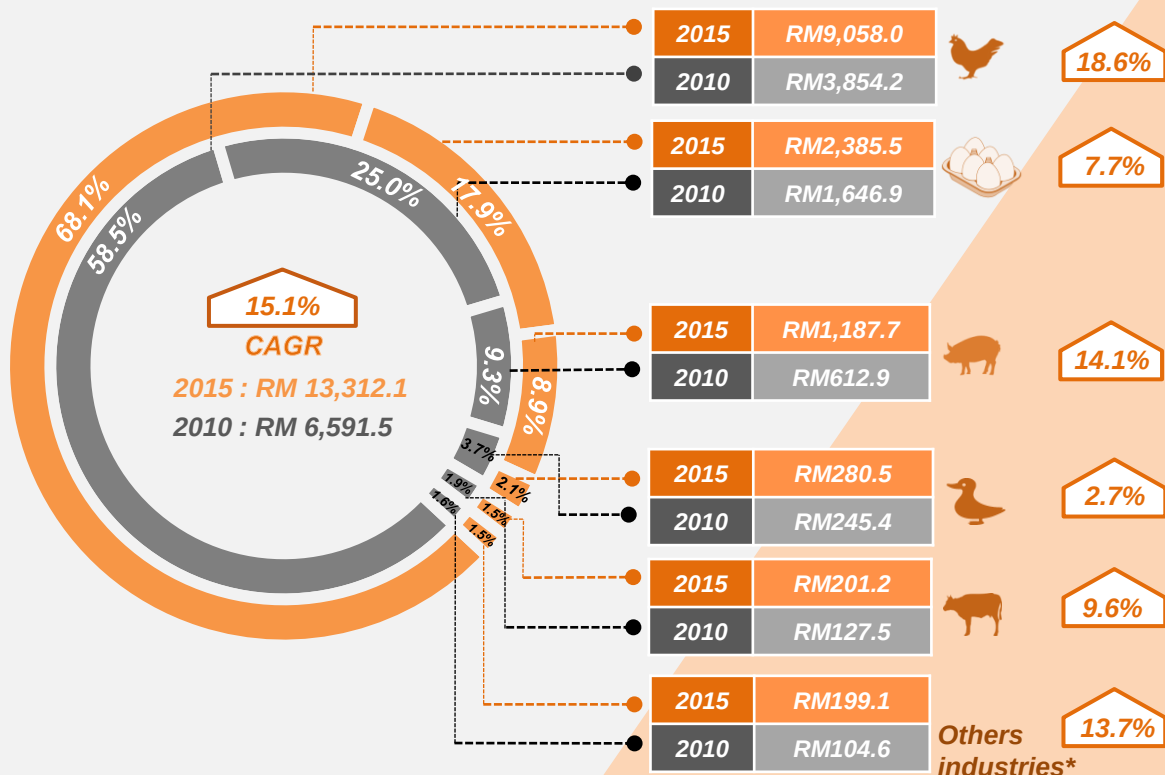


ECONOMIC CENSUS

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%

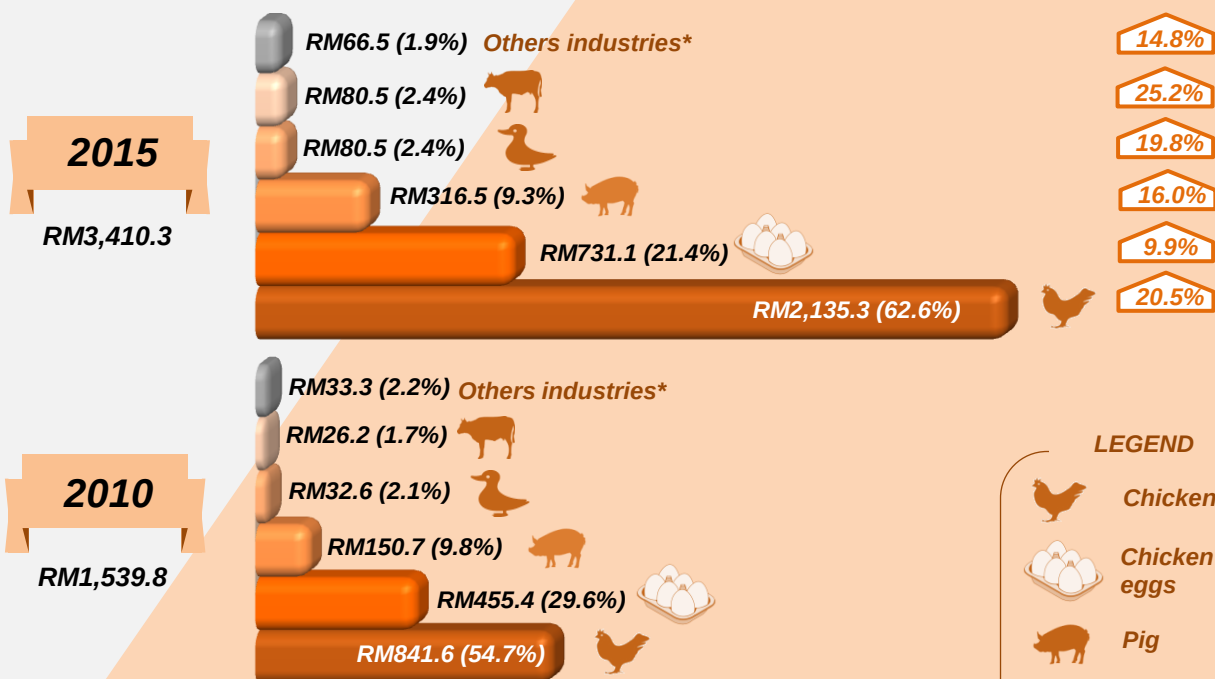
Gross output by industry



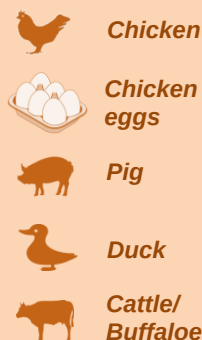
Value added by industry



(RM million)

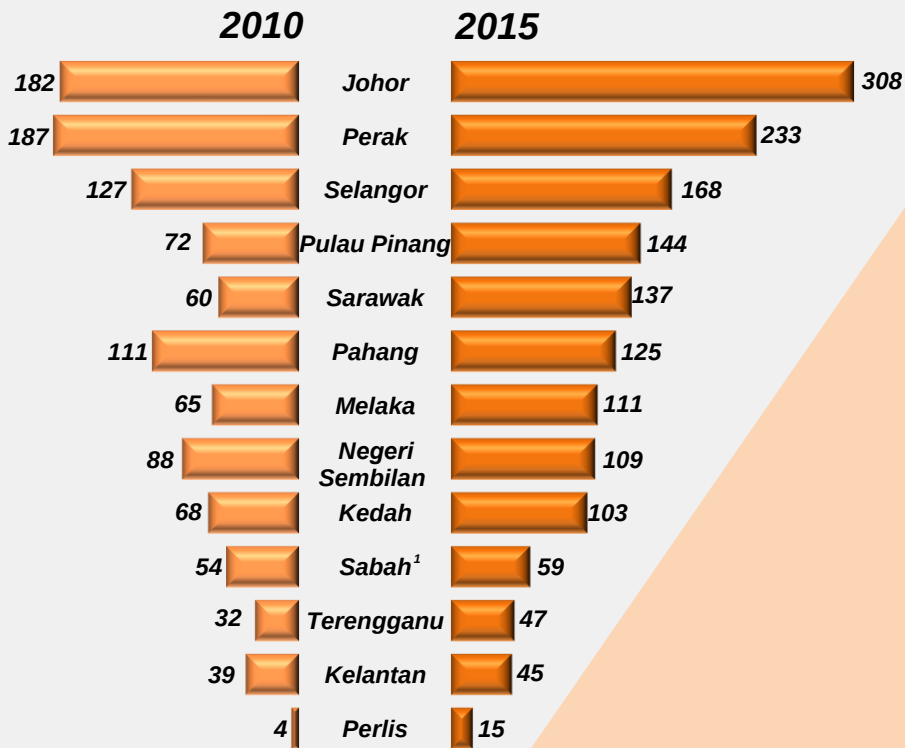


LEGEND

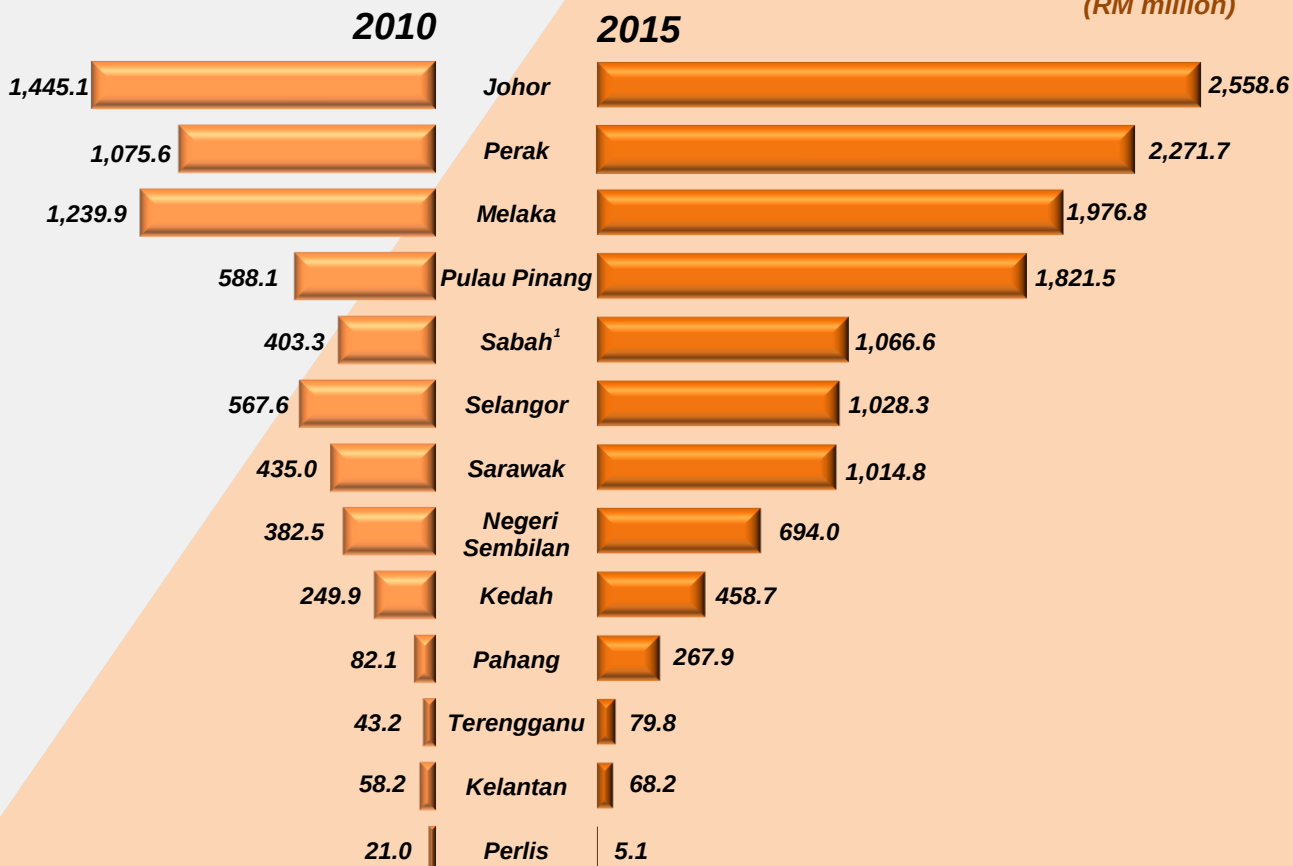


* Includes cattle/buffaloes milk, swiftlet, sheep & goats and others.

Establishment by states

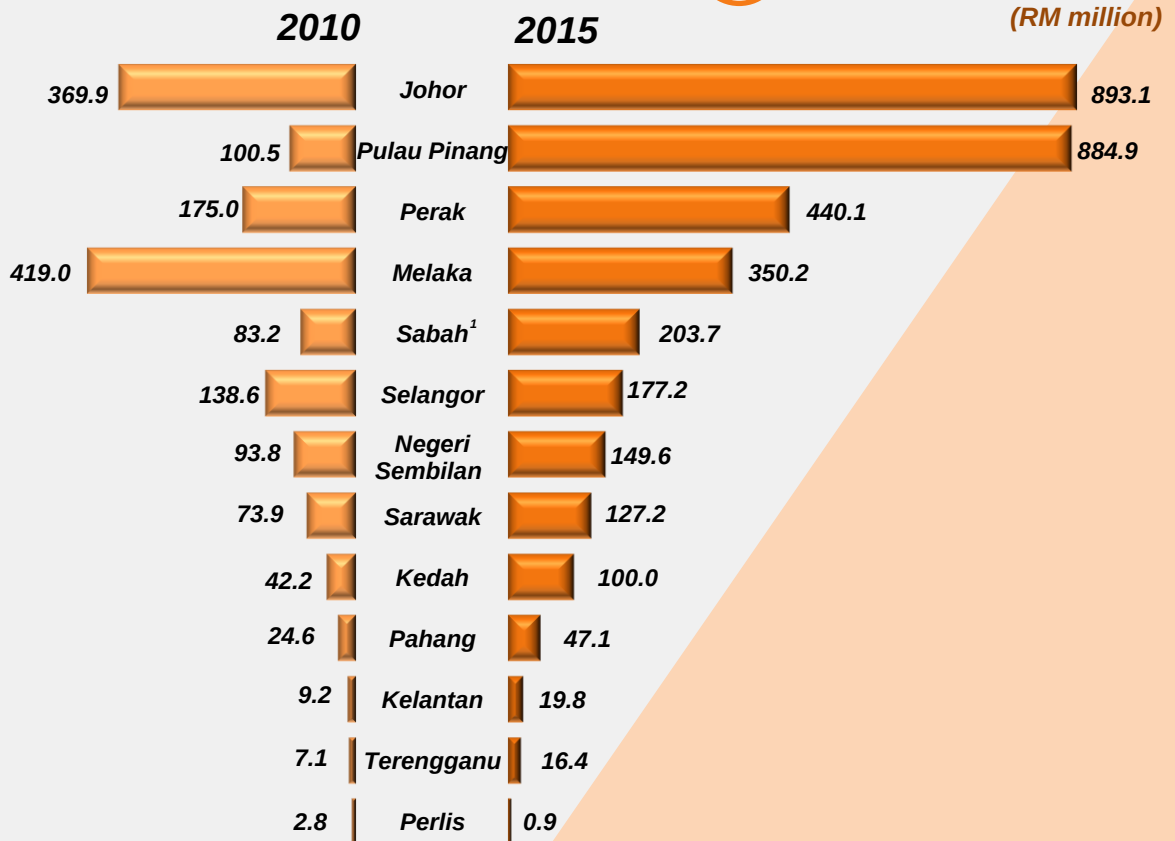


Gross output by states

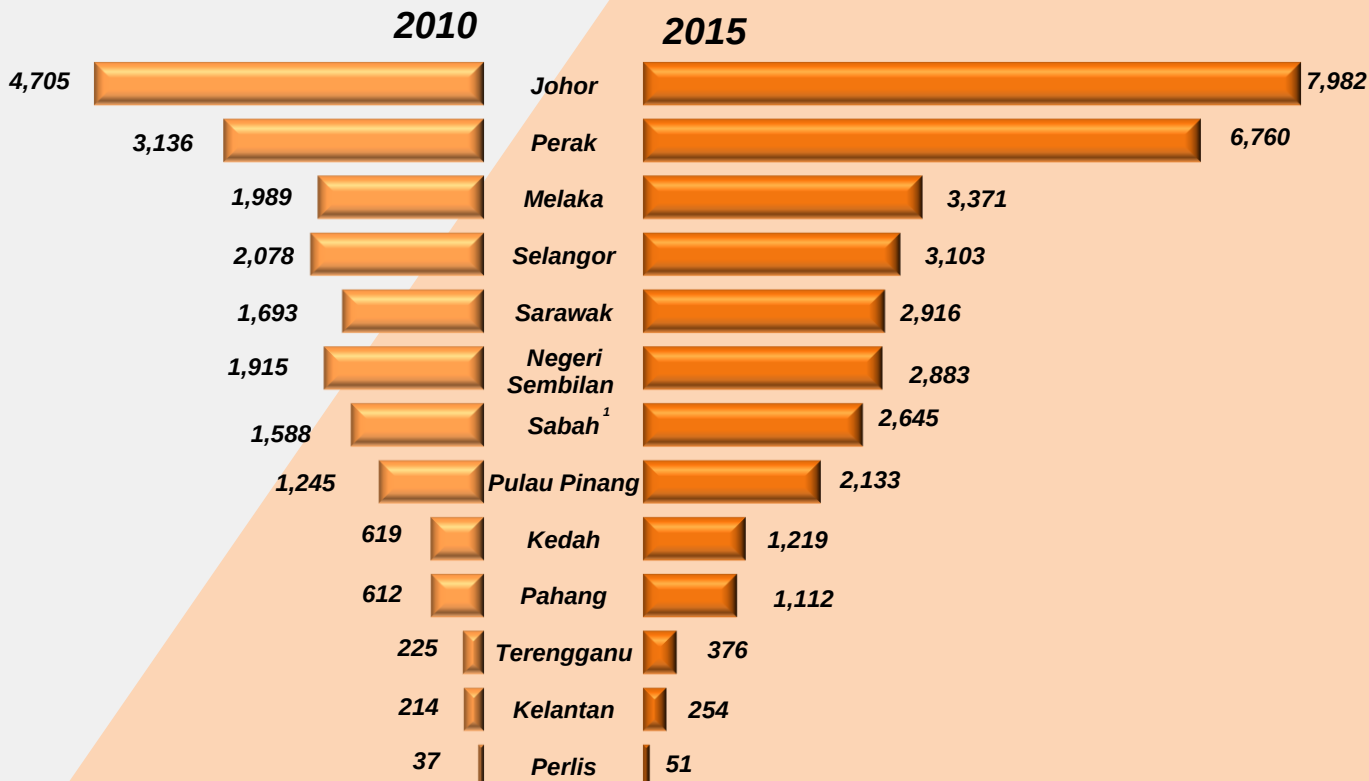


¹ Include W.P. Labuan

Value added by states



Number of persons engaged by states



¹ Include W.P. Labuan

**RINGKASAN PENEMUAN
SUBSEKTOR TERNAKAN**

*SUMMARY OF FINDINGS
LIVESTOCK SUB-SECTOR*



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SUBSEKTOR TERNAKAN

BILANGAN PERTUBUHAN	OUTPUT KASAR	BILANGAN PEKERJA	PURATA GAJI & UPAH PEKERJA BERGAJI
1,604	RM 13,312.1 JUTA	34,805 ORANG	RM 1,816 SEBULAN

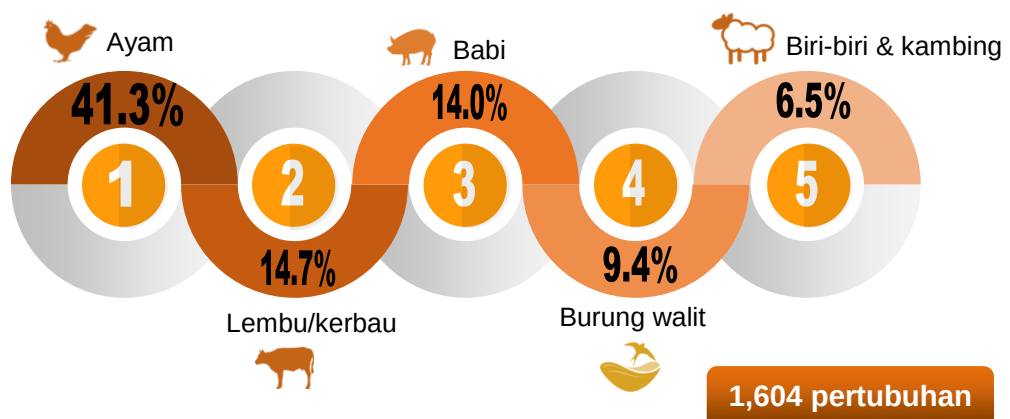
1. PRESTASI KESELURUHAN

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 RM1,816. [Jadual A1]

2. PERTUBUHAN

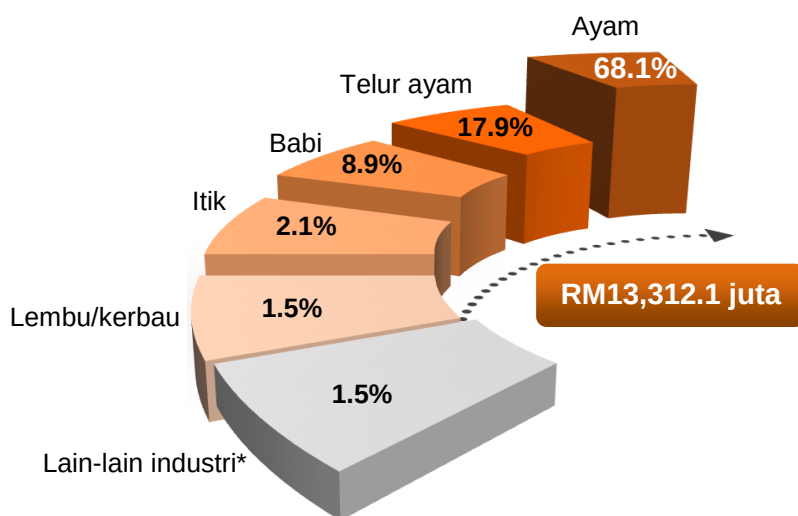
Peratusan pertubuhan subsektor ternakan pada 2015 adalah 13.8 peratus (1,604) daripada keseluruhan pertubuhan sektor pertanian. Lima industri tertinggi bagi subsektor ternakan adalah penternakan ayam 662 pertubuhan (41.3%) dengan pertumbuhan tahunan 13.4 peratus diikuti penternakan lembu/kerbau (236),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

Carta 1 : Lima industri tertinggi subsektor ternakan, 2015



3. OUTPUT KASAR

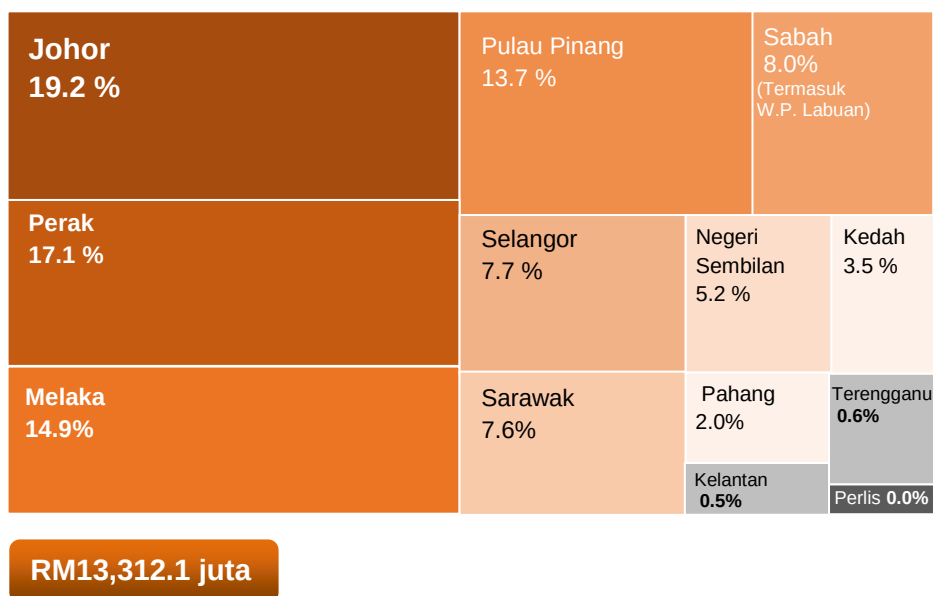
Carta 2 : Output kasar mengikut industri, 2015



* 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]

Carta 3 : Output kasar mengikut negeri, 2015

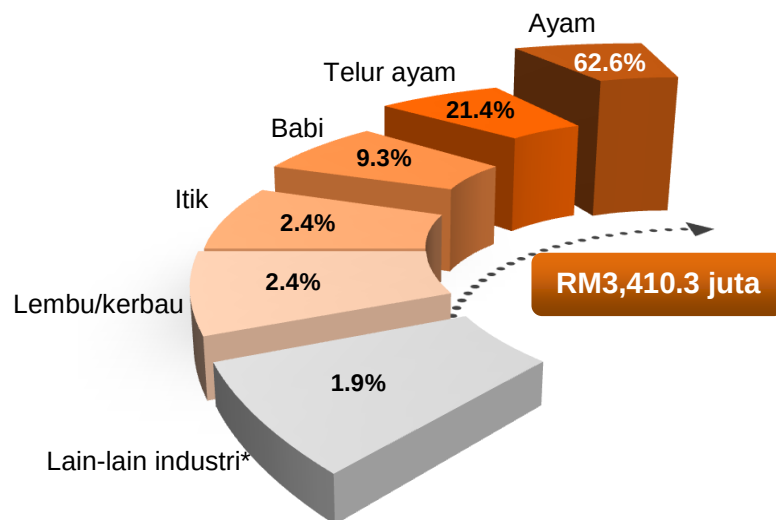


Johor mencatatkan sumbangan output kasar tertinggi iaitu RM2,558.6 juta dengan sumbangan 19.2 peratus diikuti Perak (RM2,271.7 juta) dan Melaka (RM1,976.8 juta).
[Jadual B2]

4. NILAI DITAMBAH

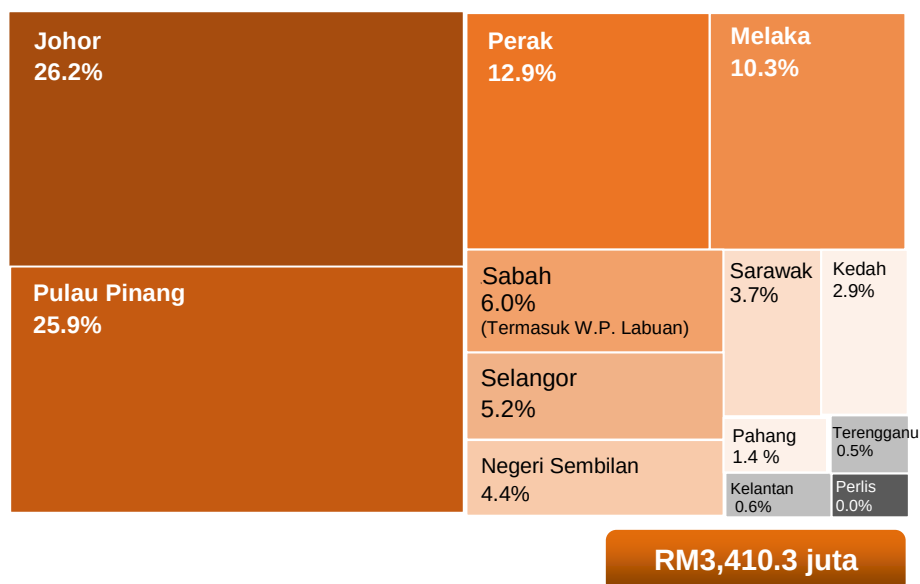
Nilai ditambah subsektor ternakan pada 2015 ialah RM3,410.3 juta, meningkat sebanyak 17.2 peratus setahun berbanding RM1,539.8 juta pada 2010. Industri penternakan ayam menyumbang 62.6 peratus (RM2,135.3 juta), diikuti pengeluaran telur ayam (RM731.1 juta) dan penternakan babi (RM316.5 juta). Ketiga-tiga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

Carta 4 : Nilai ditambah mengikut industri, 2015



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

Carta 5 : Nilai ditambah mengikut negeri, 2015

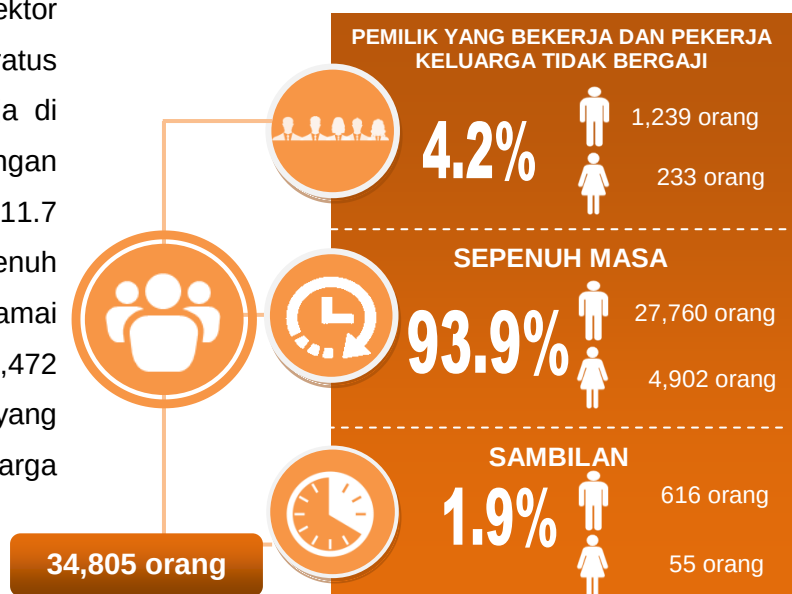


Nilai ditambah mengikut negeri menunjukkan Johor adalah penyumbang utama iaitu RM893.1 juta (26.2%) diikuti Pulau Pinang (RM884.9 juta) dan Perak (RM440.1 juta). **[Jadual B2]**

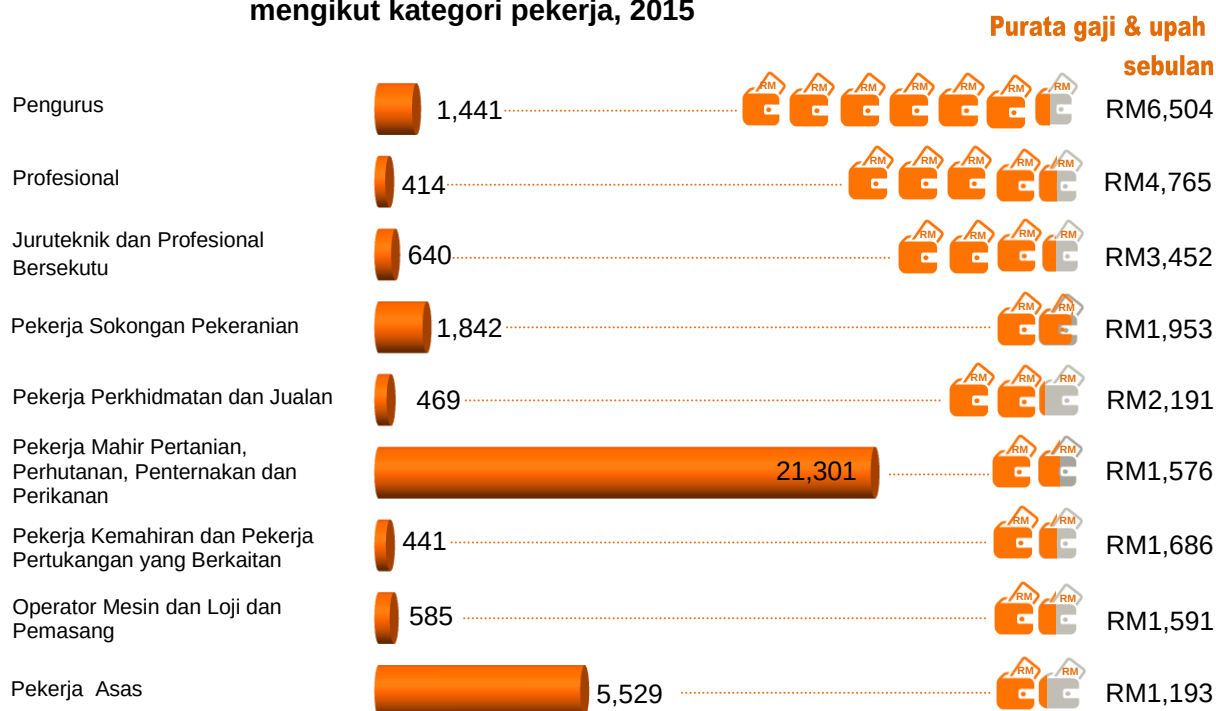
5. BILANGAN PEKERJA DAN GAJI & UPAH

Carta 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 33,333 orang dan hanya 1,472 orang adalah pemilik yang bekerja dan pekerja keluarga tidak bergaji. [Jadual B8]



Carta 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]

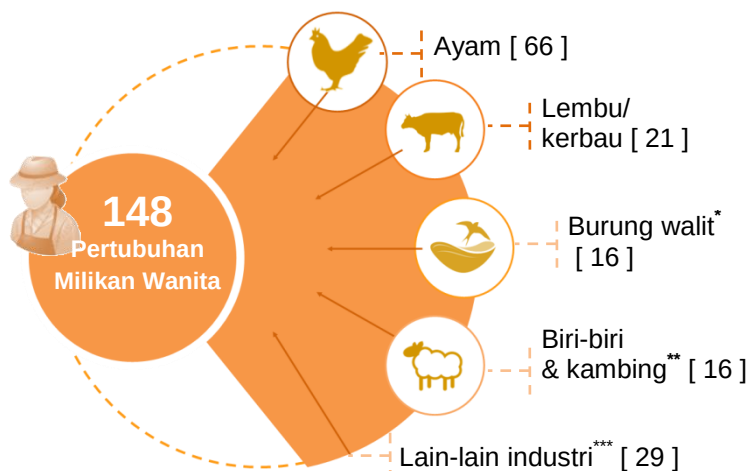
6. PERTUBUHAN MILIKAN WANITA

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]**

Carta 8 : Pertubuhan milikan wanita mengikut negeri, 2015



Carta 9 : Pertubuhan milikan wanita mengikut industri, 2015



* Termasuk pengeluaran hasil madu & lilin lebah dan haiwan peliharaan.

** Termasuk pengeluaran susu biri-biri/kambing.

*** Termasuk babi, susu lembu/kerbau dan lain-lain.

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

[Jadual B12]

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LIVESTOCK SUB-SECTOR

NUMBER OF ESTABLISHMENT	GROSS OUTPUT RM	NUMBER OF PERSONS ENGAGED	AVERAGE SALARIES & WAGES OF PAID EMPLOYEES RM
1,604	13,312.1 MILLION	34,805 PERSONS	1,816 PER MONTH

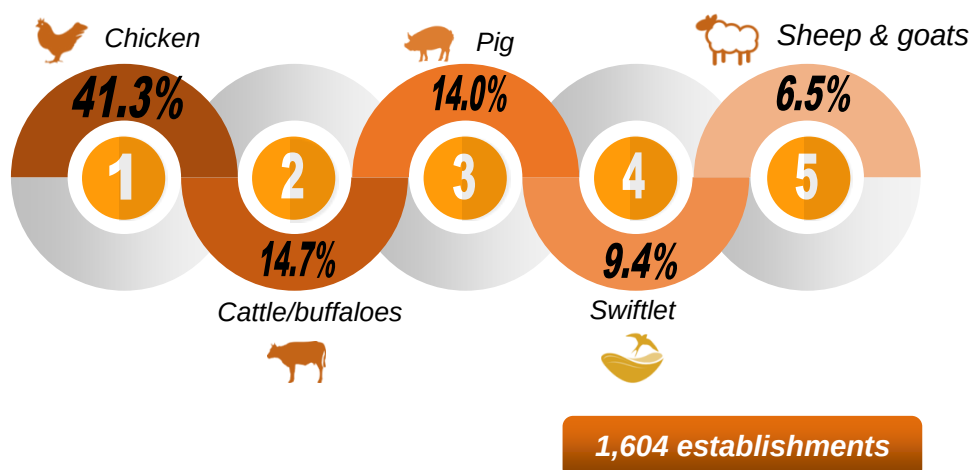
1. OVERALL PERFORMANCE

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 RM1,816. [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]

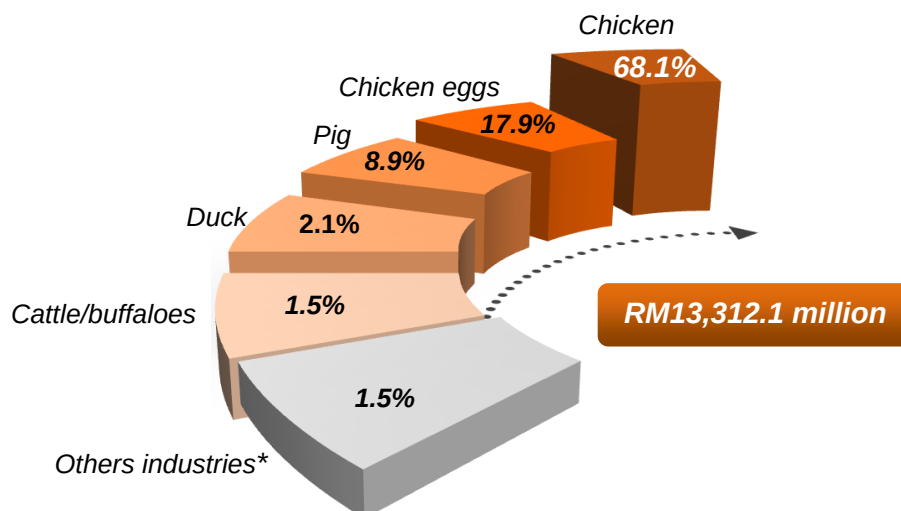
Chart 1 : Top five industries of livestock sub-sector, 2015



SUMMARY OF FINDINGS

3. GROSS OUTPUT

Chart 2 : Gross output by industry, 2015

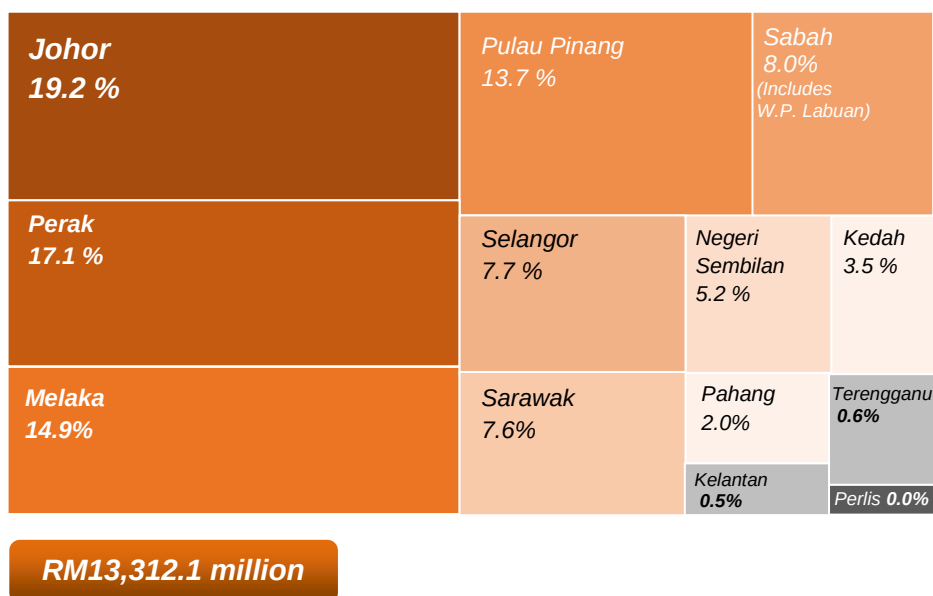


* Includes cattle/buffaloes milk, swiftlet, sheep & goats and others.

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]

Chart 3 : Gross output by states, 2015

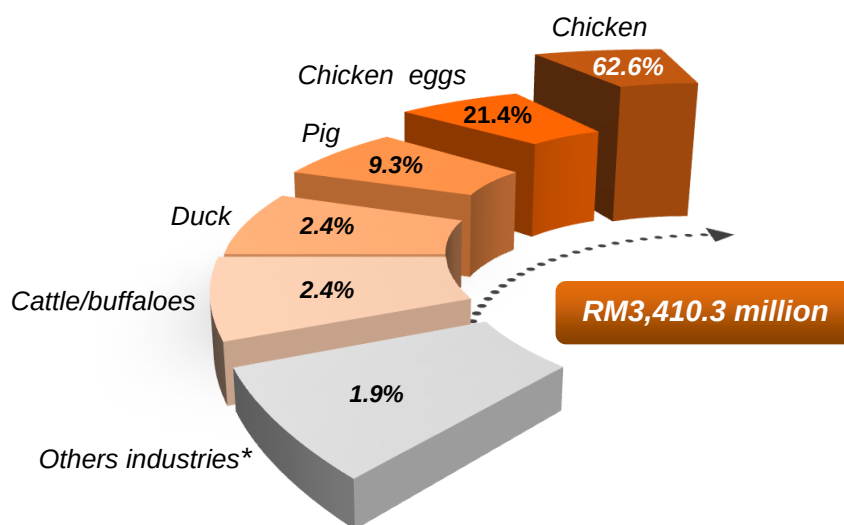


Johor recorded the highest contribution of gross output RM2,558.6 million with a share of 19.2 per cent, followed by Perak (RM2,271.7 million) and Melaka (RM1,976.8 million). **[Table B2]**

4. VALUE ADDED

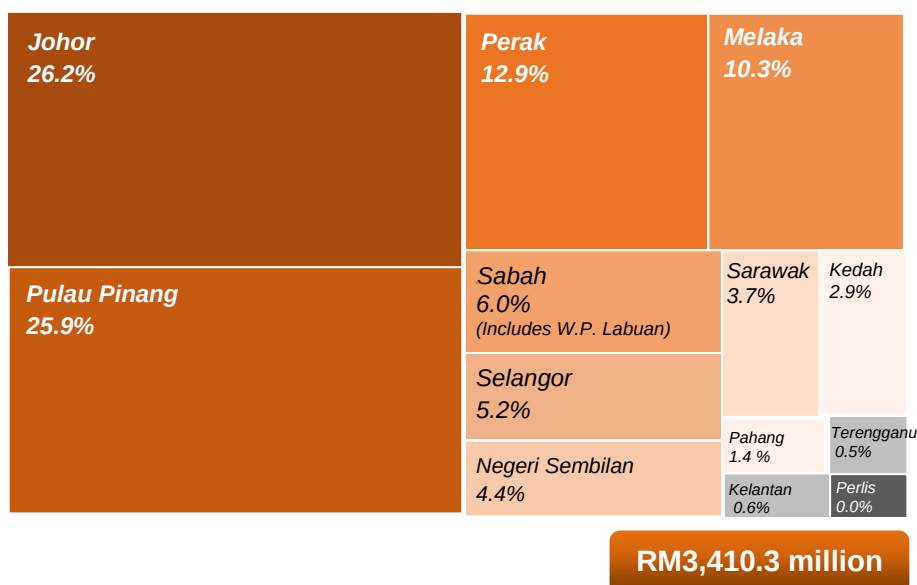
Value added of livestock sub-sector in 2015 was RM3,410.3 million, an increase of 17.2 per cent per year compared to RM1,539.8 million in 2010. Chicken farming industry contributed 62.6 per cent (RM2,135.3 million), followed by the production of chicken eggs (RM731.1 million) and pig farming (RM316.5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

Chart 4 : Value added by industry, 2015



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

Chart 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

Chart 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 33,333 persons and only 1,472 persons were working proprietors and unpaid family workers. [Table B8]

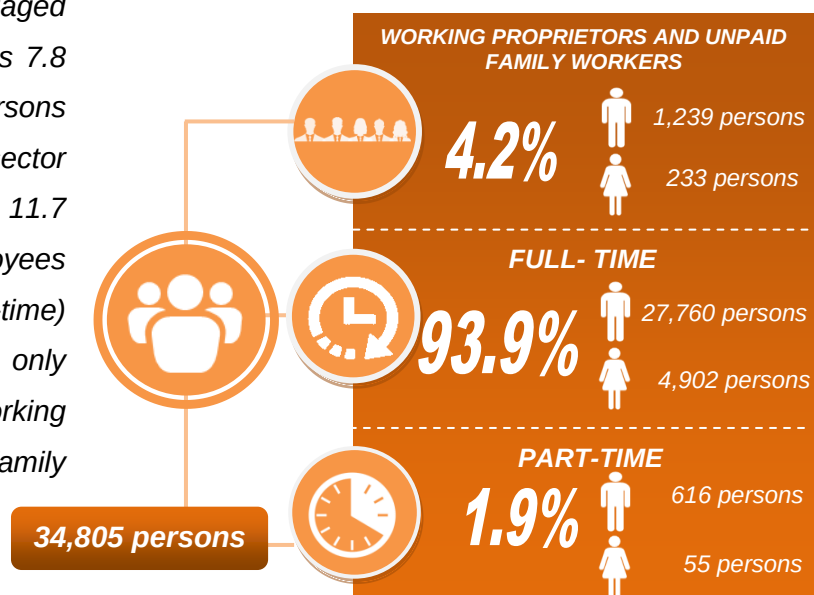
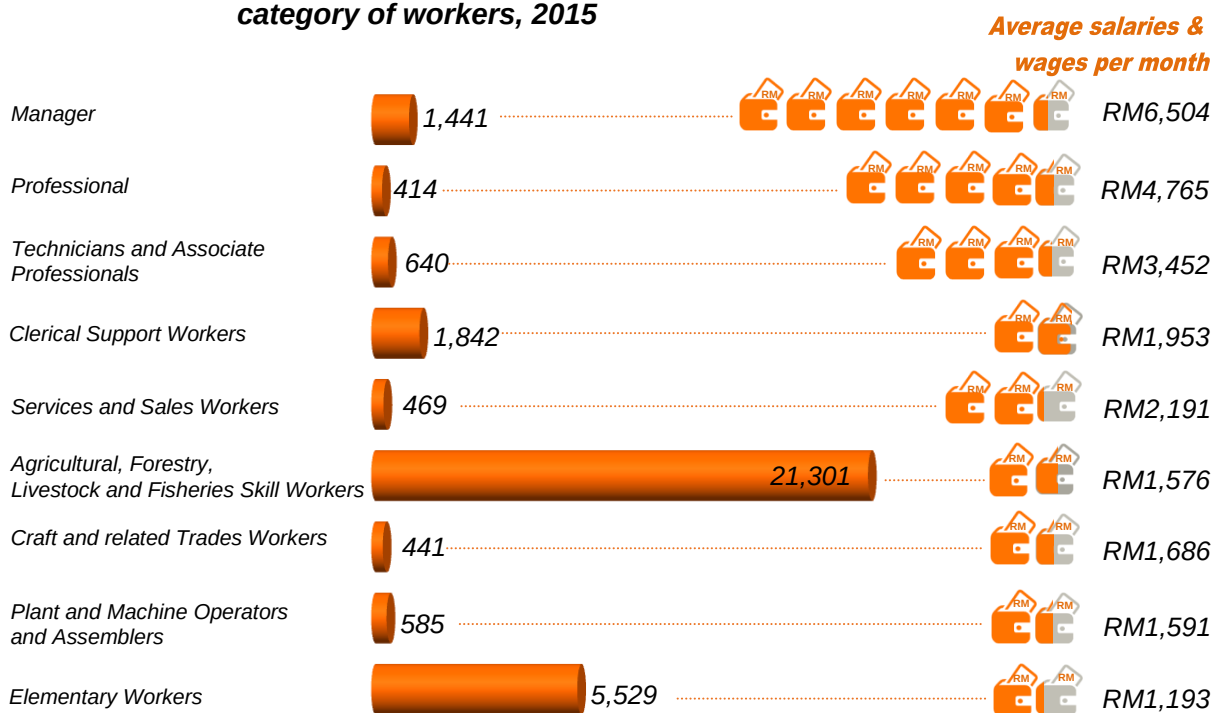


Chart 7: Number of full-time employees and salaries & wages per month by category of workers, 2015



■ 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]

Chart 8 : Women-owned establishments by states, 2015

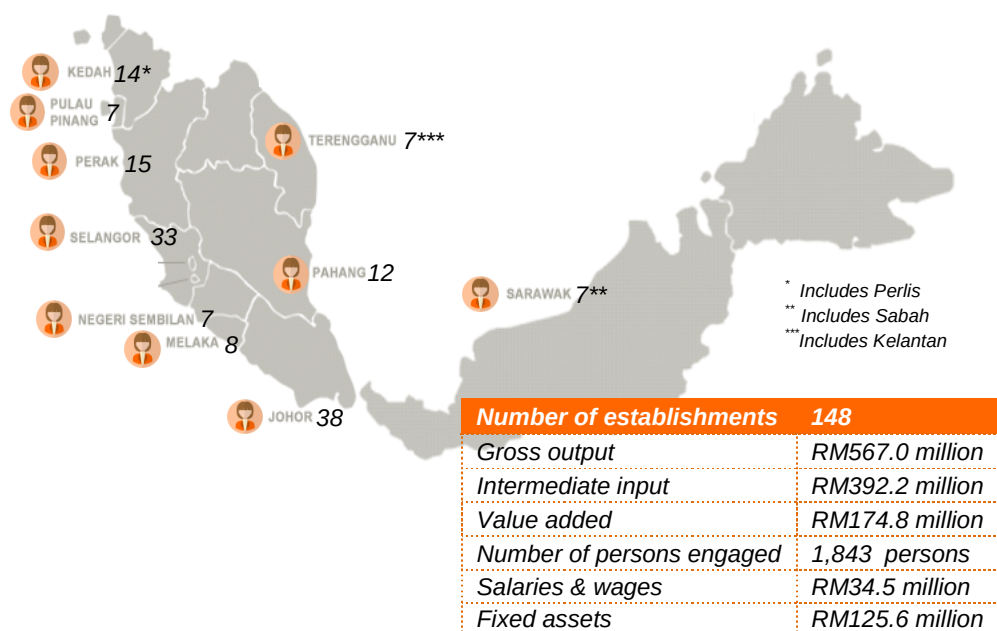
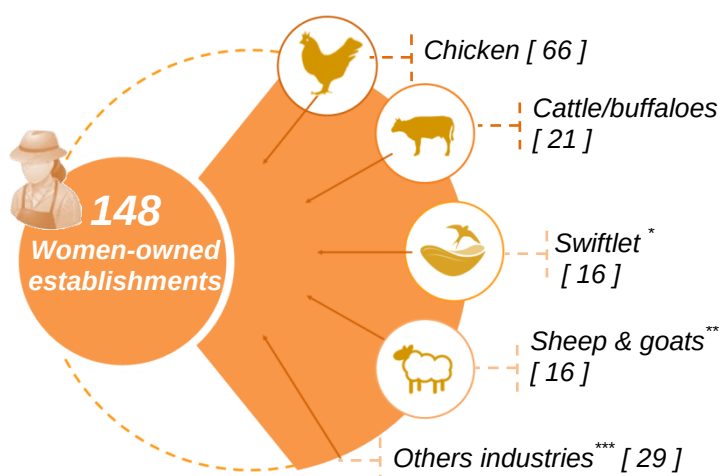


Chart 9 : Women-owned establishment by industry, 2015



*Includes production of honey & beeswax and pet animals.

**Includes production goat's milk.

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

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

[Table B12]

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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*¹ 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.

¹ *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)

- + 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 elektrik 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 Nations Statistical Division¹ 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).

¹ 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 ,

$$r = \left[e^{\frac{1}{t} \ln \left(\frac{y_t}{y_0} \right)} - 1 \right] \times 100$$

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>></i>	<i>more than</i>
<i><</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 & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	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 ¹	4,885	38,379,515	15,844,826	22,534,691	332,137	3,332,511	36,348,750
	2005	5,223	21,668,695	11,512,973	10,155,722	259,721	2,412,688	37,085,939
Tanaman <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
Ternakan <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
Perhutanan & pembalakan <i>Forestry & 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 ¹	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	2005	250	3,801,941	2,575,592	1,226,349	16,444	281,697	1,168,695
Perikanan <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: ¹ Subsektor perhutanan & pembalakan 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 <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>		11,628	73,853,582	32,380,202	41,473,380	444,531	7,904,294	80,947,185
Tanaman <i>Crops</i>		8,029	50,763,314	16,453,791	34,309,524	368,002	6,125,776	72,829,926
Penanaman tanaman tidak kekal <i>Growing of non-perennial crops</i>	011	1,138	1,168,800	667,514	501,286	14,959	222,357	3,514,212
Penanaman tanaman kekal <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
Pembiakan tumbuhan <i>Plant propagation</i>	013	279	338,742	157,396	181,346	3,163	53,700	504,615
Pertanian campuran <i>Mixed farming</i>	015	7	3,614	1,859	1,756	67	1,089	10,828
Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian ¹ <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
Ternakan <i>Livestock</i>		1,604	13,312,065	9,901,812	3,410,253	34,805	726,237	3,799,352
Pengeluaran ternakan <i>Animal production</i>	014	1,600	13,311,272	9,901,601	3,409,670	34,790	725,985	3,798,339
Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak ² <i>Support activities for animal production on a fee of contract basis</i>	016	4	793	211	582	15	253	1,013

Nota: ¹ Merujuk kepada kod industri 01610

Notes: Refers to industry code 01610

² Merujuk kepada kod industri 01620

Refers to industry code 01620

Jadual 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 & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Perhutanan & pembalakan <i>Forestry & logging</i>		766	7,552,190	4,546,162	3,006,028	26,034	737,302	3,127,255
Silvikultur dan aktiviti perhutanan lain <i>Silviculture and other forestry activities</i>	021	22	369,704	125,663	244,041	547	10,093	168,678
Pembalakan <i>Logging</i>	022	460	5,744,630	3,415,176	2,329,454	16,226	479,379	2,616,499
Pengumpulan produk hutan bukan kayu <i>Gathering of non-wood forest products</i>	023	3	699	282	418	10	250	1,186
Perkhidmatan sokongan perhutanan <i>Support service to forestry</i>	024	281	1,437,157	1,005,041	432,116	9,251	247,581	340,892
Perikanan <i>Fisheries</i>		1,229	2,226,012	1,478,437	747,575	15,690	314,979	1,190,651
Perikanan <i>Fisheries</i>	031	417	759,419	472,924	286,494	5,895	116,070	249,756
Akuakultur <i>Aquaculture</i>	032	812	1,466,593	1,005,513	461,081	9,795	198,909	940,895

Jadual A3: Perangkaan utama sektor pertanian mengikut negeri, 2015

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

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

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

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

Taraf sah organisasi <i>Legal organisation</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantara <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	11,628	73,853,582	32,380,202	41,473,380	444,531	7,904,294	80,947,185
Hak milik perseorangan <i>Individual proprietorship</i>	2,828	1,713,792	884,146	829,646	19,253	259,222	3,169,750
Perkongsian <i>Partnership</i>	1,403	1,811,645	1,030,110	781,535	17,307	267,624	1,628,152
Perkongsian liabiliti terhad <i>Limited liabilities partnership</i>	4	2,694	2,009	685	23	376	413
Syarikat sendirian berhad <i>Private limited company</i>	6,759	60,318,993	26,906,717	33,412,276	345,203	6,327,334	63,115,497
Syarikat awam berhad <i>Public limited company</i>	394	9,090,346	3,201,996	5,888,351	57,432	954,924	11,854,563
Syarikat koperasi <i>Co-operative</i>	164	600,285	212,150	388,135	2,970	52,981	672,899
Perbadanan awam <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 & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	11,628	73,853,582	32,380,202	41,473,380	444,531	7,904,294	80,947,185
Residen Malaysia <i>Malaysian residents</i>	11,552	72,964,872	31,843,113	41,121,759	438,647	7,782,309	80,088,973
Bukan residen Malaysia <i>Non-Malaysian residents</i>	72	774,210	505,666	268,544	5,211	108,431	718,036
Hak milik bersama <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 & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
				(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>			11,628	73,853,582	32,380,202	41,473,380	444,531	7,904,294	80,947,185
Kurang daripada <i>Below</i>									
	5		3,732	2,946,780	1,283,432	1,663,348	10,395	123,801	2,858,937
5	-	29	5,027	13,725,178	6,592,698	7,132,480	61,612	1,123,589	17,099,225
30	-	75	1,471	13,076,400	5,682,918	7,393,482	60,640	1,158,551	12,815,219
76	dan lebih <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)
Jumlah <i>Total</i>			11,628	73,853,582	32,380,202	41,473,380	444,531	7,904,294	80,947,185
Kurang daripada <i>Below</i>									
300	-	<3,000	4,716	5,086,320	2,732,224	2,354,096	70,275	1,184,828	13,101,932
3,000	-	<20,000	2,269	18,729,400	9,526,979	9,202,421	175,087	3,110,045	30,806,570
20,000		dan lebih <i>and above</i>	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 nav period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
(RM '000)				(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>			11,628	73,853,582	32,380,202	41,473,380	444,531	7,904,294	80,947,185
Kurang daripada <i>Below</i>									
	50		1,808	1,380,780	1,037,320	343,460	10,164	166,127	445,156
50	-	<100	1,072	718,531	492,987	225,543	5,763	92,359	413,001
100	-	<200	1,285	793,833	520,503	273,330	8,602	141,978	1,103,441
200	-	<500	1,921	2,078,282	1,303,948	774,335	19,181	340,780	2,712,443
500	-	<1,000	1,501	2,460,720	1,582,315	878,405	23,321	407,847	3,870,264
1,000	-	<5,000	2,158	7,843,768	4,942,821	2,900,947	67,747	1,233,417	11,884,177
5,000	-	<10,000	648	5,862,385	3,199,183	2,663,202	52,345	942,407	9,086,309
10,000	-	<50,000	1,093	26,788,245	11,750,813	15,037,432	200,116	3,515,520	36,768,132
50,000	-	<100,000	83	6,784,862	3,548,549	3,236,314	31,803	566,652	8,907,845
100,000	-	<200,000	36	5,483,149	2,413,455	3,069,694	12,532	282,241	3,535,040
200,000		dan lebih and above	23	13,659,027	1,588,308	12,070,719	12,957	214,967	2,221,376

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 & wages paid</i> (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
Jumlah <i>Total</i>	444,531	367,132	77,399	7,904,294
Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Working proprietors and unpaid family workers</i>	6,637	5,398	1,239	n.a
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	5,281	4,473	808	n.a
Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers</i> <i>(all members of family and friends not receiving regular wages)</i>	1,356	925	431	n.a
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	426,943	352,346	74,597	7,830,053
Pengurus <i>Managers</i>	14,018	12,378	1,640	719,857
Profesional <i>Professionals</i>	5,139	4,113	1,026	239,549
Profesional <i>Professionals</i>	4,778	3,814	964	226,024
Penyelidik <i>Researcher</i>	361	299	62	13,525
Juruteknik dan Profesional bersekutu <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 & wages paid</i> (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
Pekerja Sokongan Perkeranian <i>Clerical Support Workers</i>	21,459	7,119	14,340	470,003
Pekerja Perkhidmatan dan Jualan <i>Services and Sales Worker</i>	2,336	1,779	557	53,045
Pekerja Mahir Pertanian, Perhutanan, Penternakan dan Perikanan <i>Agricultural, Forestry, Livestock and Fisheries Skills Worker</i>	330,155	279,816	50,339	5,386,054
Diambil secara langsung <i>Directly employed</i>	283,084	238,161	44,923	4,621,235
Diambil melalui kontraktor buruh <i>Employed through labour contractors</i>	47,071	41,655	5,416	764,819
Pekerja Kemahiran dan Pekerja Pertukangan yang berkaitan <i>Craft and related Trades Workers</i>	6,664	6,256	408	111,578
Operator Mesin dan Loji, dan Pemasang <i>Plant and Machine Operators and Assemblers</i>	9,629	8,927	702	184,290
Pekerja Asas <i>Elementary Workers</i>	27,885	22,962	4,923	369,635
Jumlah pekerja bergaji (sambilan) <i>Total paid employees (part-time)</i>	10,951	9,388	1,563	74,241

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>	
Jumlah <i>Total</i>		11,628	444,531	6,637	426,943	10,951	101,521
Tanaman <i>Crops</i>		8,029	368,002	3,777	355,041	9,184	90,022
Penanaman tanaman tidak kekal <i>Growing of non-perennial crops</i>	011	1,138	14,959	1,362	12,614	983	1,263
Penanaman tanaman kekal <i>Growing of perennial crops</i>	012	6,149	340,207	1,874	330,517	7,816	76,331
Pembiakan tumbuhan <i>Plant propagation</i>	013	279	3,163	206	2,824	133	8,515
Pertanian campuran <i>Mixed farming</i>	015	7	67	4	62	1	15
Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian¹ <i>Support activities to agriculture and post-harvest crops activities</i>	016	456	9,606	331	9,024	251	3,898
Ternakan <i>Livestock</i>		1,604	34,805	1,472	32,662	671	3,202
Pengeluaran ternakan <i>Animal production</i>	014	1,600	34,790	1,471	32,648	671	3,202
Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak² <i>Support activities for animal production on a fee of contract basis</i>	016	4	15	1	14	-	-

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

² Merujuk kepada kod industri 01620
Refers to industry code 01620

Jadual 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>	
Perhutanan & pembalakan <i>Forestry & logging</i>		766	26,034	394	25,106	534	7,029
Silvikultur dan aktiviti perhutanan lain <i>Silviculture and other forestry activities</i>	021	22	547	17	503	27	28
Pembalakan <i>Logging</i>	022	460	16,226	269	15,673	284	5,416
Pengumpulan produk hutan bukan kayu <i>Gathering of non-wood forest products</i>	023	3	10	-	9	1	-
Perkhidmatan sokongan perhutanan <i>Support service to forestry</i>	024	281	9,251	108	8,921	222	1,585
Perikanan <i>Fisheries</i>		1,229	15,690	994	14,134	562	1,268
Perikanan <i>Fisheries</i>	031	417	5,896	448	5,124	324	350
Akuakultur <i>Aquaculture</i>	032	812	9,794	546	9,010	238	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 & wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i> (RM '000)	Perempuan <i>Female</i> (RM '000)
Jumlah <i>Total</i>		444,531	367,132	77,399	5,398	1,239	361,734	76,160	6,627,766	1,276,527
Tanaman <i>Crops</i>		368,002	300,792	67,210	2,978	799	297,814	66,411	5,082,611	1,043,165
Penanaman tanaman tidak kekal <i>Growing of non-perennial crops</i>	011	14,959	12,656	2,303	1,048	314	11,608	1,989	187,353	35,004
Penanaman tanaman kekal <i>Growing of perennial crops</i>	012	340,207	276,894	63,313	1,493	381	275,401	62,932	4,707,304	982,515
Pembiakan tumbuhan <i>Plant propagation</i>	013	3,163	2,545	618	157	49	2,388	569	43,512	10,189
Pertanian campuran <i>Mixed farming</i>	015	67	58	9	3	1	55	8	970	120
Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian¹ <i>Support activities to agriculture and post-harvest crops activities</i>	016	9,606	8,639	967	277	54	8,362	913	143,473	15,337
Ternakan <i>Livestock</i>		34,805	29,615	5,190	1,239	233	28,376	4,957	612,413	113,824
Pengeluaran ternakan <i>Animal production</i>	014	34,790	29,603	5,187	1,238	233	28,365	4,954	612,199	113,786
Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak² <i>Support activities for animal production on a fee of contract basis</i>	016	15	12	3	1	-	11	3	214	39

Nota: ¹ Merujuk kepada kod industri 01610

Notes: Refers to industry code 01610

² Merujuk kepada kod industri 01620

Refers to industry code 01620

Jadual A11: 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 & 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)
Perhutanan & pembalakan <i>Forestry & logging</i>		26,034	22,725	3,309	336	58	22,389	3,251	650,087	87,215
Silvikultur dan aktiviti perhutanan lain <i>Silviculture and other forestry activities</i>	021	547	457	90	12	5	445	85	8,315	1,777
Pembalakan <i>Logging</i>	022	16,226	13,980	2,246	240	29	13,740	2,217	417,568	61,811
Pengumpulan produk hutan bukan kayu <i>Gathering of non-wood forest products</i>	023	10	9	1	-	-	9	1	238	11
Perkhidmatan sokongan perhutanan <i>Support service to forestry</i>	024	9,251	8,279	972	84	24	8,195	948	223,966	23,615
Perikanan <i>Fishing</i>		15,690	14,000	1,690	845	149	13,155	1,541	282,655	32,324
Perikanan <i>Fishing</i>	031	5,896	5,355	541	395	53	4,960	488	106,800	9,270
Akuakultur <i>Aquaculture</i>	032	9,794	8,645	1,149	450	96	8,195	1,053	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)
Jumlah <i>Total</i>	81,615,793	3,648,593	1,041,581	675,583	4,010,744	80,947,185
Harta tetap <i>Fixed assets</i>	67,958,032	2,660,562	569,443	587,043	3,714,535	66,921,658
Tanah <i>Land</i>	45,838,051	703,802	238,598	508,872	1,069,207	45,742,919
Bangunan dan binaan lain <i>Buildings and other construction</i>	9,154,699	764,633	54,242	16,227	743,485	9,137,833
Tempat kediaman <i>Residential</i>	3,035,013	253,044	9,543	1,538	277,719	3,002,333
Bukan tempat kediaman <i>Non-residential</i>	4,579,760	355,119	35,578	5,638	323,402	4,581,537
Binaan lain kecuali pembangunan tanah <i>Other construction except land improvement</i>	1,539,925	156,470	9,121	9,052	142,364	1,553,962
Pembangunan tanah <i>Land improvement</i>	2,951,072	166,473	44,439	7,076	159,239	2,920,942
Alat pengangkutan <i>Transport equipment</i>	4,365,737	473,780	95,590	31,839	859,471	3,916,294
Kereta penumpang <i>Passenger cars</i>	256,401	22,099	4,138	1,099	53,535	221,925
Kenderaan perdagangan <i>Commercial vehicles</i>	2,365,364	211,320	51,255	9,082	440,534	2,093,977
Lain-lain <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)
Teknologi Maklumat dan Telekomunikasi <i>Information and Communications Technology</i>	308,855	16,352	1,338	8,096	51,812	280,154
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
Harta lain <i>Other assets</i>	13,657,761	988,031	472,138	88,541	296,209	13,965,986
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
Perbelanjaan Penyelidikan dan pembangunan <i>Research and development expenditure</i>	n.a.	n.a.	n.a.	n.a.	n.a.	59,540

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 perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah	2015	1,541	5,228,585	2,404,016	2,824,569	39,840	738,176	8,739,404
<i>Total</i>	2010	580	1,162,275	516,505	646,219	11,754	135,261	1,357,469

Tanaman	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

Ternakan	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

Perhutanan & pembalakan	2015	72	498,547	345,363	153,185	2,572	67,360	114,567
<i>Forestry & logging</i>	2010	18	121,222	62,134	59,088	606	12,079	12,096

Perikanan	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 <i>States</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	1,541	5,228,585	2,404,016	2,824,569	39,840	738,176	8,739,404
Johor	256	684,247	278,440	405,807	6,356	112,169	1,908,952
Kedah	106	162,635	69,426	93,209	980	16,111	125,419
Kelantan	36	55,288	28,251	27,038	790	16,237	63,702
Melaka	81	544,652	130,442	414,210	2,250	38,477	224,608
Negeri Sembilan	62	64,629	32,210	32,419	500	8,681	171,746
Pahang	161	414,275	265,048	149,227	2,883	49,767	975,055
Perak	169	335,179	143,071	192,107	2,752	51,735	493,189
Perlis	7	1,874	1,412	462	28	184	2,598
Pulau Pinang	59	226,636	124,276	102,360	659	10,785	115,789
Sabah¹	299	1,163,612	477,106	686,506	13,161	230,201	2,708,041
Sarawak	131	1,096,089	616,169	479,920	7,398	166,230	968,633
Selangor²	143	457,087	225,200	231,888	1,938	35,732	902,320
Terengganu	31	22,382	12,965	9,416	145	1,868	79,351
W.P. Kuala Lumpur	-	-	-	-	-	-	-
W.P. Labuan	-	-	-	-	-	-	-
W.P. Putrajaya	n.a	n.a	n.a	n.a	n.a	n.a	n.a

Nota/Notes : ¹ Termasuk W.P. Labuan/ Includes W.P. Labuan

² 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	
Jumlah Total	11,628	444,531	6,637	426,943	10,951	101,521
Johor	1,992	57,000	967	54,989	1,044	18,195
Kedah	661	11,477	536	10,467	474	1,573
Kelantan	388	11,063	374	10,009	680	387
Melaka	491	11,771	399	11,348	24	735
Negeri Sembilan	589	15,237	374	14,794	69	2,374
Pahang	1,178	41,806	1,048	40,189	569	8,101
Perak	1,563	36,637	929	33,006	2,702	3,120
Perlis	63	326	97	201	28	3
Pulau Pinang	487	4,998	458	4,420	120	154
Sabah	1,941	136,356	458	133,640	2,258	16,132
Sarawak	1,204	80,886	498	78,079	2,309	45,578
Selangor	809	24,927	352	24,195	380	3,480
Terengganu	249	11,767	138	11,341	288	1,686
W.P. Kuala Lumpur	7	203	4	196	3	-
W.P. Labuan	6	77	5	69	3	3
W.P. Putrajaya	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>
Jumlah <i>Total</i>	444,531	195,925	248,606
Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Working proprietors and unpaid family workers</i>	6,637	6,634	3
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	5,281	5,278	3
Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers</i> <i>(all members of family and friends not receiving regular wages)</i>	1,356	1,356	-
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	426,943	183,665	243,278
Pengurus <i>Managers</i>	14,018	13,932	86
Profesional <i>Professionals</i>	5,139	5,080	59
Profesional <i>Professionals</i>	4,778	4,721	57
Penyelidik <i>Researcher</i>	361	359	2
Juruteknik dan Profesional bersekutu <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>
Pekerja Sokongan Perkeranian <i>Clerical Support Workers</i>	21,459	20,768	691
Pekerja Perkhidmatan dan Jualan <i>Services and Sales Worker</i>	2,336	2,097	239
Pekerja Mahir Pertanian, Perhutanan, Penternakan dan Perikanan <i>Agricultural, Forestry, Livestock and Fisheries Skills Worker</i>	330,155	108,322	221,833
Diambil secara langsung <i>Directly employed</i>	283,084	96,183	186,901
Diambil melalui kontraktor buruh <i>Employed through labour contractors</i>	47,071	12,139	34,932
Pekerja Kemahiran dan Pekerja Pertukangan yang berkaitan <i>Craft and related Trades Workers</i>	6,664	3,287	3,377
Operator Mesin dan Loji, dan Pemasang <i>Plant and Machine Operators and Assemblers</i>	9,629	6,641	2,988
Pekerja Asas <i>Elementary Workers</i>	27,885	14,356	13,529
Jumlah pekerja bergaji (sambilan) <i>Total paid employees (part-time)</i>	10,951	5,626	5,325

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>
Jumlah <i>Total</i>	444,531	367,132	77,399
Pascasiswazah <i>Postgraduate</i>	1,662	1,501	161
Ijazah Sarjana Muda/Diploma lanjutan atau setaraf <i>Bachelor/Advances Diploma or equivalent</i>	8,943	7,121	1,822
Diploma <i>Diploma</i>	13,167	9,869	3,298
STPM atau yang setaraf <i>STPM or equivalent</i>	6,791	4,135	2,656
Sijil <i>Certificate</i>	10,917	9,270	1,647
SPM/SPM(V) atau yang setaraf <i>SPM/SPM(V) or equivalent</i>	351,303	289,811	61,492
Di bawah taraf kelulusan SPM/SPM(V) <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 & wages paid</i> (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
Jumlah <i>Total</i>	426,943	352,346	74,597	7,830,053
Mahir <i>High-skilled</i>	28,815	25,487	3,328	1,255,449
Separuh Mahir <i>Semi-skilled</i>	370,243	303,897	66,346	6,204,969
Kurang Mahir <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 States	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>
Jumlah Total	28,815	370,243	27,885
Johor	3,344	47,617	4,028
Kedah	874	8,920	673
Kelantan	655	8,555	799
Melaka	1,136	8,340	1,872
Negeri Sembilan	1,068	12,863	863
Pahang	2,704	35,176	2,309
Perak	2,628	28,712	1,666
Perlis	16	176	9
Pulau Pinang	506	2,669	1,245
Sabah	6,960	120,462	6,218
Sarawak	6,227	65,197	6,655
Selangor	1,861	21,315	1,019
Terengganu	813	10,009	519
W.P. Kuala Lumpur	19	168	9
W.P. Labuan	4	64	1
W.P. Putrajaya	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

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>		1,604	13,312,065	9,901,812	3,410,253	34,805	726,237	3,799,352
Pengeluaran ternakan <i>Animal production</i>	014	1,600	13,311,272	9,901,601	3,409,670	34,790	725,985	3,798,339
Penternakan, pembiakan dan pengeluaran lembu atau kerbau <i>Raising, breeding and production of cattle or buffaloes</i>	01411	236	201,234	120,782	80,452	1,366	23,134	76,036
Pengeluaran susu mentah daripada lembu atau kerbau <i>Production of raw milk from cows or buffaloes</i>	01412	37	79,232	63,818	15,414	666	13,224	137,662
Penternakan, pembiakan dan pengeluaran biri-biri dan kambing <i>Raising, breeding and production of sheep and goats</i>	01441	104	33,379	18,419	14,959	446	5,573	30,181
Pengeluaran susu mentah biri-biri atau kambing <i>Production of raw sheep or goat's milk</i>	01442	8	1,199	724	476	23	288	1,832
Penternakan, pembiakan dan pengeluaran babi <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 & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Penternakan, pembiakan dan pengeluaran ayam, ayam daging <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
Penternakan, pembiakan dan pengeluaran itik <i>Raising, breeding and production of ducks</i>	01462	22	280,506	200,044	80,462	1,003	18,804	66,005
Penternakan, pembiakan dan pengeluaran burung puyuh; Penternakan dan pembiakan unggas lain t.t.t.l <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
Pengeluaran telur ayam <i>Production of chicken eggs</i>	01466	102	2,385,513	1,654,435	731,078	6,077	122,567	749,287
Pengeluaran telur itik <i>Production of duck eggs</i>	01467	12	21,347	18,504	2,843	139	2,141	5,571
Penternakan, pembiakan dan pengeluaran haiwan separuh jinak <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 & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Penternakan lebah dan pengeluaran hasil madu dan lilin lebah <i>Bee keeping and production of honey and beeswax</i>	01495	15	4,553	2,251	2,301	68	983	1,038
Penternakan dan pembiakan haiwan peliharaan <i>Raising and breeding of pet animals</i>	01496	3	264	166	99	10	127	1,689
Penternakan dan pembiakan burung walit <i>Raising and breeding of swiftlet</i>	01497	150	51,912	25,230	26,681	514	7,108	77,629
Penternakan pelbagai/haiwan t.t.t.l <i>Raising of diverse/other animals n.e.c</i>	01499	3	317	97	220	5	109	140
Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian <i>Support activities to agriculture and post-harvest crops activities</i>	016	4	793	211	582	15	253	1,013
Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak <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 <i>States</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	1,604	13,312,065	9,901,812	3,410,253	34,805	726,237	3,799,352
Johor	308	2,558,641	1,665,518	893,122	7,982	171,449	715,929
Kedah	103	458,699	358,704	99,996	1,219	19,204	162,061
Kelantan	45	68,190	48,377	19,813	254	3,718	20,083
Melaka	111	1,976,814	1,626,640	350,174	3,371	68,061	443,466
Negeri Sembilan	109	693,972	544,386	149,585	2,883	62,480	237,050
Pahang	125	267,865	220,757	47,108	1,112	18,222	103,080
Perak	233	2,271,700	1,831,594	440,106	6,760	153,709	658,591
Perlis	15	5,142	4,219	923	51	317	2,419
Pulau Pinang	144	1,821,460	936,528	884,931	2,133	42,219	304,341
Sabah¹	59	1,066,641	862,910	203,731	2,645	49,404	500,589
Sarawak	137	1,014,801	887,594	127,208	2,916	51,348	296,326
Selangor	168	1,028,293	851,099	177,193	3,103	79,974	348,078
Terengganu	47	79,848	63,486	16,362	376	6,133	7,339
W.P. Kuala Lumpur	n.a.	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.	n.a.

Nota:¹ Termasuk W.P. Labuan

Note: Include W.P. Labuan

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

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

Taraf sah organisasi <i>Legal organisation</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	1,604	13,312,065	9,901,812	3,410,253	34,805	726,237	3,799,352
Hak milik perseorangan <i>Individual proprietorship</i>	537	398,102	265,603	132,500	2,685	31,440	93,177
Perkongsian <i>Partnership</i>	380	599,985	434,168	165,817	2,997	39,757	150,158
Perkongsian liabiliti terhad <i>Limited liabilities partnership</i>	4	2,694	2,009	685	23	376	413
Syarikat sendirian berhad <i>Private limited company</i>	669	12,300,664	9,194,827	3,105,837	28,983	653,016	3,549,288
Syarikat awam berhad <i>Public limited company</i>							
Syarikat koperasi <i>Co-operative</i>	10	8,463	4,156	4,307	69	1,008	2,976
Perbadanan awam <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 & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	1,604	13,312,065	9,901,812	3,410,253	34,805	726,237	3,799,352
Residen Malaysia <i>Malaysian residents</i>	1,583	12,806,621	9,543,519	3,263,102	32,891	681,201	3,548,638
Bukan residen Malaysia <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 & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
				(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>			1,604	13,312,065	9,901,812	3,410,253	34,805	726,237	3,799,352

Kurang daripada <i>Below</i>			5	671	331,505	264,147	67,358	1,746	17,064	143,049
5	-	29	703	2,336,370	1,530,320	806,050	7,373	133,352	598,382	
30	-	75	122	2,593,507	1,812,196	781,310	5,920	130,693	785,773	
76	dan lebih <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 & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
(RM '000)				(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>			1,604	13,312,065	9,901,812	3,410,253	34,805	726,237	3,799,352
Kurang daripada <i>Below</i>									
	300		603	61,761	31,854	29,906	1,770	14,947	122,988
300	-	<3,000	578	671,085	458,204	212,881	4,611	73,496	275,379
3,000	-	<20,000	297	2,306,862	1,729,119	577,743	10,410	211,963	872,832
20,000		dan lebih and above	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 Assets size			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 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)	(RM '000)
Jumlah <i>Total</i>			1,604	13,312,065	9,901,812	3,410,253	34,805	726,237	3,799,352
Kurang daripada <i>Less than</i>									
	50		476	497,321	380,084	117,238	2,667	37,402	7,431
50	-	< 100	186	183,757	140,015	43,742	1,018	15,332	13,050
100	-	< 200	188	225,864	162,193	63,672	1,378	21,794	27,157
200	-	< 500	239	454,215	336,211	118,003	2,331	40,056	77,339
500	-	< 1000	187	803,709	642,437	161,272	2,525	46,270	135,992
1,000	-	< 5000	190	2,198,633	1,686,328	512,304	6,714	151,992	430,771
5,000	-	< 10,000	50	1,218,608	982,469	236,139	4,193	96,384	353,168
10,000	-	< 50,000	75	4,946,008	3,145,592	1,800,416	9,890	215,681	1,687,971
50,000		dan lebih and above	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 & wages paid</i> (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
Jumlah <i>Total</i>	34,805	29,615	5,190	726,237
Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Working proprietors and unpaid family workers</i>	1,472	1,239	233	n.a
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	1,202	1,050	152	n.a
Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers</i> <i>(all members of family and friends not receiving regular wages)</i>	270	189	81	n.a
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	32,662	27,760	4,902	720,256
Pengurus <i>Managers</i>	1,441	1,204	237	112,458
Profesional <i>Professionals</i>	414	295	119	23,673
Profesional <i>Professionals</i>	375	263	112	21,999
Penyelidik <i>Researcher</i>	39	32	7	1,674
Juruteknik dan Profesional bersekutu <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 & wages paid</i>
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
Pekerja Sokongan Perkeranian <i>Clerical Support Workers</i>	1,842	379	1,463	43,163
Pekerja Perkhidmatan dan Jualan <i>Services and Sales Worker</i>	469	307	162	12,333
Pekerja Mahir Pertanian, Perhutanan, Penternakan dan Perikanan <i>Agricultural, Forestry, Livestock and Fisheries Skills Worker</i>	21,301	19,524	1,777	402,869
Diambil secara langsung <i>Directly employed</i>	17,765	16,318	1,447	334,136
Diambil melalui kontraktor buruh <i>Employed through labour contractors</i>	3,536	3,206	330	68,733
Pekerja Kemahiran dan Pekerja Pertukangan yang berkaitan <i>Craft and related Trades Workers</i>	441	423	18	8,925
Operator Mesin dan Loji, dan Pemasang <i>Plant and Machine Operators and Assemblers</i>	585	527	58	11,167
Pekerja Asas <i>Elementary Workers</i>	5,529	4,514	1,015	79,155
Jumlah pekerja bergaji (sambilan) <i>Total paid employees (part-time)</i>	671	616	55	5,982

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>	
Jumlah <i>Total</i>		1,604	34,805	1,472	32,662	671	3,202
Pengeluaran ternakan <i>Animal production</i>	014	1,600	34,790	1,471	32,648	671	3,202
Penternakan, pembiakan dan pengeluaran lembu atau kerbau <i>Raising, breeding and production of cattle or buffaloes</i>	01411	236	1,366	250	1,083	33	147
Pengeluaran susu mentah daripada lembu atau kerbau <i>Production of raw milk from cows or buffaloes</i>	01412	37	666	40	611	15	60
Penternakan, pembiakan dan pengeluaran biri-biri dan kambing <i>Raising, breeding and production of sheep and goats</i>	01441	104	446	114	319	13	13
Pengeluaran susu mentah biri-biri atau kambing <i>Production of raw sheep or goat's milk</i>	01442	8	23	9	14	-	2
Penternakan, pembiakan dan pengeluaran babi <i>Raising, breeding and production of swine/pigs</i>	01450	225	4,699	213	4,334	152	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>	
Penternakan, pembiakan dan pengeluaran ayam, ayam daging <i>Raising, breeding and production of chicken, broiler</i>	01461	662	19,673	595	18,720	358	1727
Penternakan, pembiakan dan pengeluaran itik <i>Raising, breeding and production of ducks</i>	01462	22	1,003	11	982	10	94
Penternakan, pembiakan dan pengeluaran burung puyuh; Penternakan dan pembiakan unggas lain t.t.t.l <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
Pengeluaran telur ayam <i>Production of chicken eggs</i>	01466	102	6,077	86	5,939	52	794
Pengeluaran telur itik <i>Production of duck eggs</i>	01467	12	139	10	125	4	-
Penternakan, pembiakan dan pengeluaran haiwan separuh jinak <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>	
Penternakan lebah dan pengeluaran hasil madu dan lilin lebah <i>Bee keeping and production of honey and beeswax</i>	01495	15	68	17	50	1	8
Penternakan dan pembiakan haiwan peliharaan <i>Raising and breeding of pet animals</i>	01496	3	10	1	5	4	-
Penternakan dan pembiakan burung walit <i>Raising and breeding of swiftlet</i>	01497	150	514	104	384	26	53
Penternakan pelbagai/haiwan t.t.t.l <i>Raising of diverse/other animals n.e.c</i>	01499	3	5	2	3	-	-
Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian <i>Support activities to agriculture and post-harvest crops activities</i>	016	4	15	1	14	-	-
Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak <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 <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries & wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i> (RM '000)	Perempuan <i>Female</i> (RM '000)
Jumlah <i>Total</i>		34,805	29,615	5,190	1,239	233	28,376	4,957	612,413	113,824
Pengeluaran ternakan <i>Animal production</i>	014	34,790	29,603	5,187	1,238	233	28,365	4,954	612,199	113,786
Penternakan, pembiakan dan pengeluaran lembu atau kerbau <i>Raising, breeding and production of cattle or buffaloes</i>	01411	1,366	1,290	76	230	20	1,060	56	21,843	1,291
Pengeluaran susu mentah daripada lembu atau kerbau <i>Production of raw milk from cows or buffaloes</i>	01412	666	562	104	35	5	527	99	11,342	1,882
Penternakan, pembiakan dan pengeluaran biri-biri dan kambing <i>Raising, breeding and production of sheep and goats</i>	01441	446	398	48	93	21	305	27	5,162	410
Pengeluaran susu mentah biri-biri atau kambing <i>Production of raw sheep or goat's milk</i>	01442	23	18	5	6	3	12	2	260	28
Penternakan, pembiakan dan pengeluaran babi <i>Raising, breeding and production of swine/pigs</i>	01450	4,699	4,282	417	181	32	4,101	385	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 <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries & wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i> (RM '000)	Perempuan <i>Female</i> (RM '000)
Penternakan, pembiakan dan pengeluaran ayam, ayam daging <i>Raising, breeding and production of chicken, broiler</i>	01461	19,673	16,622	3,051	497	98	16,125	2,953	355,490	71,619
Penternakan, pembiakan dan pengeluaran itik <i>Raising, breeding and production of ducks</i>	01462	1,003	918	85	8	3	910	82	16,974	1,831
Penternakan, pembiakan dan pengeluaran burung puyuh <i>Raising, breeding and production of quails</i>	01464	79	67	12	11	6	56	6	835	104
Penternakan dan pembiakan unggas lain t.t.t.l <i>Raising and breeding of other poultry n.e.c</i>	01465	7	7	-	1	-	6	-	84	-
Pengeluaran telur ayam <i>Production of chicken eggs</i>	01466	6,077	4,788	1,289	64	22	4,724	1,267	96,712	25,855
Pengeluaran telur itik <i>Production of duck eggs</i>	01467	139	124	15	7	3	117	12	1,812	329
Penternakan, pembiakan dan pengeluaran haiwan separuh jinak <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 <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries & wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i> (RM '000)	Perempuan <i>Female</i> (RM '000)
Penternakan lebah dan pengeluaran hasil madu dan lilin lebah <i>Bee keeping and production of honey and beeswax</i>	01495	68	51	17	12	5	39	12	746	236
Penternakan dan pembiakan haiwan peliharaan <i>Raising and breeding of pet animals</i>	01496	10	8	2	-	1	8	1	107	20
Penternakan dan pembiakan burung walit <i>Raising and breeding of swiftlet</i>	01497	514	450	64	90	14	360	50	6,312	795
Penternakan pelbagai/haiwan t.t.t.l <i>Raising of diverse/other animals n.e.c</i>	01499	5	4	1	2	-	2	1	76	34
Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian <i>Support activities to agriculture and post-harvest crops activities</i>	016	15	12	3	1	-	11	3	214	39
Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak <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 Type of assets	Nilai buku bersih seperti pada 01.01.2015 Net book value as at 01.01.2015	Perbelanjaan modal Capital expenditure	Harta yang dijual atau ditamatkan penggunaannya Assets sold or discarded	Keuntungan/Kerugian daripada jualan/penilaian semula harta Gain/loss from sales/ revaluation of assets	Susut nilai semasa Current depreciation	Nilai buku bersih seperti pada 31.12.2015 Net book value as at 31.12.2015
	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
Jumlah Total	3,720,290	379,995	99,254	60,842	267,302	3,799,352
Harta tetap Fixed assets	3,587,027	290,881	56,646	60,746	257,727	3,624,282
Tanah Land	1,301,474	41,854	44,811	44,610	11,102	1,332,025
Bangunan dan binaan lain Buildings and other construction	1,161,513	128,876	3,425	10,051	81,000	1,216,015
Tempat kediaman Residential	85,600	5,292	176	18	2,555	88,179
Bukan tempat kediaman Non-residential	595,992	42,289	1,236	1,525	36,967	601,602
Binaan lain kecuali pembangunan tanah Other construction except land improvement	479,921	81,295	2,013	8,507	41,477	526,234
Pembangunan tanah Land improvement	43,343	4,952	0.0	1,848	3,208	46,935
Alat pengangkutan Transport equipment	298,244	35,875	4,083	1,032	48,860	282,207
Kereta penumpang Passenger cars	22,349	5,876	582	167	3,443	24,367
Kenderaan perdagangan Commercial vehicles	270,214	28,335	3,230	858	44,549	251,628
Lain-lain Others	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)
Teknologi Maklumat dan Telekomunikasi <i>Information and Communications Technology</i>	16,749	672	4	0.0	1,811	15,606
Perkakasan komputer <i>Computer hardware</i>	6,031	274	1	-	878	5,425
Perisian komputer <i>Computer software</i>	7,949	218	-	-	673	7,493
Peralatan telekomunikasi <i>Telecommunication equipment</i>	2,770	181	3	0.0	260	2,688
Jentera dan kelengkapan <i>Machinery and equipment</i>	673,969	66,010	4,249	3,205	98,549	640,385
Perabot dan pemasangan <i>Furniture and fittings</i>	91,735	12,642	73	2	13,198	91,108
Harta lain <i>Other assets</i>	133,263	89,114	42,608	96	9,575	170,289
Muhibah, paten <i>Goodwill, patent</i>	2,104	24,119	15,317	25	-	10,930
Kerja modal dalam pelaksanaan <i>Capital work in-progress</i>	49,554	38,595	23,851	-	-	64,298
Aset biologi <i>Biological assets</i>	65,730	20,474	3,316	-	7,424	75,464
Lain-lain <i>Others</i>	15,874	5,926	123	71	2,151	19,597
Perbelanjaan penyelidikan dan pembangunan <i>Research and development expenditure</i>	n.a.	n.a.	n.a.	n.a.	n.a.	4,781

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 & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>		148	566,998	392,198	174,801	1,843	34,514	125,624
Pengeluaran ternakan <i>Animal production</i>	014	148	566,998	392,198	174,801	1,843	34,514	125,624
Penternakan, pembiakan dan pengeluaran lembu atau kerbau <i>Raising, breeding and production of cattle or buffaloes</i>	01411	21	33,112	21,664	11,448	163	2,825	24,566
Pengeluaran susu mentah daripada lembu atau kerbau <i>Production of raw milk from cows or buffaloes</i>	01412	3	965	360	605	19	301	729
Penternakan, pembiakan dan pengeluaran biri-biri dan kambing; Pengeluaran susu mentah biri-biri atau kambing <i>Raising, breeding and production of sheep and goats; Production of raw sheep or goat's milk</i>	01441 } 01442 }	16	2,487	1,454	1,033	57	478	2,075
Penternakan, pembiakan dan pengeluaran babi <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 & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Penternakan, pembiakan dan pengeluaran ayam, ayam daging <i>Raising, breeding and production of chicken, broiler</i>	01461	66	335,195	208,546	126,650	1,016	18,024	58,958
Penternakan, pembiakan dan pengeluaran burung puyuh <i>Raising, breeding and production of quails</i>	01464	4	805	407	399	14	99	493
Pengeluaran telur ayam; Pengeluaran telur itik <i>Production of chicken eggs; Production of duck eggs</i>	01466 } 01467 }	13	157,466	134,948	22,518	385	8,274	26,621
Penternakan lebah dan pengeluaran hasil madu dan lilin lebah; Penternakan dan pembiakan haiwan peliharaan; Penternakan dan pembiakan burung walit <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 <i>States</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	148	566,998	392,198	174,801	1,843	34,514	125,624
Johor	38	152,598	119,327	33,271	542	11,243	39,297
Kedah¹	14	8,231	6,718	1,513	58	548	1,321
Kelantan	-	-	-	-	-	-	-
Melaka	8	3,673	2,133	1,540	40	399	1,123
Negeri Sembilan	7	8,280	7,869	411	25	357	1,027
Pahang	12	9,091	7,076	2,015	67	651	5,840
Perak	15	41,959	29,022	12,937	288	5,854	5,332
Pulau Pinang	7	122,222	31,652	90,570	239	3,385	25,187
Perlis	-	-	-	-	-	-	-
Sabah	-	-	-	-	-	-	-
Sarawak²	7	154,251	136,791	17,460	238	4,919	18,367
Selangor	33	63,950	49,578	14,372	321	6,905	27,390
Terengganu³	7	2,744	2,032	713	25	255	739
W.P. Kuala Lumpur	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
W.P. Labuan	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
W.P. Putrajaya	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Nota/Note :¹ Termasuk Perlis/Include Perlis
² Termasuk Sabah/Include Sabah
³ 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 States	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>	
Jumlah <i>Total</i>	1,604	34,805	1,472	32,662	671	3,202
Johor	307	7,982	240	7,479	263	1,532
Kedah	103	1,219	101	1,081	37	488
Kelantan	45	254	37	208	9	40
Melaka	111	3,371	108	3,254	9	665
Negeri Sembilan	109	2,883	104	2,762	17	2
Pahang	125	1,112	127	971	14	41
Pulau Pinang	145	2,133	178	1,935	20	1
Perak	232	6,760	186	6,456	118	94
Perlis	15	51	25	19	7	1
Selangor	169	3,103	117	2,962	24	75
Terengganu	47	376	38	335	3	60
Sabah¹	59	2645	23	2543	79	121
Sarawak	137	2,916	188	2,657	71	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:¹ 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>
Jumlah <i>Total</i>	34,805	23,087	11,718
Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Working proprietors and unpaid family workers</i>	1,472	1,472	-
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	1,202	1,202	-
Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap) <i>Unpaid family workers</i> <i>(all members of family and friends not receiving regular wages)</i>	270	270	-
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	32,662	21,099	11,563
Pengurus <i>Managers</i>	1,441	1,426	15
Profesional <i>Professionals</i>	414	406	8
Profesional <i>Professionals</i>	375	367	8
Penyelidik <i>Researcher</i>	39	39	-
Juruteknik dan Profesional bersekutu <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>
Pekerja Sokongan Perkeranian <i>Clerical Support Workers</i>	1,842	1,793	49
Pekerja Perkhidmatan dan Jualan <i>Services and Sales Workers</i>	469	441	28
Pekerja Mahir Pertanian, Perhutanan, Penternakan dan Perikanan <i>Agricultural, Forestry, Livestock and Fisheries Skills Worker</i>	21,301	12,287	9,014
Diambil secara langsung <i>Directly employed</i>	17,765	10,071	7,694
Diambil melalui kontraktor buruh <i>Employed through labour contractors</i>	3,536	2,216	1,320
Pekerja Kemahiran dan Pekerja Pertukangan yang berkaitan <i>Craft and related Trades Workers</i>	441	404	37
Operator Mesin dan Loji, dan Pemasang <i>Plant and Machine Operators and Assemblers</i>	585	437	148
Pekerja Asas <i>Elementary Workers</i>	5,529	3,295	2,234
Jumlah pekerja bergaji (sambilan) <i>Total paid employees (part-time)</i>	671	516	155

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 <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>
Jumlah <i>Total</i>	34,805	29,615	5,190
Pascasiswazah <i>Postgraduate</i>	83	69	14
Ijazah Sarjana Muda/Diploma Lanjutan atau yang setaraf <i>Bachelor/Advances Diploma or equivalent</i>	876	645	231
Diploma <i>Diploma</i>	1,731	1,208	523
STPM atau yang setaraf <i>STPM or equivalent</i>	1,049	660	389
Sijil <i>Certificate</i>	2,297	1,996	301
SPM/SPM(V) atau yang setaraf <i>SPM/SPM(V) or equivalent</i>	11,493	9,587	1,906
Di bawah taraf kelulusan SPM/SPM(V) <i>Below SPM/SPM(V) qualification</i>	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 & wages paid</i> (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
Jumlah <i>Total</i>	32,662	27,760	4,902	720,256
Mahir <i>High-skilled</i>	2,495	2,086	409	162,645
Separuh Mahir <i>Semi-skilled</i>	24,638	21,160	3,478	478,456
Kurang Mahir <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
Jumlah Total	2,495	24,638	5,529
Johor	484	5,217	1,778
Kedah	126	793	162
Kelantan	27	54	127
Melaka	252	2,212	790
Negeri Sembilan	148	2,329	285
Pahang	85	727	159
Perak	447	5,518	491
Perlis	2	14	3
Pulau Pinang	155	989	791
Sabah¹	247	2,020	276
Sarawak	198	2,192	267
Selangor	285	2,289	388
Terengganu	39	284	12
W.P. Kuala Lumpur	n.a.	n.a.	n.a.
W.P. Labuan	-	-	-
W.P. Putrajaya	n.a.	n.a.	n.a.

Nota:¹ Termasuk W.P. Labuan
Note: Include W.P. Labuan

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

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

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

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

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

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

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

Kumpulan Group	Perkara Item	Keterangan Description	MSIC 2000
024	Perkhidmatan sokongan perhutanan <i>Support services to forestry</i>		
	02401	Menjalankan sebahagian operasi perhutanan dan ladang hutan berdasarkan bayaran atau secara kontrak untuk aktiviti perkhidmatan perhutanan <i>Carrying out part of the forestry and forest plantation operation on a fee or contract basis for forestry service activities</i>	02009p, 74141p
	02402	Menjalankan sebahagian operasi perhutanan berdasarkan bayaran atau secara kontrak untuk aktiviti perkhidmatan pembalakan <i>Carrying out part of the forestry operation on a fee or contract basis for logging service activities</i>	02009p
031	Perikanan <i>Fisheries</i>		
	03111	Perikanan komersil di laut dan perairan pantai <i>Fishing on a commercial basis in ocean and coastal waters</i>	05001p
	03112	Pemungutan krustasia dan moluska laut <i>Collection of marine crustaceans and molluscs</i>	05001p
	03113	Pengambilan haiwan akuatik : sea squirts, tunikat, landak laut <i>Taking of aquatic animals: sea squirts, tunicates, sea urchins</i>	05001p
	03114	Aktiviti atas vessel yang melibatkan penangkapan, pemprosesan dan pengawetan ikan <i>Activities of vessels engaged both in fishing and in processing and preserving of fish</i>	05001p
	03115	Pengumpulan organisma perikanan dan hasil laut lain (tiram semulajadi, span, batu karang dan alga) <i>Gathering of other marine organisms and materials (natural pearls, sponges, coral and algae)</i>	05001p
	03119	Perikanan laut t.t.t.l <i>Marine fishing n.e.c</i>	05009p
	03121	Perikanan komersil di darat <i>Fishing on a commercial basis in inland waters</i>	05002p
	03122	Pengambilan krustasia dan moluska air tawar <i>Taking of freshwater crustaceans and molluscs</i>	05002p
	03123	Pengambilan haiwan akuatik air tawar <i>Taking of freshwater aquatic animals</i>	05002p
	03124	Pengumpulan flora dan fauna air tawar <i>Gathering of freshwater flora and fauna</i>	05002p

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

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

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