



MALAYSIA

ISBN 978-983-9044-61-4

BANCI EKONOMI *ECONOMIC CENSUS*

2011

PERHUTANAN DAN PEMBALAKAN
FORESTRY AND LOGGING



Jabatan Perangkaan
MALAYSIA

"PENJANA STATISTIK NEGARA"

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS, MALAYSIA



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

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

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

DR. HAJI ABDUL RAHMAN BIN HASAN

Ketua Perangkawan

Malaysia

SEPTEMBER 2012



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

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

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

DR. HAJI ABDUL RAHMAN BIN HASAN

Chief Statistician

Malaysia

SEPTEMBER 2012

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SEKSYEN A

SECTION A

RINGKASAN PENEMUAN SEKTOR PERTANIAN

SUMMARY FINDINGS OF THE AGRICULTURE SECTOR





SEKTOR PERTANIAN

1. PENDAHULUAN

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

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

Jadual 1.1

Prestasi keseluruhan sektor pertanian bagi 2005 dan 2010

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

2. LIPUTAN PERTUBUHAN PERTANIAN

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

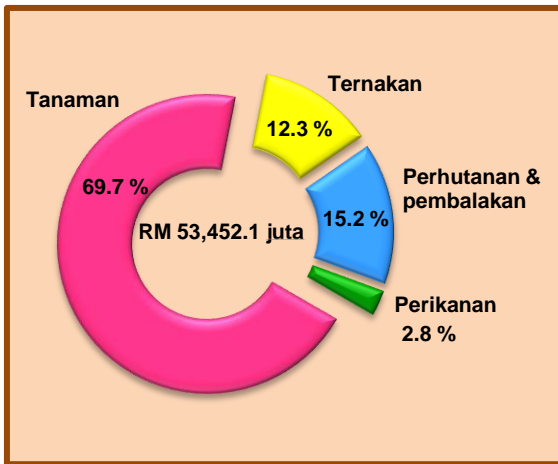


3. NILAI OUTPUT KASAR

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

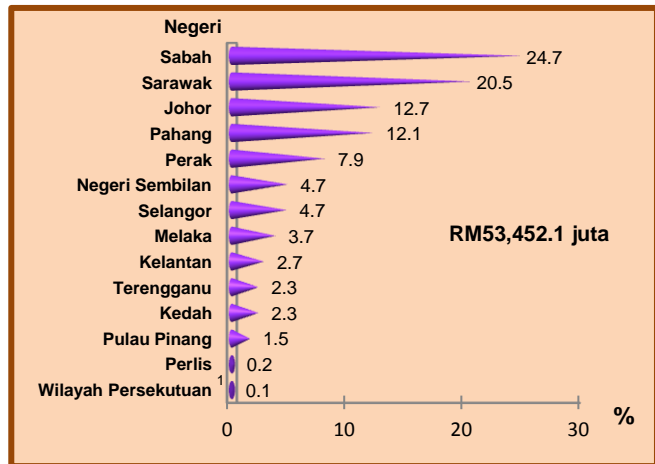
Carta 3.1

Peratus nilai output kasar mengikut subsektor, 2010



Carta 3.2

Peratus nilai output kasar sektor pertanian mengikut negeri, 2010



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

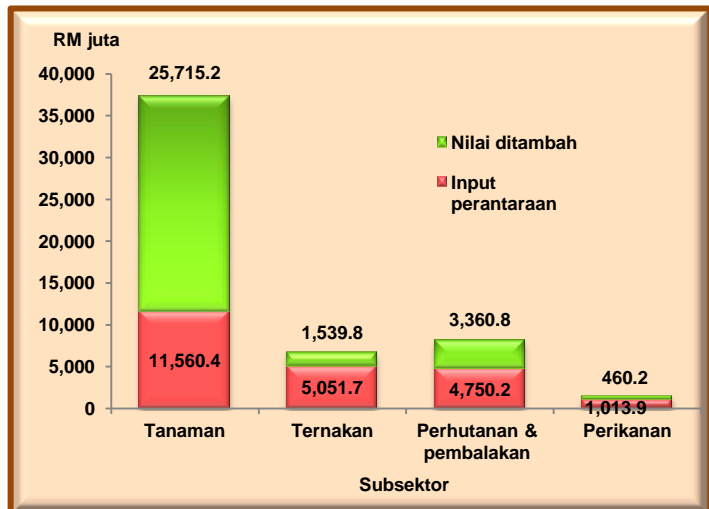
Sabah dan Sarawak mencatatkan output kasar tertinggi berbanding dengan negeri lain iaitu masing-masing 24.7 dan 20.5 peratus daripada jumlah output kasar pertanian (Carta 3.2).

4. NILAI DITAMBAH

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

Carta 4.1

Nilai ditambah dan input perantara sektor pertanian, 2010





5. GUNA TENAGA DAN GAJI & UPAH

5.1 Mengikut Jantina dan Kategori Pekerja

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

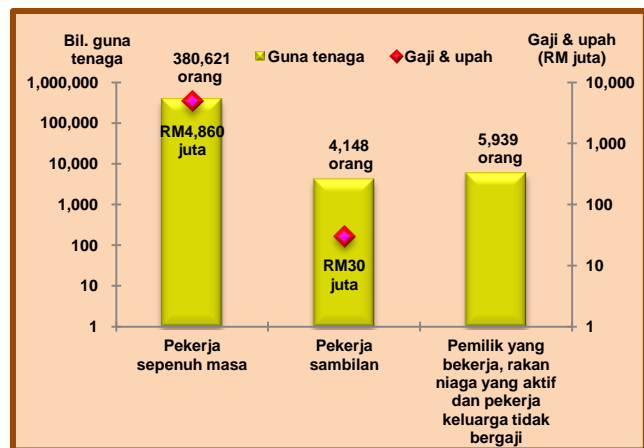
Carta 5.1

Peratus guna tenaga sektor pertanian mengikut jantina, 2010



Carta 5.2

Guna tenaga dan gaji & upah sektor pertanian, 2010



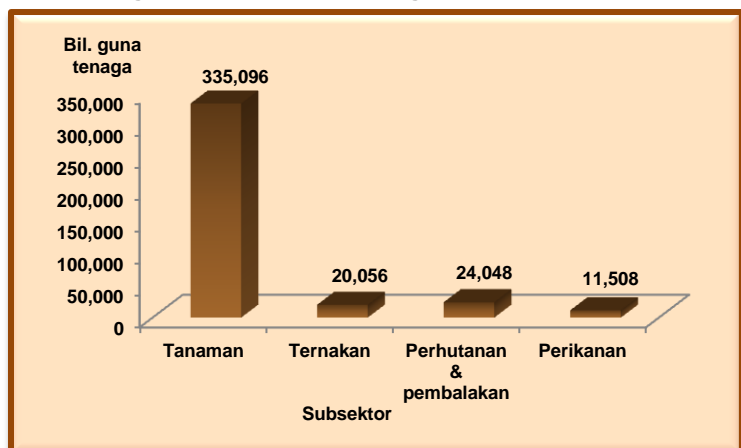
Daripada keseluruhan pekerja bergaji, pekerja sepenuh masa mencatatkan seramai 380,621 orang (98.9%) dan 4,148 orang (1.1%) adalah pekerja sambilan dengan jumlah gaji & upah yang dibayar sebanyak RM4,890.0 juta (Carta 5.2).

5.2 Mengikut Subsektor

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

Carta 5.3

Guna tenaga sektor pertanian mengikut subsektor, 2010





5.3 Mengikut Negeri

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

Jadual 5.1

Purata gaji & upah sebulan sektor pertanian mengikut negeri, 2010

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

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



6. NILAI HARTA TETAP

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

Jadual 6.1

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

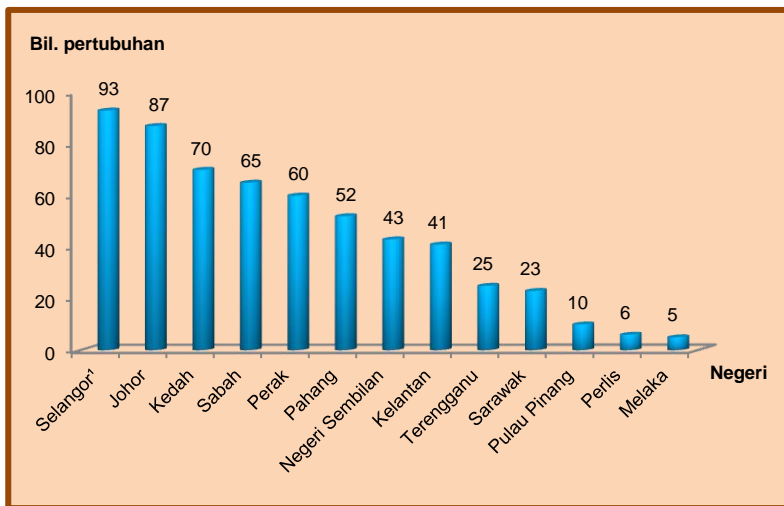
Subsektor	Nilai harta tetap (RM juta)		Kadar pertumbuhan tahunan (%)
	2005	2010	
Tanaman	34,091.1	35,149.4	0.6
Ternakan	1,664.1	1,859.7	2.3
Perhutanan & pembalakan	1,168.7	2,173.6	13.2
Perikanan	162.0	905.5	41.1
Jumlah	37,085.9	40,088.2	1.6

7. PERTUBUHAN MILIKAN WANITA

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

Carta 7.1

Bilangan pertubuhan milikan wanita sektor pertanian mengikut negeri, 2010



Nota : ¹ Termasuk Wilayah Persekutuan Kuala Lumpur

Enam negeri utama yang mencatatkan bilangan pertubuhan tertinggi yang dimiliki oleh wanita adalah Selangor¹ (93), Johor (87), Kedah (70), Sabah (65), Perak (60) dan Pahang (52). Kenam-enam negeri ini mewakili 73.6 peratus daripada jumlah pertubuhan milikan wanita bagi sektor pertanian. Carta 7.1 menunjukkan bilangan pertubuhan yang dimiliki oleh wanita dalam sektor pertanian pada 2010 mengikut negeri.



AGRICULTURE SECTOR

1. INTRODUCTION

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

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

Table 1.1

Overall performance of the agriculture sector for 2005 and 2010

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

2. COVERAGE OF ESTABLISHMENTS

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



3. VALUE OF GROSS OUTPUT

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

Chart 3.1

Percentage value of gross output by sub-sector, 2010

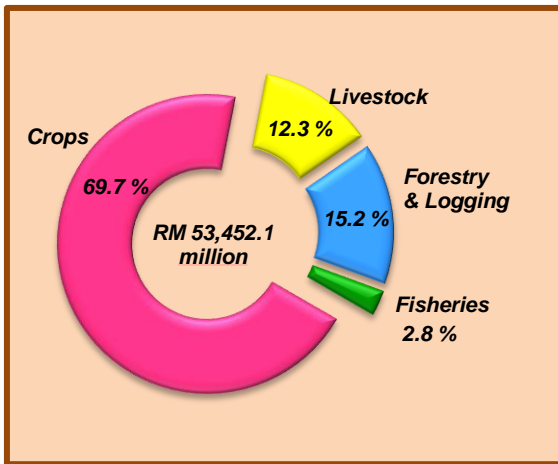
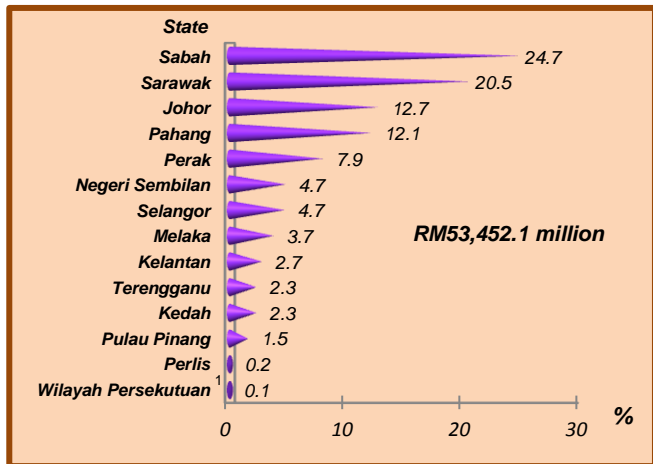


Chart 3.2

Percentage value of gross output agriculture sector by state, 2010



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

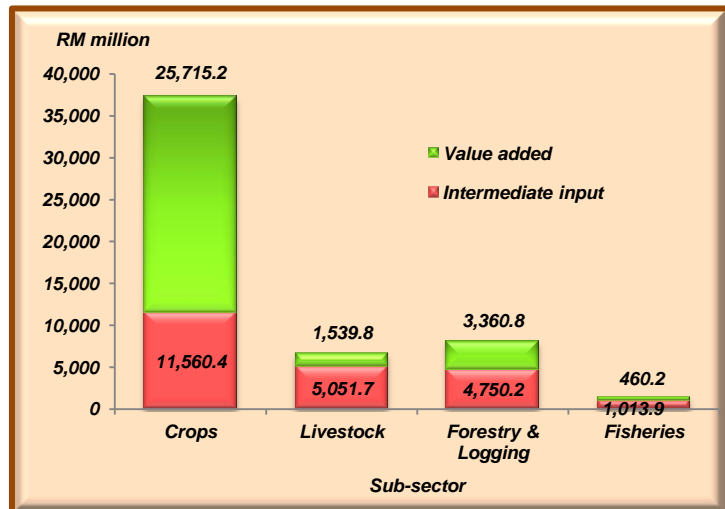
Sabah and Sarawak recorded the highest gross output compared to other states with 24.7 and 20.5 per cent of total agriculture gross output respectively (Chart 3.2).

4. VALUE ADDED

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

Chart 4.1

Value added and intermediate inputs in agriculture sector, 2010





5. EMPLOYMENT AND SALARIES & WAGES

5.1 By Gender and Category of Workers

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

Chart 5.1

Percentage of employment in agriculture sector by gender, 2010

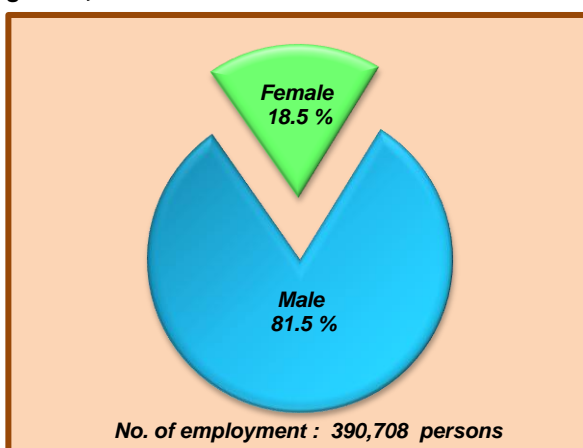
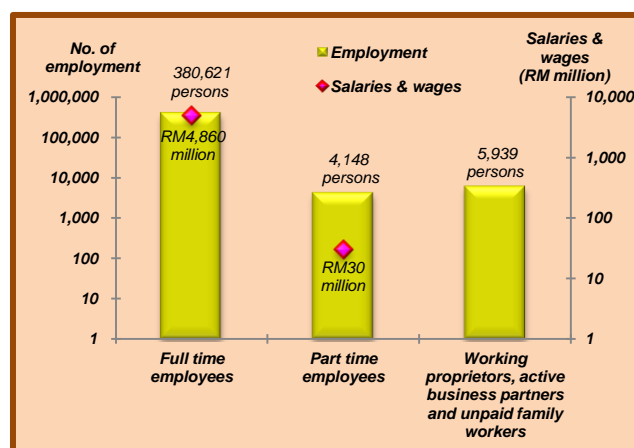


Chart 5.2

Employment and salaries & wages in agriculture sector, 2010



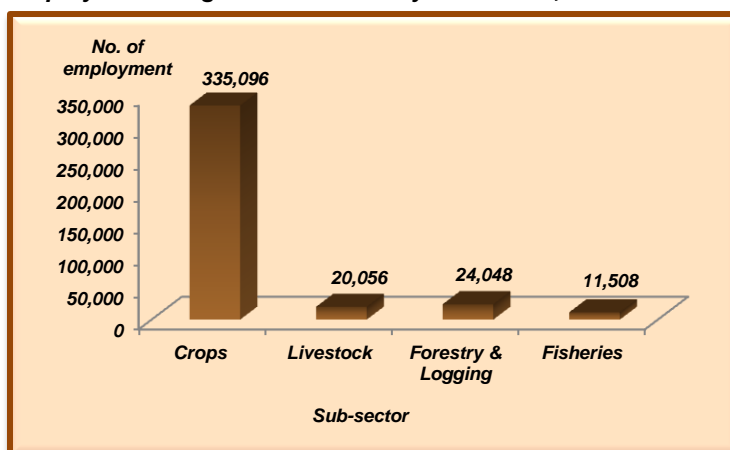
A total 380,621 persons (98.9%) of the paid employees were full time employees while 4,148 persons (1.1%) were part-time employees with a total of RM4,890.0 million paid as salaries & wages (Chart 5.2).

5.2 By Sub-sector

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

Chart 5.3

Employment in agriculture sector by sub-sector, 2010





5.3 By State

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

Table 5.1

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

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

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



6. VALUE OF FIXED ASSETS

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

Table 6.1

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

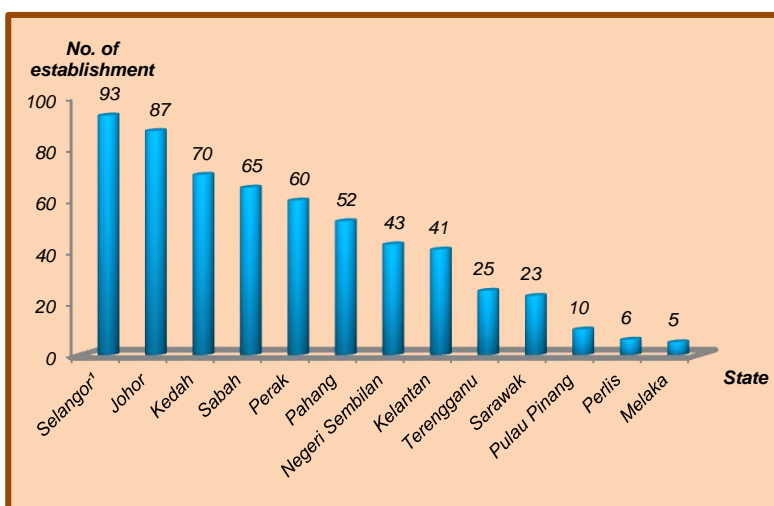
Sub-sector	Value of fixed assets (RM million)		Annual growth rate (%)
	2005	2010	
Crops	34,091.1	35,149.4	0.6
Livestock	1,664.1	1,859.7	2.3
Forestry & logging	1,168.7	2,173.6	13.2
Fisheries	162.0	905.5	41.1
Total	37,085.9	40,088.2	1.6

7. WOMEN-OWNED ESTABLISHMENTS

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

Chart 7.1

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



Note : ¹ Includes Wilayah Persekutuan Kuala Lumpur

Six main states, which recorded the highest number of establishments owned by women are Selangor¹ (93), Johor (87), Kedah (70), Sabah (65), Perak (60) and Pahang (52). These six states represent 73.6 per cent of women-owned establishments for the agriculture sector. Chart 7.1 shows the number of establishments owned by women in agriculture in 2010 by state.

SEKSYEN B

SECTION B

RINGKASAN PENEMUAN SUBSEKTOR PERHUTANAN DAN PEMBALAKAN

SUMMARY FINDINGS OF THE FORESTRY AND LOGGING SUB-SECTOR





SUBSEKTOR PERHUTANAN DAN PEMBALAKAN

1. PRESTASI KESELURUHAN

Jadual 1.1 memaparkan perbandingan perangkaan utama subsektor perhutanan dan pembalakan dalam Banci Ekonomi tahun rujukan 2005 dan 2010 bagi melihat prestasi dan perkembangan subsektor ini. Berdasarkan hasil dari kedua-dua banci tersebut, keseluruhan perangkaan utama bagi subsektor ini mencatatkan peningkatan yang memberangsangkan. Kadar pertumbuhan tahunan pada angka dua digit direkod untuk keseluruhan perangkaan utama kecuali guna tenaga.

Jadual 1.1

Perangkaan utama bagi subsektor perhutanan dan pembalakan, 2005 dan 2010

Perangkaan utama	2005	2010	Kadar pertumbuhan tahunan (%)
Pertubuhan (bilangan)	250	537	16.5
Nilai output kasar (RM juta)	3,801.9	8,111.0	16.4
Nilai input perantaraan (RM juta)	2,575.6	4,750.2	13.0
Nilai ditambah (RM juta)	1,226.3	3,360.8	22.3
Guna tenaga (bilangan)	16,444	24,048	7.9
Gaji & upah (RM juta)	281.7	553.8	14.5
Nilai harta tetap (RM juta)	1,168.7	2,173.6	13.2

Sejumlah 537 pertubuhan beroperasi pada 2010 berbanding 250 pertubuhan pada 2005 dengan kadar pertumbuhan tahunan 16.5 peratus. Nilai output kasar dan nilai ditambah yang dijana pada 2010 masing-masing meningkat kepada RM8,111.0 juta (16.4%) dan RM3,360.8 juta (22.3%) berbanding RM3,801.9 juta dan RM1,226.3 juta pada 2005 (Jadual 1.1).

Jadual 1.2

Bilangan guna tenaga dan gaji & upah mengikut kategori, 2005 dan 2010

Kategori guna tenaga	Bilangan		Kadar pertumbuhan tahunan (%)	Gaji & upah (RM'000)		Kadar pertumbuhan tahunan (%)
	2005	2010		2005	2010	
Jumlah	16,444	24,048	7.9	281,697	553,752	14.5
Pemilik bekerja ¹	66	265	32.1	n.a	n.a	n.a
Pekerja sepenuh masa	16,062	23,460	7.9	277,454	549,155	14.6
Pekerja sambilan	316	323	0.4	4,243	4,597	1.6

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



Guna tenaga turut menunjukkan aliran yang sama dengan peningkatan seramai 7,604 orang kepada 24,048 orang pada 2010 dengan kadar pertumbuhan tahunan 7.9 peratus. Peningkatan ini turut menyumbang kepada pertambahan gaji & upah RM281.7 juta kepada RM553.8 juta. Pekerja sepenuh masa mencatatkan peningkatan purata gaji & upah tahunan sebanyak 6.3 peratus setahun kepada RM23,408 pada 2010 berbanding RM17,274 pada 2005 (Jadual 1.1 dan Jadual 1.2).

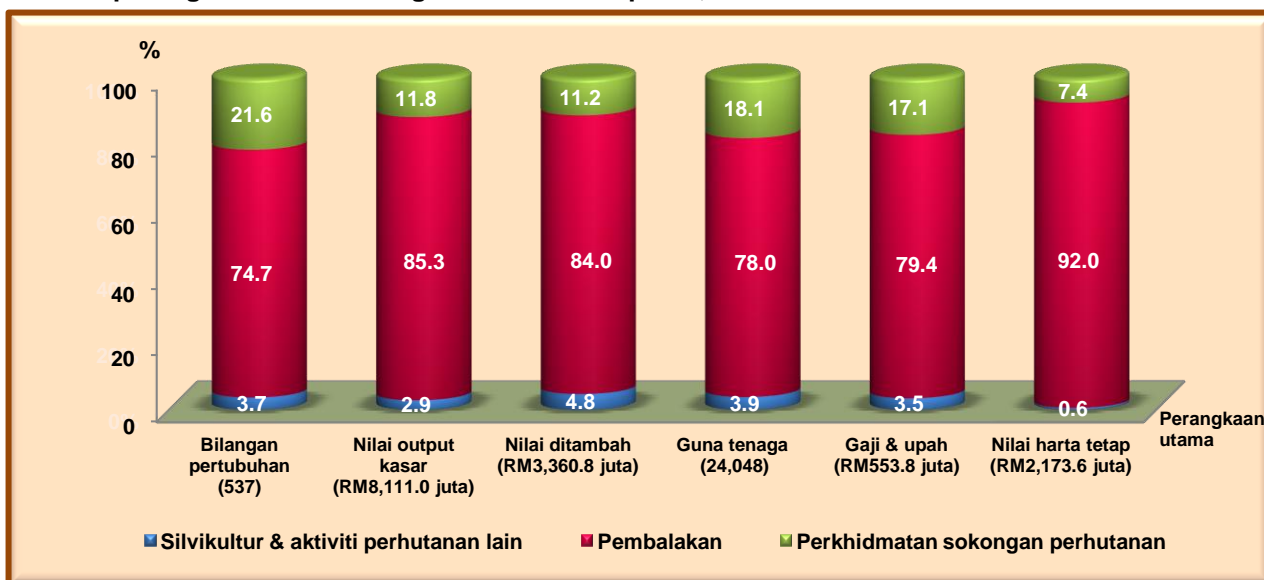
Nilai harta tetap yang dimiliki meningkat kepada RM2,173.6 juta pada 2010 berbanding RM1,168.7 juta pada 2005 dengan kadar pertumbuhan 13.2 peratus setahun (Jadual 1.1).

2. PRESTASI MENGIKUT KUMPULAN DAN INDUSTRI

Analisis di peringkat aktiviti kumpulan menunjukkan kumpulan pembalakan menguasai di antara 74.7 hingga 92.0 peratus bagi semua perangkaan utama, diikuti kumpulan perkhidmatan sokongan perhutanan (7.4% hingga 21.6%) dan kumpulan silviculture & aktiviti perhutanan lain (0.6% hingga 4.8%) [Carta 2.1].

Carta 2.1

Peratus perangkaan utama mengikut aktiviti kumpulan, 2010

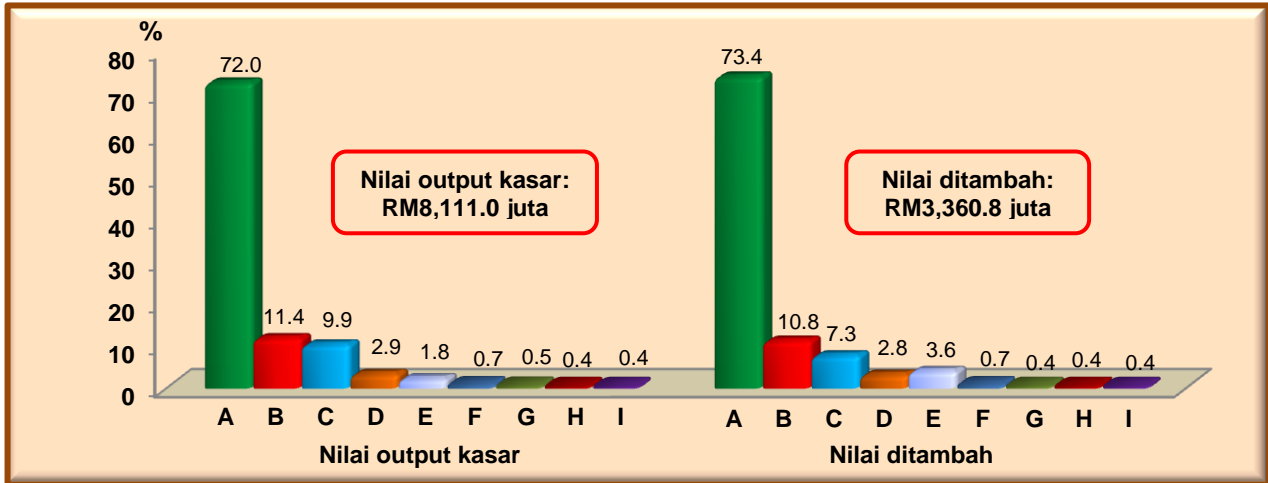


Pengeluaran kayu balak untuk industri berasaskan kayu mencatatkan nilai output kasar dan nilai ditambah tertinggi, masing-masing RM5,838.4 juta (72.0%) dan RM2,467.7 juta (73.4%). Ini diikuti industri yang menjalankan sebahagian operasi perhutanan berdasarkan bayaran atau secara kontrak untuk aktiviti perkhidmatan pembalakan; dan industri pengeluaran kayu balak yang digunakan dalam bentuk belum proses masing-masing dengan catatan RM924.3 juta (11.4%) dan RM804.9 juta (9.9%) bagi nilai output kasar, manakala RM363.4 juta (10.8%) dan RM246.2 juta (7.3%) masing-masing bagi nilai ditambah (Carta 2.2).



Carta 2.2

Peratus nilai output kasar dan nilai ditambah mengikut industri, 2010



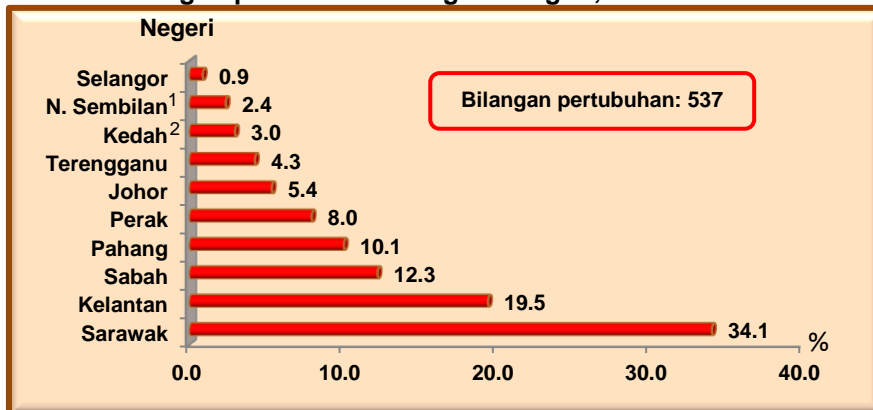
A	Pengeluaran kayu balak untuk industri berasaskan kayu
B	Menjalankan sebahagian operasi perhutanan berdasarkan bayaran atau secara kontrak untuk aktiviti perkhidmatan pembalakan
C	Pengeluaran kayu balak yang digunakan dalam bentuk belum proses
D	Pengeluaran arang kayu dalam hutan (menggunakan kaedah tradisional)
E	Ladang hutan
F	Penanaman, penanaman semula, pemindahan, pengurusan dan pemuliharaan hutan dan kawasan lapang
G	Pembalakan kayu getah
H	Operasi tapak semeaian pokok hutan
I	Menjalankan sebahagian operasi perhutanan dan ladang hutan berdasarkan bayaran atau secara kontrak untuk aktiviti perkhidmatan perhutanan

3. PRESTASI MENGIKUT NEGERI

Sarawak mencatatkan bilangan tertinggi sebanyak 183 pertubuhan, diikuti Kelantan 105, Sabah 66 dan Pahang 54. Secara kumulatif empat negeri ini menyumbang lebih tiga perempat daripada bilangan pertubuhan (Carta 3.1)

Carta 3.1

Peratus bilangan pertubuhan mengikut negeri, 2010



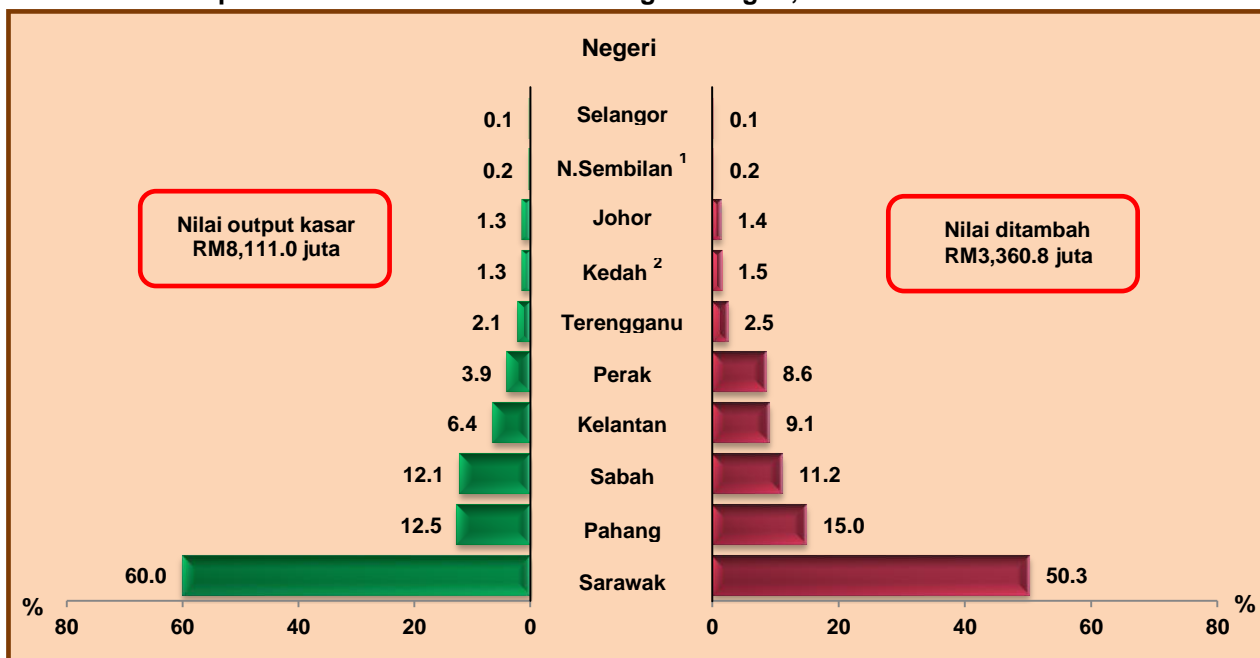
Nota: ¹ Termasuk Melaka
² Termasuk Pulau Pinang



Nilai output kasar dan nilai ditambah bagi Sarawak adalah tertinggi dengan catatan RM4,865.0 juta (60.0%) dan RM1,689.2 juta (50.3%). Ini diikuti oleh Pahang, Sabah dan Kelantan masing-masing RM1,016.5 juta (12.5%), RM977.4 juta (12.1%) dan RM522.8 juta (6.4%) bagi nilai output kasar manakala RM505.2 juta (15.0%), RM375.3 juta (11.2%) dan RM305.7 juta (9.1%) untuk nilai ditambah (Carta 3.2).

Carta 3.2

Peratus nilai output kasar dan nilai ditambah mengikut negeri, 2010



Nota: ¹ Termasuk Melaka

² Termasuk Pulau Pinang

4. GUNA TENAGA DAN GAJI & UPAH

4.1 Mengikut kumpulan

Jumlah guna tenaga bagi subsektor perhutanan dan pembalakan adalah seramai 24,048 orang. Aktiviti kumpulan pembalakan mencatatkan jumlah tertinggi guna tenaga iaitu 18,763 orang (78.0%), diikuti kumpulan perkhidmatan sokongan perhutanan seramai 4,353 orang (18.1%) dan kumpulan silviculture & aktiviti perhutanan lain dengan 932 orang (3.9%).

Gaji & upah yang dibayar bagi subsektor ini sebanyak RM553.8 juta. Aktiviti kumpulan pembalakan menerima bayaran tertinggi iaitu RM439.5 juta (79.4%), diikuti kumpulan perkhidmatan sokongan perhutanan RM94.9 juta (17.1%), dan kumpulan silviculture & aktiviti perhutanan lain RM19.4 juta (3.5%) [Jadual 4.1].



Jadual 4.1

Bilangan guna tenaga dan gaji & upah mengikut aktiviti kumpulan, 2010

Aktiviti kumpulan	Jumlah guna tenaga		Gaji & upah (RM'000)	Purata gaji & upah setahun pekerja bergaji (RM)
	Pemilik bekerja ¹	Pekerja bergaji ²		
Jumlah	265	23,783	553,752	23,284
Silvikultur dan aktiviti perhutanan lain	10	922	19,412	21,054
Pembalakan	201	18,562	439,487	23,677
Perkhidmatan sokongan perhutanan	54	4,299	94,853	22,064

Nota: ¹ Termasuk rakan niaga yang aktif dan pekerja keluarga tidak bergaji
² Pekerja bergaji sepenuh masa dan sambilan

Purata gaji & upah pekerja bergaji bagi keseluruhan adalah RM23,284 setahun. Pekerja bergaji bagi aktiviti kumpulan pembalakan menerima bayaran purata gaji & upah tertinggi iaitu RM23,677 setahun, diikuti perkhidmatan sokongan perhutanan RM22,064, dan silvikultur & aktiviti perhutanan lain RM21,054 (Jadual 4.1).

4.2 Mengikut negeri

Seramai 10,175 (42.3%) guna tenaga direkodkan di Sarawak, Kelantan 4,785 orang (19.9%), Sabah 4,760 orang (19.8%), Pahang 1,780 orang (7.4%) dan Perak 850 orang (3.6%) [Carta 4.1].

Sarawak menerima bayaran gaji & upah tertinggi iaitu RM255.4 juta (46.1%) berbanding Kelantan RM104.3 juta (18.8%), Sabah RM89.9 juta (16.2%), Pahang RM52.5 juta (9.5%) dan Perak RM17.1 juta (3.1%) [Carta 4.2].

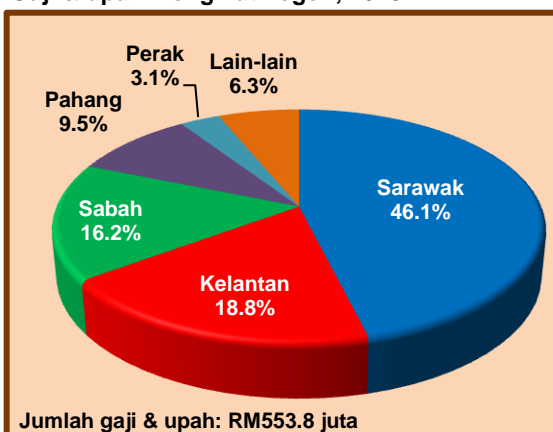
Carta 4.1

Guna tenaga mengikut negeri, 2010



Carta 4.2

Gaji & upah mengikut negeri, 2010

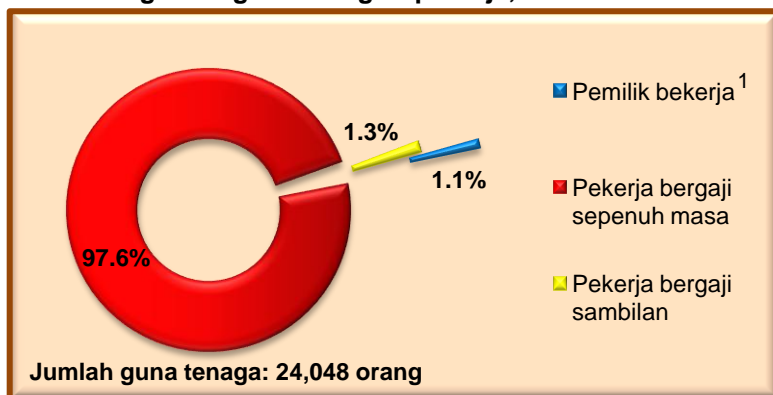




4.3 Mengikut kategori pekerja dan pekerjaan

Carta 4.3

Guna tenaga mengikut kategori pekerja, 2010



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

Carta 4.3 menunjukkan pekerja sepenuh masa mencatatkan sejumlah 23,460 orang (97.6%), pekerja sambilan 323 orang (1.3%) dan pemilik bekerja, rakan niaga yang aktif & pekerja keluarga tidak bergaji 265 orang (1.1%).

Jadual 4.2 menunjukkan taburan gaji & upah bagi pekerja bergaji sepenuh masa mengikut pekerjaan dengan bayaran gaji & upah berjumlah RM549.2 juta. Lebih dua pertiga telah dibayar kepada kumpulan pekerja balak iaitu sebanyak RM371.9 juta (67.7%). Manakala bakinya diterima kumpulan pengurusan, profesional dan eksekutif RM75.3 juta (13.7%), juruteknik dan profesional bersekutu RM47.6 juta (8.7%), perkeranian dan pekerjaan berkaitan RM35.3 juta (6.4%) dan pekerjaan asas RM19.0 juta (3.5%).

Jadual 4.2

Gaji & upah bagi pekerja bergaji sepenuh masa mengikut pekerjaan, 2010

Pekerjaan	Pekerja bergaji sepenuh masa		Gaji & upah		Purata gaji & upah setahun (RM)
	Bilangan	%	RM'000	%	
Jumlah	23,460	100.0	549,155	100.0	23,408
Pengurusan, profesional dan eksekutif	1,120	4.8	75,251	13.7	67,188
Juruteknik dan profesional bersekutu	1,440	6.1	47,623	8.7	33,071
Perkeranian dan pekerjaan berkaitan	1,875	8.0	35,335	6.4	18,845
Pekerjaan asas	1,230	5.2	18,997	3.5	15,445
Pekerja balak	17,795	75.9	371,949	67.7	20,902

Purata gaji dan upah yang diterima oleh pekerja kumpulan pengurusan, profesional dan eksekutif adalah sebanyak RM67,188 setahun. Ini diikuti oleh kumpulan juruteknik dan profesional bersekutu RM33,071, pekerja balak RM20,902, perkeranian dan pekerjaan berkaitan RM18,845 dan pekerjaan asas RM15,445 (Jadual 4.2).

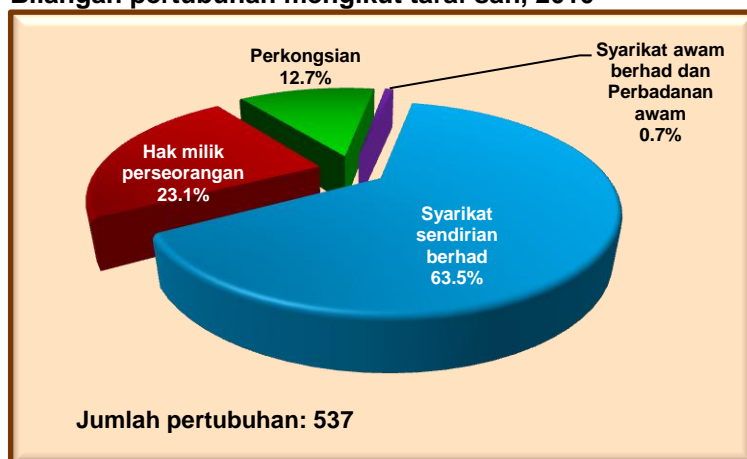


5. TARAF SAH

Syarikat sendirian berhad menguasai 341 pertubuhan (63.5%) daripada keseluruhan pertubuhan yang beroperasi dalam subsektor perhutanan dan pembalakan pada 2010. Ini diikuti Hak milik perseorangan 124 pertubuhan (23.1%), perkongsian 68 pertubuhan (12.7%); dan Syarikat awam berhad dan Perbadanan awam empat pertubuhan (0.7%) [Carta 5.1].

Carta 5.1

Bilangan pertubuhan mengikut taraf sah, 2010



Syarikat sendirian berhad mendahului jumlah guna tenaga 17,566 orang (73.0%) dan gaji & upah RM411.2 juta (74.2%). Syarikat taraf sah lain hanya mewakili 6,482 orang (27.0%) bagi jumlah guna tenaga dan RM142.6 juta (25.8%) gaji & upah (Jadual 5.1).

Jadual 5.1

Guna tenaga dan gaji & upah mengikut taraf sah, 2010

Taraf sah	Guna tenaga		Pekerja bergaji sepenuh masa		Gaji & upah	
	Bilangan	%	Bilangan	%	RM'000	%
Jumlah	24,048	100.0	23,460	100.0	553,752	100.0
Syarikat sendirian berhad	17,566	73.0	17,368	74.0	411,197	74.2
Hak milik perseorangan	3,633	15.1	3,376	14.4	64,028	11.6
Perkongsian	2,229	9.3	2,096	9.0	56,999	10.3
Syarikat awam berhad & Perbadanan awam	620	2.6	620	2.6	21,528	3.9

6. NILAI HARTA TETAP

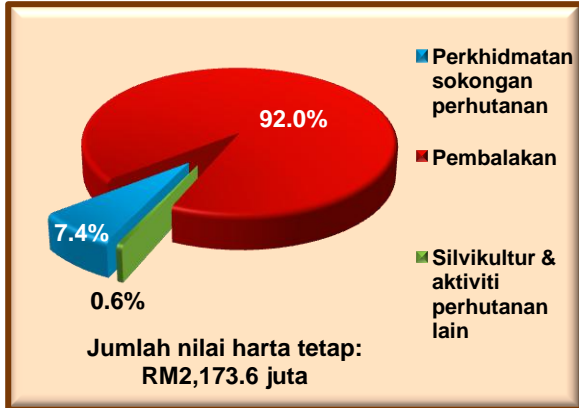
Nilai harta tetap yang dimiliki dalam subsektor perhutanan dan pembalakan pada 2010 adalah sebanyak RM2,173.6 juta. Aktiviti kumpulan pembalakan mencatatkan nilai harta tetap terbesar berjumlah RM1,999.9 juta atau 92.0 peratus. Kumpulan perkhidmatan sokongan perhutanan dan; silviculture dan aktiviti perhutanan lain masing-masing hanya mewakili RM161.1 juta (7.4%) dan RM12.6 juta (0.6%).



Nilai harta tetap mengikut negeri menyaksikan pertumbuhan di Sarawak memiliki hampir tiga perempat daripada nilai harta tetap subsektor ini iaitu RM1,618.1 juta (74.4%), diikuti Sabah RM374.8 juta (17.2%) dan Pahang RM53.5 juta (2.5%). Negeri-negeri lain hanya mengumpul nilai harta tetap sejumlah RM127.2 juta (5.9%) [Carta 6.1 dan 6.2].

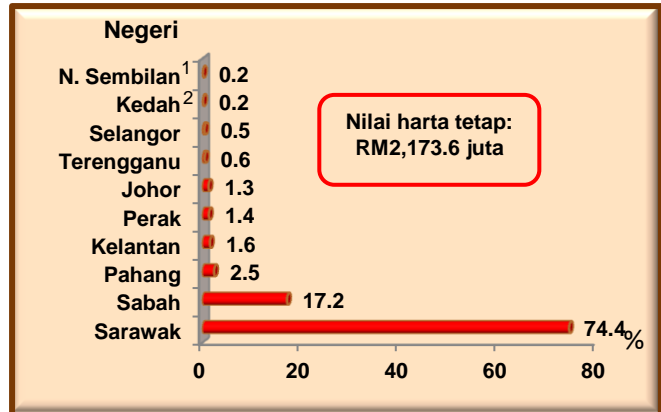
Carta 6.1

Harta tetap mengikut aktiviti kumpulan, 2010



Carta 6.2

Nilai harta tetap mengikut negeri, 2010



Nota: ¹ Termasuk Melaka
² Termasuk Pulau Pinang

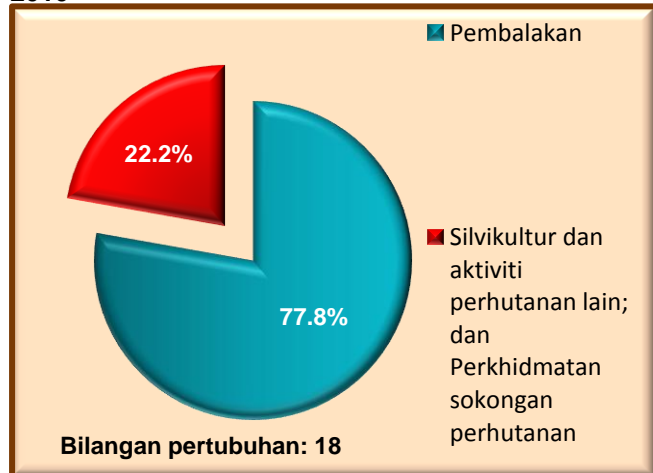
7. PERTUBUHAN MILIKAN WANITA

Subsektor perhutanan dan pembalakan hanya mempunyai 18 pertubuhan milikan wanita atau 3.4 peratus daripada keseluruhan pertubuhan yang beroperasi pada 2010.

Kumpulan pembalakan memiliki 14 pertubuhan (77.8%) manakala silvikultur & aktiviti perhutanan lain; dan perkhidmatan sokongan perhutanan 4 pertubuhan (22.2%) [Carta 7.1].

Carta 7.1

Pertubuhan milikan wanita mengikut kumpulan, 2010





FORESTRY AND LOGGING SUB-SECTOR

1. OVERALL PERFORMANCE

Table 1.1 displays the comparison of principal statistics of forestry and logging sub-sectors in the Economic Census for reference years 2005 and 2010 to see the performance and development of this sector. Based on the results of the two censuses, the entire main principal statistics in this sub-sector recorded a significant increase. The annual growth rate at two digit numbers was recorded for all the principal statistics except for employment.

Table 1.1

Principal statistics for forestry and logging sub-sector, 2005 and 2010

Principal statistics	2005	2010	Annual growth rate (%)
Establishment (number)	250	537	16.5
Value of gross output (RM million)	3,801.9	8,111.0	16.4
Value of intermediate input (RM million)	2,575.6	4,750.2	13.0
Value added (RM million)	1,226.3	3,360.8	22.3
Employment (number)	16,444	24,048	7.9
Salaries & wages (RM million)	281.7	553.8	14.5
Value of fixed assets (RM million)	1,168.7	2,173.6	13.2

A total of 537 establishments were in operation in 2010 compared to 250 establishments in 2005 with an annual growth rate of 16.5 per cent. The value of gross output and value added generated in 2010 grew to RM8,111.0 million (16.4%) and RM3,360.8 million (22.3%) compared to RM3,801.9 million and RM1,226.3 million in 2005 respectively (Table 1.1).

Table 1.2

Number of employment and salaries & wages paid by category, 2005 and 2010

Employment category	Number		Annual growth rate (%)	Salaries & wages (RM'000)		Annual growth rate (%)
	2005	2010		2005	2010	
Total	16,444	24,048	7.9	281,697	553,752	14.5
Working proprietors ¹	66	265	32.1	n.a	n.a	n.a
Full-time employees	16,062	23,460	7.9	277,454	549,155	14.6
Part-time employees	316	323	0.4	4,243	4,597	1.6

Note: ¹ Includes active business partners and unpaid family workers



Employment showed a similar trend with an increase of 7,604 to 24,048 persons in 2010 with an annual growth rate of 7.9 per cent. This increase also contributed to the rise in salaries & wages RM281.7 million to RM553.8 million. Full-time workers recorded an increase in average annual salaries & wages by 6.3 per cent per annum to RM23,408 in 2010 compared with RM17,274 in 2005 (Table 1.1 and Table 1.2).

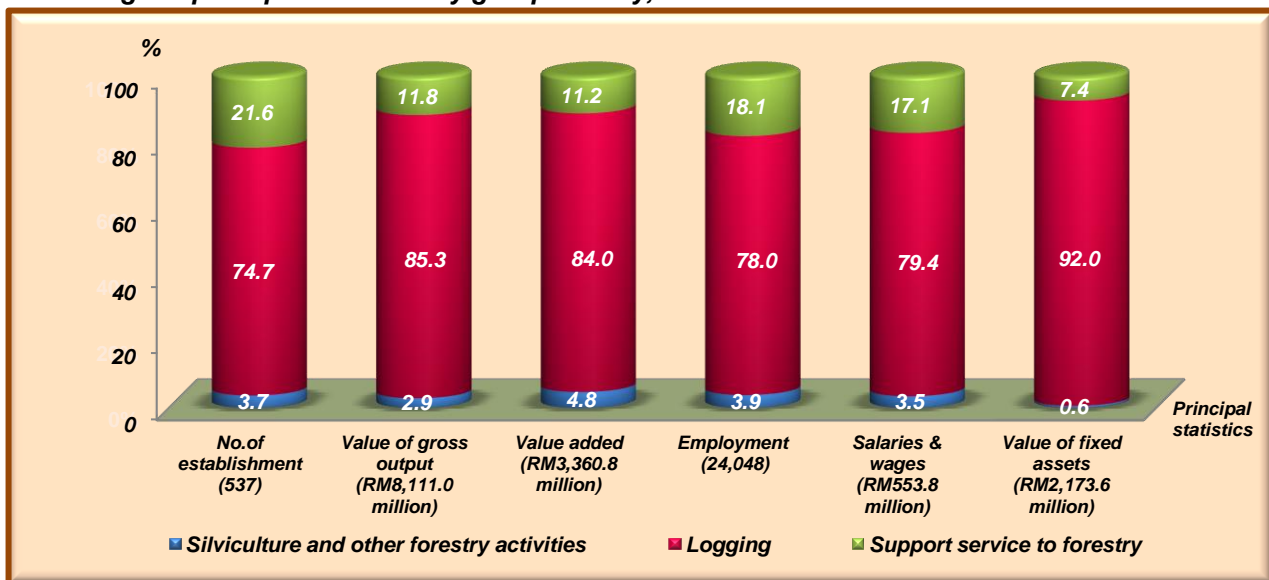
The value of fixed assets owned increased to RM2,173.6 million in 2010 compared with RM1,168.7 million in 2005, with a growth rate of 13.2 per cent per annum (Table 1.1).

2. PERFORMANCE BY GROUP AND INDUSTRY

It was found that the logging group dominated between 74.7 to 92.0 per cent for all the principal statistics of sub-sector, followed by support services to forestry (7.4% to 21.6%) and silviculture & other forestry activities group (0.6% to 4.8%) [Chart 2.1].

Chart 2.1

Percentage of principal statistics by group activity, 2010

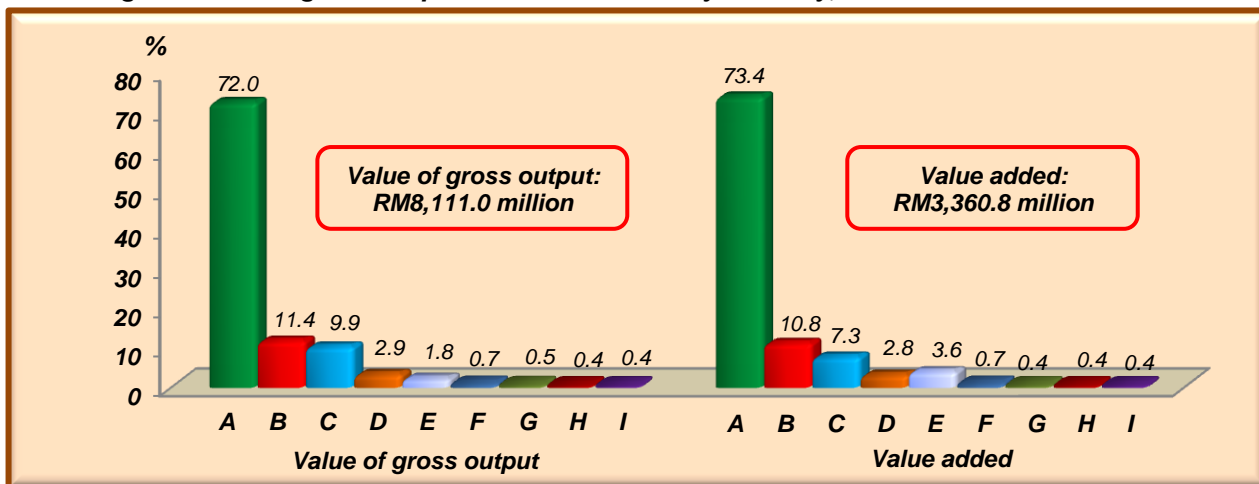


Production of round wood for forest-based manufacturing industries recorded the highest total value of gross output and value added, RM5,838.4 million (72.0%) and RM2,467.7 million (73.4%) respectively. This was followed by industry of carrying out part of the forestry operations on a fee or contract basis for logging service activities; and industrial production of round wood used in an unprocess form, at RM804.9 million (9.9%) and RM924.3 million (11.4%) of the gross output value respectively, while RM363.4 million (10.8%) and RM246.2 million (7.3%) respectively for value added (Chart 2.2).



Chart 2.2

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



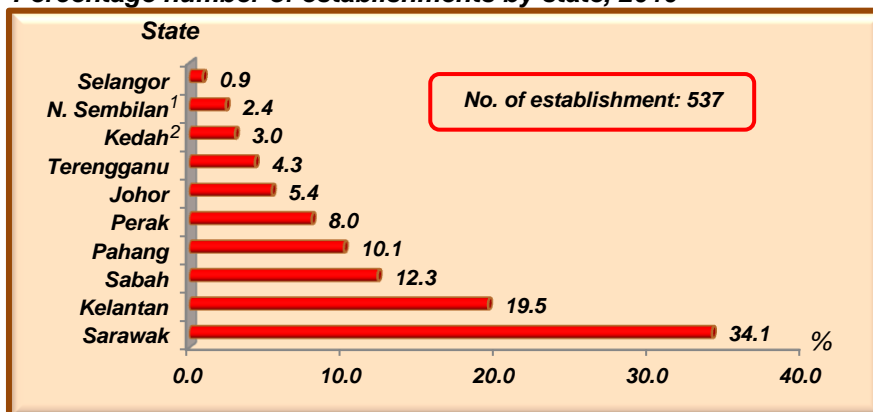
A	Production of round wood for forest-based manufacturing industries
B	Carrying out part of the forestry operation on a fee or contract basis for logging service activities
C	Production of round wood used in an unprocessed form
D	Production of charcoal in the forest (using traditional methods)
E	Forest plantation
F	Planting, replanting, transplanting, thinning and conserving of forest and timber tracts
G	Rubber wood logging
H	Operation of forest tree nurseries
I	Carrying out part of the forestry and forest plantation operation on a fee or contract basis for forestry service activities

3. PERFORMANCE BY STATE

Sarawak recorded the highest number with 183 establishments, followed by 105 Kelantan, Sabah 66 and Pahang 54. Cumulatively, these four states accounted for over three-fourths of the number of establishments (Chart 3.1).

Chart 3.1

Percentage number of establishments by state, 2010



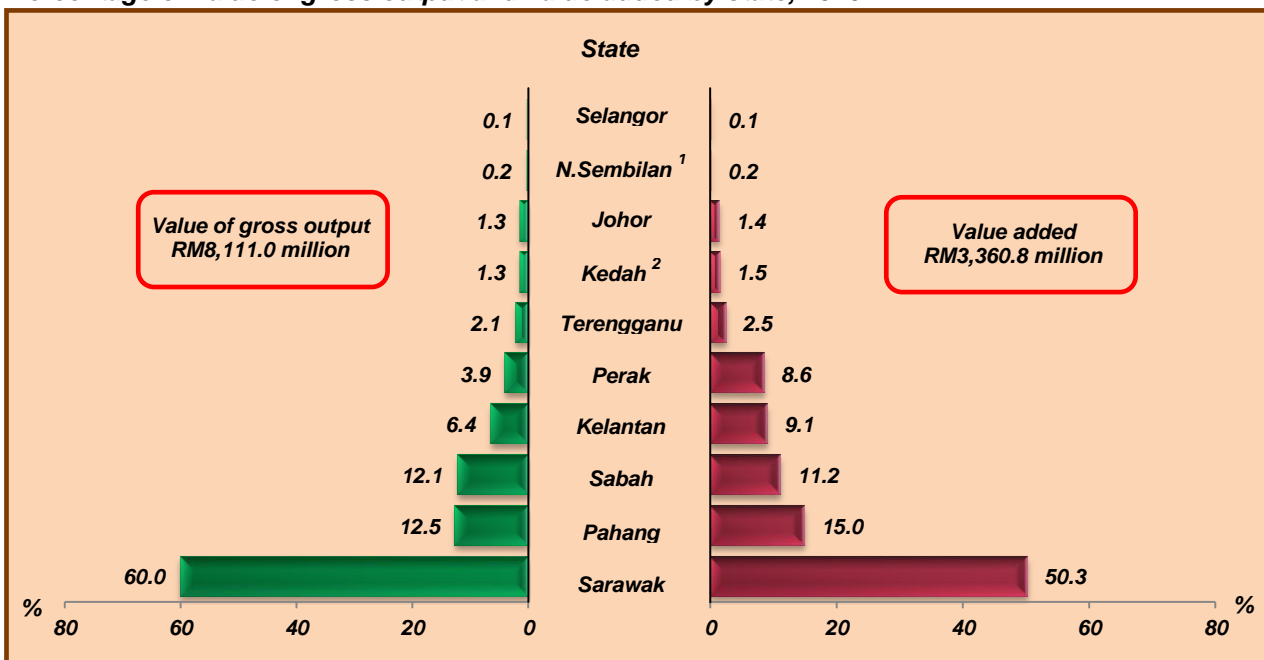
Note: ¹ Includes Melaka
² Includes Pulau Pinang



The gross output and value added of Sarawak is the highest recorded with RM4,865.0 million (60.0%) and RM1,689.2 million (50.3%). This was followed by Pahang, Sabah and Kelantan with value of gross output RM1,016.5 million (12.5%), RM977.4 million (12.1%) and RM522.8 million (6.4%) respectively, while RM505.2 million (15.0%), RM375.3 million (11.2%) and RM305.7 million (9.1%) of the value added (Chart 3.2).

Chart 3.2

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



Note: ¹ Includes Melaka
² Includes Pulau Pinang

4. EMPLOYMENT AND SALARIES & WAGES

4.1 By group

Total employment for forestry and logging sub-sector was 24,048 persons. The activity of logging group recorded the highest number of 18,763 persons (78.0%), followed by support service to forestry group with 4,353 persons (18.1%) and the silviculture and other forestry activities with 932 persons (3.9%).

Total salaries & wages paid for the these sub-sector was RM553.8 million. The logging group activities received the highest payment of RM439.5 million (79.4%), followed by support service to forestry group activities RM94.9 million (17.1%) and the silviculture and other forestry activities, RM19.4 million (3.5%) [Table 4.1].



Table 4.1

Number of employees and salaries & wages by group activity, 2010

Group activities	Total employment		Salaries & wages (RM'000)	Average annual salaries & wages for paid employees (RM)
	Working proprietors ¹	Paid employees ²		
Total	265	23,783	553,752	23,284
Silviculture and other forestry activities	10	922	19,412	21,054
Logging	201	18,562	439,487	23,677
Support service to forestry	54	4,299	94,853	22,064

Note: ¹ Includes active business partners and unpaid family workers
² Full-time and part-time employees

Average salaries & wages of paid employees for the whole sub-sector was RM23,284 per year. Paid employees in the logging group activities received the highest average salaries & wages with RM23,677 per year, followed by support services to forestry group RM22,064 and the silviculture and other forestry RM21,054 (Table 4.1).

4.2 By state

A total of 10,175 persons (42.3%) in the number of employment recorded in Sarawak, Kelantan 4,785 persons (19.9%), Sabah 4,760 persons (19.8%), Pahang 1,780 persons (7.4%) and Perak 850 persons (3.6%) [Chart 4.1].

Sarawak received the highest salaries & wages of RM255.4 million (46.1%) as compared with Kelantan RM104.3 million (18.8%), Sabah RM89.9 million (16.2%), Pahang RM52.5 million (9.5%) and Perak RM17.1 million (3.1%) [Chart 4.2].

Chart 4.1

Employment by state, 2010

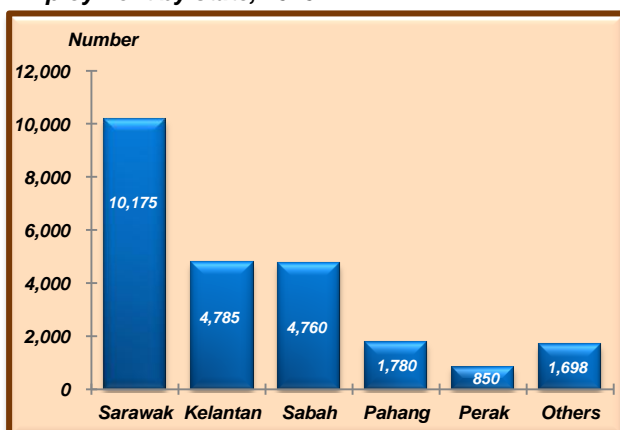
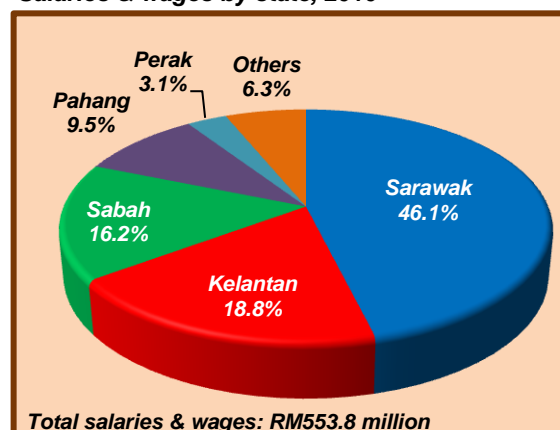


Chart 4.2

Salaries & wages by state, 2010

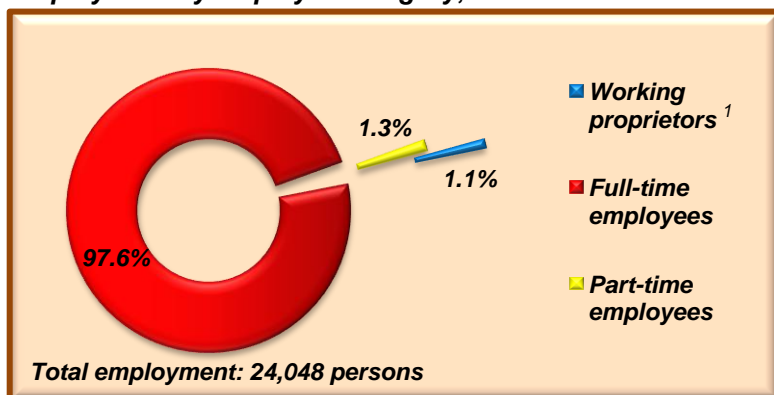




4.3 By employee category and occupation

Chart 4.3

Employment by employee category, 2010



Note: ¹ Includes active business partners and unpaid family workers

Chart 4.3 shows that full-time employee recorded a total of 23,460 people (97.6%), part-time employee 323 persons (1.3%) and working proprietors, active business partners and unpaid family workers 265 persons (1.1%).

Table 4.2 shows the distribution of salaries & wages for full-time employees by occupation with salaries & wages amounting to RM549.2 million. More than two-thirds were paid to the logging workers of RM371.9 million (67.7%). While the remainder was received by the managerial, professionals and executives RM75.3 million (13.7%), technicians and associate professionals RM47.6 million (8.7%), clerical and related occupations RM35.3 million (6.4%) and elementary occupation, RM19.0 million (3.5%).

Table 4.2

Salaries & wages for full-time employees by occupation, 2010

Occupation	Full-time employees		Salaries & wages		Average annual salaries & wages (RM)
	Number	%	RM'000	%	
Total	23,460	100.0	549,155	100.0	23,408
Managerial, professionals and executives	1,120	4.8	75,251	13.7	67,188
Technicians and associate professionals	1,440	6.1	47,623	8.7	33,071
Clerical and related occupation	1,875	8.0	35,335	6.4	18,845
Elementary occupation	1,230	5.2	18,997	3.5	15,445
Logging workers	17,795	75.9	371,949	67.7	20,902

Average salaries & wages received by employees of the managerial, professionals and executives was RM67,188 per year. This was followed by technicians and associate professionals RM33,071, logging workers RM20,902, clerical and related occupations RM18,845 and elementary occupation RM15,445 (Table 4.2).

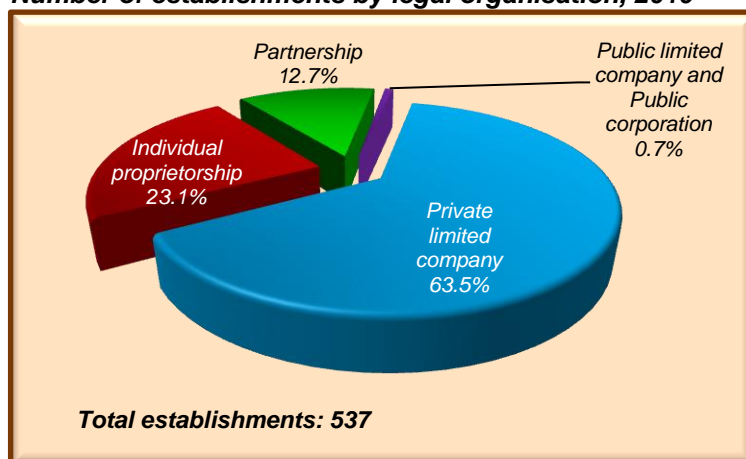


5. LEGAL ORGANISATION

Private limited companies dominated with 341 establishments (63.5%) of the total establishments operating in the forestry and logging sub-sector in 2010. This was followed by Individual proprietorship 124 establishments (23.1%), Partnership 68 establishments (12.7%) and Public limited company and Public corporation 4 establishments (0.7%) [Chart 5.1].

Chart 5.1

Number of establishments by legal organisation, 2010



Private limited company lead the total employment with 17,566 persons (73.0%) and salaries and wages RM411.2 million (74.2%). The legal organisation of other companies only represented 6,482 persons (27.0%) of total employment and RM142.6 million (25.8%) of salaries & wages (Table 5.1).

Table 5.1

Employment and salaries & wages by legal organisation, 2010

Legal organisation	Employment		Full-time employees		Salaries & wages	
	Number	%	Number	%	RM'000	%
Total	24,048	100.0	23,460	100.0	553,752	100.0
Private limited company	17,566	73.0	17,368	74.0	411,197	74.2
Individual proprietorship	3,633	15.1	3,376	14.4	64,028	11.6
Partnership	2,229	9.3	2,096	9.0	56,999	10.3
Public limited company and Public corporation	620	2.6	620	2.6	21,528	3.9

6. VALUE OF FIXED ASSETS

The value of fixed assets owned in forestry and logging sub-sector in 2010 was RM2,173.6 million. Logging group activity had the largest value of fixed assets amounting to RM1,999.9 million or 92.0 per cent. Support services of forestry group; silviculture and other forestry activities represented only RM161.1 million (7.4%) and RM12.6 million (0.6%) respectively.



Value of fixed assets by state showed that establishments in Sarawak have almost three-quarter of the value of fixed assets for this sub-sector with RM1,618.1 million (74.4%), followed by Sabah RM374.8 million (17.2%) and Pahang RM53.5 million (2.5%). Other states only owned a total of RM127.2 million (5.9%) for the value of fixed assets (Chart 6.1 and 6.2).

Chart 6.1

Value of fixed assets by group activity, 2010

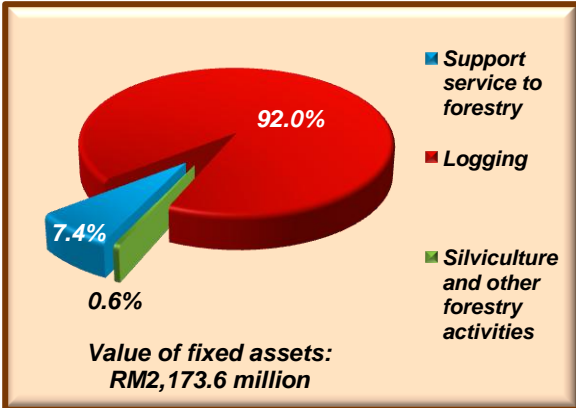
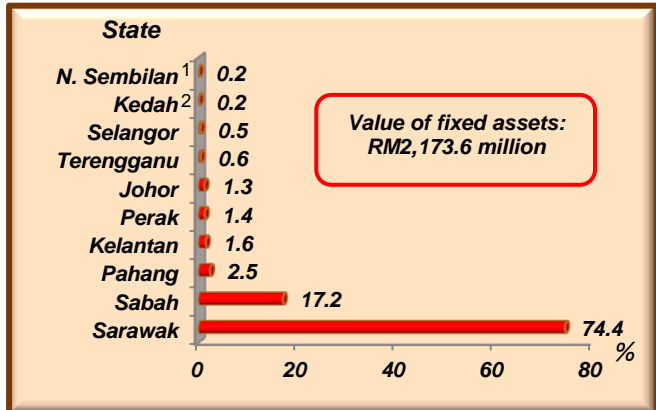


Chart 6.2

Value of fixed assets by state, 2010



Note: ¹ Includes Melaka
² Includes Pulau Pinang

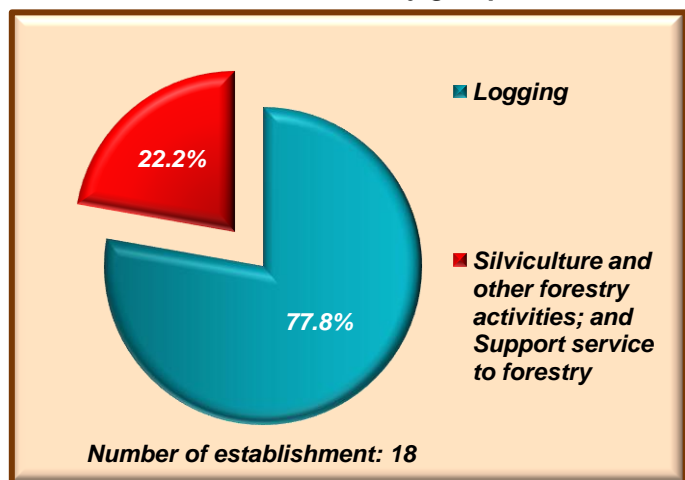
7. WOMEN-OWNED ESTABLISHMENTS

Forestry and logging sub-sector has only 18 women-owned establishments or 3.4 per cent of all establishments operated in 2010.

Logging groups have 14 establishments (77.8%) while silviculture & other forestry activities group and support services to forestry four establishments (22.2%) [Chart 7.1].

Chart 7.1

Women-owned establishment by group, 2010



NOTA TEKNIKAL
TECHNICAL NOTES





- 1. Pendahuluan**

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

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

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

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

Keseluruhan liputan banci sektor pertanian terdiri daripada 136 industri di peringkat 5-digit. Sebanyak 11 industri diliputi dalam subsektor perhutanan dan pembalakan. Industri ini dikelaskan mengikut Piawaian Klasifikasi Industri Malaysia (MSIC), 2008. Senarai lengkap industri yang diliputi ditunjukkan di Lampiran (**Muka surat 99**).
- 5. Rangka (sumber)**

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



Tani, Jabatan Perhutanan Semenanjung Malaysia, Sabah & Sarawak dan pelbagai persatuan perniagaan dan perdagangan, iklan surat khabar serta laman web. Rangka dikemas kini setiap tahun untuk mengambil kira pertubuhan baru dan sebarang perubahan dalam status pertubuhan seperti tutup, tidak beroperasi, perubahan jenis aktiviti atau alamat pos.

6. Metodologi

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

7. Unit pelapor

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

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

8. Tahun banci

Tahun banci merujuk kepada tahun pelaksanaan banci.

9. Tempoh rujukan

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

10. Jenis aktiviti perniagaan

Jenis aktiviti perniagaan merujuk kepada aktiviti utama dan sekunder. Aktiviti utama merujuk kepada aktiviti yang mana pertubuhan menggunakan sebahagian besar daripada sumbernya atau ia sebagai punca perolehan



pendapatan yang tinggi. Aktiviti sekunder didefinisikan sebagai aktiviti sampingan kepada aktiviti utama. Klasifikasi industri bagi pertubuhan adalah mengikut aktiviti utamanya berdasarkan kepada **Piawaian Klasifikasi Industri Malaysia (MSIC)**, 2008 Ver.1.0. MSIC 2008 adalah selaras dengan Klasifikasi Standard Perindustrian Antarabangsa bagi Semua Aktiviti Ekonomi (ISIC), semakan keempat pertubuhan Bangsa-Bangsa Bersatu.

- 11. Konsep dan definisi** Konsep dan definisi yang diguna berasaskan kepada syor-syor Pejabat Perangkaan Pertubuhan Bangsa-Bangsa Bersatu¹ dan *Food and Agriculture Organization (FAO)*. Konsep berkenaan mengikut amalan yang sudah diterima pakai bagi memudahkan perbandingan data dibuat di peringkat antarabangsa.
- 12. Takrif pertanian** Pertanian termasuk penggunaan sumber semula jadi tumbuh-tumbuhan dan haiwan, merangkumi aktiviti penanaman, pemeliharaan dan penternakan haiwan dan pengeluaran produk haiwan, penebangan kayu balak dan tanaman lain, serta perikanan tangkapan dan akuakultur (berdasarkan MSIC 2008).
- 13. Perhutanan dan pembalakan** Perhutanan dan pembalakan adalah termasuk pengeluaran kayu balak untuk industri berasaskan kayu, meliputi pengekstrakan dan pengumpulan produk hutan bukan kayu yang tumbuh liar. Selain pengeluaran kayu balak, aktiviti perhutanan yang menghasilkan produk melalui proses minima seperti kayu api, kayu arang, raja kayu dan kayu balak yang digunakan dalam bentuk belum diproses (contoh: kayu cerucuk, kayu pulpa, dll) juga termasuk dalam kumpulan ini. Aktiviti ini boleh dijalankan dalam hutan asli dan ladang hutan.
- 14. Taraf sah** Taraf sah sesebuah pertubuhan telah ditakrifkan seperti berikut:
- i. Hak milik perseorangan**

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

la merujuk kepada sekumpulan individu yang telah bersetuju mengikat kontrak dan menjalankan perniagaan dengan matlamat untuk memperoleh keuntungan. Perniagaan tersebut diuruskan oleh

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



kesemua mereka atau salah seorang daripada mereka yang bertindak mewakili semua pihak. Perkongsian perniagaan ini hendaklah mengandungi sekurang-kurangnya dua orang ahli dan tidak melebihi had maksimum dua puluh orang.

iii. Syarikat sendirian berhad

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

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

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

iv. Syarikat awam berhad

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

v. Koperasi

Ia merujuk kepada sesebuah persatuan sukarela yang bilangan ahlinya tidak terhad dan didaftarkan di bawah Akta Koperasi 1993.



Kumpulan wang yang ada adalah milik bersama untuk memenuhi keperluan ahli-ahlinya.

vi. Perbadanan awam

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

vii. Lain-lain

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

15. Hak milik

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

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

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

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

16. Pertubuhan milikan wanita

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

17. Jumlah pekerja

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



i. Pemilik yang bekerja dan rakan niaga yang aktif

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

ii. Pekerja keluarga tidak bergaji

Kategori ini meliputi semua ahli isi rumah kepada pemilik pertubuhan yang melaksanakan kerja tertentu (sepenuh masa atau sambilan) dan bekerja sekurang-kurangnya satu 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 buruh pertanian

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

vi. Pekerja balak yang diambil secara langsung

Ia ditakrifkan sebagai pekerja buruh perhutanan/pembalakan sepenuh masa yang diambil secara langsung. Ia termasuk pekerja



yang terlibat secara langsung dalam aktiviti perhutanan dan pembalakan seperti penebang, penarik, pengangkut, termasuk orang yang terlibat dalam mengendalikan trak, lori dan lain-lain alat jentera.

vii. Pekerja diambil bekerja melalui kontraktor buruh

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

viii. 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.

18. Gaji & upah dibayar

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

19. Nilai harta tetap

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

20. Perbelanjaan modal

Merujuk kepada nilai belian dan akaun harta tetap bagi pembinaan sendiri sepanjang tahun rujukan. Selain itu, pengubahan dan penambahbaikan ke atas harta sedia ada yang dapat melanjutkan masa sesuatu ekonomi atau meningkatkan sesuatu produktiviti juga termasuk dalam definisi ini.



21. Aset pertanian

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

22. Nilai output kasar

Nilai output kasar subsektor perhutanan dan pembalakan meliputi:

- + Jualan balak
- Stok balak (stok awal)
- + Stok balak (stok akhir)
- + Pendapatan daripada kerja perhutanan
- + Nilai jualan barangan/bahan/produk berkaitan dengan aktiviti perhutanan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya
- Kos barangan/bahan/produk berkaitan dengan aktiviti perhutanan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya
- + Pendapatan lain yang berkaitan dengan aktiviti perhutanan
- + Kawasan perhutanan dikontrakkan kepada kontraktor
- + Nilai jualan barangan/bahan lain yang dibeli untuk dijual semula tanpa melalui proses selanjutnya
- Kos barangan/bahan yang dijual semula (barangan/bahan bukan pembalakan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya)
- Barangan/bahan/produk yang dibeli untuk dijual semula (stok untuk barangan perhutanan dan barangan lain) – stok awal
- + Barangan/bahan/produk yang dibeli untuk dijual semula (stok untuk barangan perhutanan dan barangan lain) – stok akhir
- + Komisen dan brokeraj yang diterima
- + Pendapatan daripada sewa bangunan bukan tempat kediaman
- + Pendapatan daripada sewa bangunan tempat kediaman
- + Pendapatan daripada sewa alat pengangkutan
- + Pendapatan daripada sewa jentera dan kelengkapan
- + Pendapatan daripada sewa perabot dan pemasangan
- + Pendapatan daripada sewa lain-lain
- + Lain-lain penerimaan
- + Pendapatan daripada aktiviti pertanian lain (tanaman/ternakan/perikanan)
- + Perbelanjaan modal pokok belum matang



23. Input perantaraan

Input perantaraan subsektor perhutanan dan pembalakan meliputi:

- + Kos bahan langsung yang digunakan dalam aktiviti perhutanan
- + Jumlah bayaran (nilai kontrak) ke atas kerja yang dibuat oleh pihak lain menggunakan bahan yang dibekal oleh pertubuhan ini: kos banciaan pokok
- + Jumlah bayaran (nilai kontrak) ke atas kerja yang dibuat oleh pihak lain menggunakan bahan yang dibekal oleh pertubuhan ini: kos perancangan pembalakan
- + Jumlah bayaran (nilai kontrak) ke atas kerja yang dibuat oleh pihak lain menggunakan bahan yang dibekal oleh pertubuhan ini: kerja-kerja menebang dan manual
- + Jumlah bayaran (nilai kontrak) ke atas kerja yang dibuat oleh pihak lain menggunakan bahan yang dibekal oleh pertubuhan ini: kos pengangkutan balak
- + Jumlah bayaran (nilai kontrak) ke atas kerja yang dibuat oleh pihak lain menggunakan bahannya sendiri: kos banciaan pokok
- + Jumlah bayaran (nilai kontrak) ke atas kerja yang dibuat oleh pihak lain menggunakan bahannya sendiri: kos perancangan pembalakan
- + Jumlah bayaran (nilai kontrak) ke atas kerja yang dibuat oleh pihak lain menggunakan bahannya sendiri: kerja-kerja menebang dan manual
- + Jumlah bayaran (nilai kontrak) ke atas kerja yang dibuat oleh pihak lain menggunakan bahannya sendiri: kos pengangkutan balak
- + Bahan yang digunakan bagi pembaikan dan penyelenggaraan
- + Alat tulis dan bekalan pejabat yang digunakan
- + Air yang dibeli
- + Tenaga elektrik yang dibeli
- + Bahan pembakar, pelincir dan gas yang digunakan
- + Bayaran pembaikan dan penyelenggaraan semasa yang dibuat oleh pihak lain bagi harta tetap pertubuhan ini seperti bangunan (pejabat), alat pengangkutan, jentera & kelengkapan, perabot & pemasangan dan perkakasan & perisian komputer
- + Perbelanjaan penyelidikan dan pembangunan
- + Bayaran terhadap perkhidmatan bukan industri
- + Bayaran royalti kepada kerajaan
- + Bayaran royalti kepada swasta: pelesenan teknologi
- + Bayaran royalti kepada swasta: lain-lain
- + Input lain



- + Lain-lain
- + Nilai pakaian percuma yang disediakan
- + Kos latihan kepada pekerja
- + Perbelanjaan untuk aktiviti pertanian lain (tanaman/ternakan/perikanan)

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

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

26. Simbol dan huruf ringkas Simbol dan huruf ringkas berikut digunakan dalam penerbitan ini:

t.t.t.l.	tidak terkelas di tempat lain
RM	Ringgit Malaysia
>	lebih daripada
<	kurang daripada
0.0	kurang dari 0.05
n.a.	tidak berkaitan
-	tiada
}	cantum

26. Pengiraan kadar pertumbuhan tahunan dikompoun Pengiraan kadar pertumbuhan tahunan (r) adalah berdasarkan formula berikut:

$$Y_t = Y_0 (1 + r)^t$$

Di mana r ,

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

Di mana,

Y_t = Nilai pada tahun semasa

Y_0 = Nilai pada tahun sebelum

t = Bilangan tahun, $Y_t - Y_0$

r = Kadar pertumbuhan tahunan



- 1. Introduction** *This report consists of data related to agriculture sector in general and forestry and logging sub-sector in particular for the reference year 2010. The data were collected and compiled from the Economic Census conducted in 2011.*

- 2. Objective** *The main objective of the census is to collect information pertaining to the growth, contribution, composition and distribution of the agriculture sector in general and logging and forestry sub-sector in particular to assist the government in development planning and policy formulation. Data obtained from the census also provides benchmark information and are used for the compilation of national accounts, input-output tables as well as specific studies. The results are used by policy makers, economists, planners and academicians in economic projections and analysis.*

- 3. Legal authority** *The survey was conducted under the provisions of the **Statistics Act, 1965 (Revised 1989)**. Section 5 of this Act requires all establishments operating in Malaysia to provide actual information or best estimates to the Department. The Act stipulates that the contents of the individual returns received are confidential and only aggregated figures are published.*

- 4. Scope and coverage** *Covers all establishment involved in the agriculture sector that were registered with Companies Commission of Malaysia (CCM – ROB & ROC), Local Authorities (PBT), Registrar of Societies (ROS) and Co-operative Commission of Malaysia (SKM). In this census, entrepreneurs in agriculture sector which only register with Ministry of Agriculture and Agro-based Industry or other government agencies for the purpose of receiving aid were **NOT** covered.*

Overall coverage of the census for agriculture sector is 136 industries at 5-digit level. There are 11 industries covered in forestry and logging sub-sector. This industry is classified under the Malaysia Standard Industrial Classification (MSIC), 2008. The complete industry lists is shown in Appendix (Page 99).

- 5. Frame (source)** *The main source of information for the establishment frame is obtained from CCM, PBT, ROS and SKM. The census frame was also updated from other sources such as the departments/agencies under the Ministry of Agriculture and Agro-Based Industry, Forestry Department Peninsular Malaysia, Sabah & Sarawak and various businesses and trade associations, newspaper advertisements as well as websites. The frame is updated annually to take*



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

6. Methodology

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

7. Reporting unit

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

Thus, each branch of a multi-branch organisation at a different location was conceptually treated as a different location establishment. The establishment is requested to give separate returns for each sub-sector in terms of value. However, 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’.**

8. Census year

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

9. Reference year

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

10. Type of business activity

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



conforms to the *International Standard Industrial Classification of All Economic Activities (ISIC) Rev.4, United Nations*.

11. Concepts and definitions

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

12. Definition of agriculture

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

13. Forestry and logging

Forestry and logging are includes the production of round wood for the forest-based manufacturing industries as well as the extraction and gathering of wild growing non-wood forest product. Besides the production of timber, forestry activities result in products that undergo little processing, such as fire wood, charcoal, wood chips and round wood used in unprocessed form (example: pit-props, pulpwood, etc.) also include in this group. These activities can be carried out in natural or planted forests.

14. Legal organisation

The legal organisation of an establishment has been defined as follows:

i. Individual proprietorship

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

ii. Partnership

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

iii. Private limited company

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

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



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

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

iv. Public limited company

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

v. Co-operative

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

vi. Public corporation

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

vii. Others

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

15. Ownership

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



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

16. Women-owned establishments

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

17. Number of persons engaged

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

*i. **Working proprietors and active business partners***

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

*ii. **Unpaid family workers***

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

*iii. **Full-time employees***

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



iv. Part-time employees

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

v. Agriculture labour workers

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), including forestry & logging work, persons engaged in truck driving, vessels and other machinery.

vi. Logging workers directly employed

This is defined as a forestry/logging workers labor on full time taken directly. It includes workers that are involved directly in the forestry and logging activities like felling, towing, transport, including those involved in controlling truck, lorry and other machinery.

vii. Workers employed through labour contractors

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

viii. Workers under subcontractors

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

18. Salaries & wages paid

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

19. Value of fixed assets

It cover all goods, new or used, tangible or intangible, that has a normal economic life span of more than one year. Included are land, building and structure, transport equipment, computer and peripheral equipment, other machinery equipment, computer software and furniture and fittings. Value of assets as at the beginning and end of 2010 was based on net book value.



Purchases, alterations and major repairs or capital expenditure during the year were valued at actual costs incurred. Value of assets sold during the year refers to the realized value.

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

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

22. Value of gross output *The value of gross output of forestry & logging sub-sector includes:*

- + *Sales of logs*
- *Stocks of log (opening stock)*
- + *Stocks of log (closing stock)*
- + *Income from forestry work*
- + *Value of sales from goods/materials/products related to forestry purchased for resale without further processing*
- *Cost of goods/materials/products related to forestry activity purchased for resale without undergoing further processing*
- + *Other income related to forestry activity*
- + *Forestry area sub-contracted to contractors*
- + *Value of sales from other goods/materials that is purchased for resale without further processing*
- *Cost of goods/materials sold (non-logging goods/materials that is purchased for resale without undergoing further processing)*
- *Goods/materials/products purchased for resale (stocks on forestry and other goods) – opening stocks*
- + *Goods/materials/products purchased for resale (stocks on forestry and other goods) – closing stocks*
- + *Commission and borkerage earned*
- + *Total rental income received from non-residential buildings*
- + *Total rental income received from residential buildings*
- + *Total rental income received from transport equipment*
- + *Total rental income received from machinery and equipment*
- + *Total rental income received from fixtures and fittings*



- + *Total rental income received from others*
- + *Other receipts*
- + *Income from other agricultural activities (crops/livestock/fisheries)*
- + *Development expenditure on immatured trees*

23. Intermediate input

Intermediate input of logging and forestry sub-sector includes:

- + *Cost of direct materials consumed in forestry activity*
- + *Total payments (contract value) for work done by others on materials supplied by this establishment: cost for census done on tree*
- + *Total payments (contract value) for work done by others on materials supplied by this establishment: planning cost of logging*
- + *Total payments (contract value) for work done by others on materials supplied by this establishment: felling and cutting activities*
- + *Total payments (contract value) for work done by others on materials supplied by this establishment: transportation cost of logs*
- + *Total payments (contract value) for work done by others using their own materials: cost for census done on tree*
- + *Total payments (contract value) for work done by others using their own materials: planning cost of logging*
- + *Total payments (contract value) for work done by others using their own materials: felling and cutting activities*
- + *Total payments (contract value) for work done by others using their own materials: transportation cost of logs*
- + *Materials used for repairs and maintenance*
- + *Stationery and office supplies consumed*
- + *Water purchased*
- + *Electricity purchased*
- + *Fuel, lubricants and gas consumed*
- + *Payments for current repairs and maintenance work done by others on this establishment's fixed assets such as building (office), transport equipment, machinery & equipments, fixtures & fittings and computer hardware & software*
- + *Research & development expenditure*
- + *Payment for non-industrial services*
- + *Royalties paid to government*
- + *Royalties paid to private: technology licensing*
- + *Royalties paid to private: others*
- + *Other input*



- + Other expenditure
- + Value of free wearing apparel provided
- + Staff training cost
- + Expenditure for other agricultural activities (crops/livestock/fisheries)

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

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

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

n.e.c. not elsewhere classified

RM Ringgit Malaysia

> more than

< less than

0.0 less than 0.05

n.a. not applicable

- nil

} combined

27. Calculating average annual growth The calculation of annual growth rate (*r*) is based on the following formula:

$$Y_t = Y_0 (1 + r)^t$$

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_0 = Value at previous year

t = Number of years, $Y_t - Y_0$

r = Annual growth rate

JADUAL PERTANIAN
TABLES ON AGRICULTURE



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

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

Keterangan subsektor <i>Sub-sector description</i>	Tahun <i>Year</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input 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>	2010	8,829	53,452,092	22,376,145	31,075,947	390,708	4,890,008	40,088,252
	2008 *	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>	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>	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 dan Pembalakan <i>Forestry and Logging</i>	2010	537	8,110,965	4,750,166	3,360,798	24,048	553,752	2,173,640
	2008	n.a	n.a	n.a	n.a	n.a	n.a	n.a
	2005	250	3,801,941	2,575,592	1,226,349	16,444	281,697	1,168,695
Perikanan <i>Fisheries</i>	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

* Subsektor perhutanan & pembalakan tidak diliputi dalam Banci Pertubuhan Pertanian Tahunan, 2009

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

Jadual A2: Perangkaan utama sektor pertanian mengikut kumpulan, 2010

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

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input 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>		8,829	53,452,092	22,376,145	31,075,947	390,708	4,890,008	40,088,252
Tanaman <i>Crops</i>		6,348	37,275,560	11,560,350	25,715,209	335,096	3,857,295	35,149,424
Penanaman tanaman tidak kekal <i>Growing of non-perennial crops</i>	011	947	505,130	269,865	235,265	8,858	88,676	258,576
Penanaman tanaman kekal <i>Growing of perennial crops</i>	012	4,892	36,439,678	11,136,045	25,303,633	319,196	3,673,066	34,727,943
Pembiakan tumbuhan <i>Plant propagation</i>	013	134	95,208	47,230	47,978	1,928	22,911	61,617
Pertanian campuran <i>Mixed farming</i>	015	36	5,278	2,577	2,702	139	1,021	2,841
Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian <i>Support activities to agriculture and post-harvest crops activities</i>	016	339	230,265	104,634	125,631	4,975	71,620	98,448
Ternakan <i>Livestock</i>		1,089	6,591,458	5,051,695	1,539,763	20,056	315,091	1,859,689
Pengeluaran ternakan <i>Animal production</i>	014	1,084	6,590,603	5,051,481	1,539,123	20,030	314,908	1,859,502
Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian <i>Support activities to agriculture and post-harvest crops activities</i>	016	5	855	214	641	26	184	187

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

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

Jadual A3: Perangkaan utama sektor pertanian mengikut negeri, 2010

Table A3: Principal statistics of agriculture sector by state, 2010

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

* Termasuk W.P. Putrajaya
Includes W.P. Putrajaya

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

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

Jadual A5: Perangkaan utama sektor pertanian mengikut hak milik, 2010

Table A5: Principal statistics of agriculture sector by ownership, 2010

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

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

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

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

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

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

Jadual A8: Perangkaan utama sektor pertanian mengikut saiz harta tetap, 2010
Table A8: Principal statistics of agriculture sector by fixed assets size, 2010

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

Jadual A9: Guna tenaga dan gaji & upah dalam sektor pertanian mengikut kategori pekerja, 2010

Table A9: Employment and salaries & wages in the agriculture sector by category of workers, 2010

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

Jadual A10: Guna tenaga dalam sektor pertanian mengikut kumpulan, 2010
Table A10: Employment in the agriculture sector by group, 2010

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

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

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

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

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

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

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

Jadual A11: Guna tenaga dalam sektor pertanian mengikut jantina dan kumpulan, 2010 (samb.)

Table A11: Employment in the agriculture sector by sex and group, 2010 (cont'd)

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

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

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

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

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

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

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

Jadual A14: Perangkaan utama pertubuhan milikan wanita sektor pertanian mengikut negeri, 2010
Table A14: Principal statistics of women-owned establishments agriculture sector by state, 2010

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

* Termasuk W.P. Kuala Lumpur
Includes W.P. Kuala Lumpur

**JADUAL PERHUTANAN
DAN PEMBALAKAN**
TABLES ON FORESTRY AND LOGGING



Jadual B1 : Perangkaan utama subsektor perhutanan dan pembalakan mengikut industri, 2010

Table B1 : Principal statistics of forestry and logging sub-sector by industry, 2010

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantara <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>		537	8,110,965	4,750,166	3,360,798	24,048	553,752	2,173,640
Silvikultur dan aktiviti perhutanan lain <i>Silviculture and other forestry activities</i>	021	20	234,517	73,968	160,549	932	19,412	12,620
Penanaman, penanaman semula, pemindahan, pengurusan dan pemuliharaan hutan dan kawasan lapang <i>Planting, replanting, transplanting, thinning and conserving of forest and timber tracts</i>	02101	11	58,051	33,859	24,192	623	13,194	7,151
Operasi tapak semaian pokok hutan <i>Operation of forest tree nurseries</i>	02103	4	31,737	16,660	15,077	37	813	528
Ladang hutan <i>Forest plantation</i>	02105	5	144,728	23,448	121,279	272	5,405	4,941
Pembalakan <i>Logging</i>	022	401	6,921,920	4,099,584	2,822,336	18,763	439,487	1,999,914
Pengeluaran kayu balak untuk industri berasaskan kayu <i>Production of round wood for forest-based manufacturing industries</i>	02201	352	5,838,421	3,370,683	2,467,738	15,614	370,357	1,690,449

Jadual B1 : Perangkaan utama subsektor perhutanan dan pembalakan mengikut industri, 2010 (samb.)
Table B1 : Principal statistics of forestry and logging sub-sector by industry, 2010 (cont'd)

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Pengeluaran kayu balak yang digunakan dalam bentuk belum proses <i>Production of round wood used in an unprocessed form</i>	02202	30	804,937	558,691	246,247	2,097	50,964	290,463
Pengeluaran arang kayu dalam hutan (menggunakan kaedah tradisional) <i>Production of charcoal in the forest (using traditional methods)</i>	02203	9	236,995	143,760	93,235	716	13,304	10,568
Pembalakan kayu getah <i>Rubber wood logging</i>	02204	10	41,566	26,450	15,116	336	4,862	8,434
Perkhidmatan sokongan perhutanan <i>Support service to forestry</i>	024	116	954,528	576,614	377,913	4,353	94,853	161,106
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>	02401	12	30,216	15,745	14,471	695	11,647	2,672

Jadual B1 : Perangkaan utama subsektor perhutanan dan pembalakan mengikut industri, 2010 (samb.)

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

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
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>	02402	104	924,312	560,869	363,443	3,658	83,207	158,434

Jadual B2: Perangkaan utama subsektor perhutanan dan pembalakan mengikut negeri, 2010

Table B2: Principal statistics of forestry and logging sub-sector by state, 2010

Negeri State	Bilangan pertubuhan Number of establishments	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate input	Nilai ditambah Value added	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir Total number of persons engaged during December or the last pay period	Gaji & upah yang dibayar Salaries & wages paid	Nilai harta tetap yang dimiliki pada akhir tahun Value of fixed assets owned as at the end of the year
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah Total	537	8,110,965	4,750,166	3,360,798	24,048	553,752	2,173,640
Johor	29	105,969	57,300	48,668	423	9,909	29,032
Kedah	}	16	107,981	56,331	51,650	210	4,589
Pulau Pinang							
Kelantan	105	522,806	217,080	305,726	4,785	104,252	35,085
Melaka	}	13	18,245	11,606	6,639	196	2,516
Negeri Sembilan							
Pahang	54	1,016,501	511,334	505,168	1,780	52,455	53,480
Perak	43	314,010	24,955	289,055	850	17,134	30,430
Sabah	66	977,420	602,111	375,309	4,760	89,873	374,818
Sarawak	183	4,864,996	3,175,811	1,689,185	10,175	255,367	1,618,111
Selangor	5	11,839	6,807	5,033	176	3,083	11,442
Terengganu	23	171,197	86,831	84,366	693	14,574	12,298

Jadual B3: Perangkaan utama subsektor perhutanan dan pembalakan mengikut taraf sah, 2010

Table B3: Principal statistics of forestry and logging sub-sector by legal organisation, 2010

Taraf sah <i>Legal organisation</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah Total	537	8,110,965	4,750,166	3,360,798	24,048	553,752	2,173,640
Hak milik perseorangan <i>Individual proprietorship</i>	124	883,492	360,793	522,699	3,633	64,028	44,723
Perkongsian <i>Partnership</i>	68	344,498	133,597	210,901	2,229	56,999	22,387
Syarikat sendirian berhad <i>Private limited company</i>	341	6,492,822	3,989,090	2,503,731	17,566	411,197	1,848,326
Syarikat awam berhad <i>Public limited company</i>	4	390,152	266,686	123,467	620	21,528	258,204
Perbadanan awam <i>Public corporation</i>							

Jadual B4: Perangkaan utama subsektor perhutanan dan pembalakan mengikut hak milik, 2010
Table B4: Principal statistics of forestry and logging sub-sector by ownership, 2010

Hak milik <i>Ownership</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	537	8,110,965	4,750,166	3,360,798	24,048	553,752	2,173,640
Residen Malaysia <i>Malaysian residents</i>	}	8,110,965	4,750,166	3,360,798	24,048	553,752	2,173,640
Milik bersama residen dan bukan residen Malaysia <i>Joint-Malaysian and non-Malaysian residents</i>							

Jadual B5: Perangkaan utama subsektor perhutanan dan pembalakan mengikut saiz pekerja, 2010

Table B5: Principal statistics of forestry and logging sub-sector by employment size, 2010

Saiz pekerja <i>Employment size</i>	Bilangan pertubuhan <i>Number of establishments</i>		Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>		537	8,110,965	4,750,166	3,360,798	24,048	553,752	2,173,640
Kurang daripada <i>Below</i>	5	89	1,365,487	814,450	551,037	213	5,525	88,403
5	-	9	562,095	283,581	278,515	506	11,267	30,440
10	-	19	411,014	252,658	158,356	1,121	22,725	41,846
20	-	29	387,386	233,564	153,822	1,340	30,445	55,927
30	-	49	836,963	460,585	376,378	4,533	95,196	538,122
50	-	99	1,154,082	646,235	507,847	5,278	136,612	125,863
100	-	149	703,307	360,758	342,549	2,713	73,081	193,337
150	-	199	659,906	444,568	215,338	2,049	57,578	201,672
200	-	499	1,705,865	1,060,465	645,400	4,403	88,244	673,776
500		dan lebih <i>and above</i>	324,858	193,302	131,556	1,892	33,079	224,254

Jadual B6: Perangkaan utama subsektor perhutanan dan pembalakan mengikut saiz output , 2010
Table B6: Principal statistics of forestry and logging sub-sector by output size, 2010

Saiz output <i>Output size</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
(RM '000)		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>	537	8,110,965	4,750,166	3,360,798	24,048	553,752	2,173,640
Kurang daripada <i>Below</i>	50	9	184	46	138	25	497
50 - 99	13	1,015	540	475	81	1,456	1,896
100 - 199	9	1,424	588	837	45	765	392
200 - 499	43	13,967	7,368	6,598	327	5,795	5,461
500 - 999	48	34,918	16,943	17,976	825	12,284	23,765
1,000 - 4,999	186	452,247	228,096	224,151	5,966	106,056	108,124
5,000 - 9,999	68	494,501	273,105	221,396	2,627	66,812	103,317
10,000 - 49,999	128	2,704,762	1,476,454	1,228,307	9,238	244,595	841,232
50,000 - 99,999	21	1,465,305	958,099	507,205	1,858	41,335	167,568
100,000 dan lebih <i>and above</i>	12	2,942,642	1,788,927	1,153,715	3,056	74,437	921,387

Jadual B7: Perangkaan utama subsektor perhutanan dan pembalakan mengikut saiz harta tetap, 2010
Table B7: Principal statistics of forestry and logging sub-sector by fixed assets size, 2010

Saiz harta <i>Assets size</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>	
(RM '000)		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)	
Jumlah <i>Total</i>	537	8,110,965	4,750,166	3,360,798	24,048	553,752	2,173,640	
Kurang daripada <i>Below</i>	50	142	945,234	444,158	501,077	3,676	88,545	1,894
50 - 99	54	339,568	186,262	153,305	1,133	20,537	4,013	
100 - 199	56	383,071	231,377	151,694	1,721	36,682	8,139	
200 - 499	78	456,276	230,130	226,146	2,671	57,518	25,262	
500 - 999	62	714,510	441,759	272,750	2,121	52,493	44,143	
1,000 - 4,999	95	1,920,966	990,161	930,805	6,161	145,631	214,474	
5,000 - 9,999	26	844,260	585,219	259,041	1,524	35,244	182,430	
10,000 - 49,999	15	507,283	322,693	184,590	2,113	41,766	364,689	
50,000 dan lebih <i>and above</i>	9	1,999,798	1,318,408	681,390	2,928	75,335	1,328,597	

Jadual B8: Guna tenaga dan gaji & upah dalam subsektor perhutanan dan pembalakan mengikut kategori pekerja, 2010

Table B8: Employment and salaries & wages in forestry and logging sub-sector by category of workers, 2010

Kategori pekerja <i>Category of workers</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>			Gaji & upah yang dibayar <i>Salaries & wages paid</i> (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
Jumlah <i>Total</i>	24,048	22,012	2,036	553,752
Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Total working proprietors and unpaid family workers</i>	265	257	8	n.a
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	248	241	7	n.a
Pekerja keluarga tidak bergaji (semua ahli keluarga yang tidak menerima upah yang tetap) <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	17	16	1	n.a
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	23,460	21,439	2,021	549,155
Pengurusan, profesional dan eksekutif <i>Managerial, professionals and executives</i>	1,120	954	166	75,251
Juruteknik dan profesional bersekutu (cth. penyelia, mandur) <i>Technicians and associate professionals (e.g. supervisor, mandores)</i>	1,440	1,396	44	47,623
Perkeranian (cth. kerani, penyambut tetamu) <i>Clerical occupation (e.g. clerks, receptionist)</i>	1,875	468	1,407	35,335
Pekerjaan asas (cth. pemandu, pengawal keselamatan) <i>Elementary occupation (e.g. drivers, security guards)</i>	1,230	1,052	178	18,997
Pekerja balak diambil secara langsung (cth. penebang, penarik, pengangkut, pemandu lori) <i>Logging workers directly employed (e.g. feller, puller, carrier, lorry driver)</i>	12,716	12,605	111	275,805
Pekerja diambil bekerja melalui kontraktor buruh <i>Workers employed through labour contractors</i>	5,079	4,964	115	96,144
Jumlah pekerja bergaji (sambilan) <i>Total paid employees (part-time)</i>	323	316	7	4,597

Jadual B9: Guna tenaga dalam subsektor perhutanan dan pembalakan mengikut industri, 2010
Table B9: Employment in the forestry and logging sub-sector by industry, 2010

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <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 Total		537	24,048	265	23,460	323	5,804
Silvikultur dan aktiviti perhutanan lain <i>Silviculture and other forestry activities</i>	021	20	932	10	922	-	31
Penanaman, penanaman semula, pemindahan, pengurusan dan pemuliharaan hutan dan kawasan lapang <i>Planting, replanting, transplanting, thinning and conserving of forest and timber tracts</i>	02101	11	623	7	616	-	-
Operasi tapak semaian pokok hutan <i>Operation of forest tree nurseries</i>	02103	4	37	2	35	-	-
Ladang hutan <i>Forest plantation</i>	02105	5	272	1	271	-	31
Pembalakan <i>Logging</i>	022	401	18,763	201	18,281	281	5,612
Pengeluaran kayu balak untuk industri berasaskan kayu <i>Production of round wood for forest-based manufacturing industries</i>	02201	352	15,614	185	15,154	275	5,423

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

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

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <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>	
Pengeluaran kayu balak yang digunakan dalam bentuk belum proses <i>Production of round wood used in an unprocessed form</i>	02202	30	2,097	9	2,082	6	69
Pengeluaran arang kayu dalam hutan (menggunakan kaedah tradisional) <i>Production of charcoal in the forest (using traditional methods)</i>	02203	9	716	2	714	-	120
Pembalakan kayu getah <i>Rubber wood logging</i>	02204	10	336	5	331	-	-

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

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

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir <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>	
Perkhidmatan sokongan perhutanan <i>Support service to forestry</i>	024	116	4,353	54	4,257	42	161
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>	02401	12	695	7	688	-	12
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>	02402	104	3,658	47	3,569	42	149

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

Table B10: Employment in the forestry and logging sub-sector by sex and industry, 2010

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Jumlah <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries & wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
									(RM '000)	(RM '000)
Jumlah <i>Total</i>		24,048	22,012	2,036	257	8	21,755	2,028	515,434	38,318
Silvikultur dan aktiviti perhutanan lain <i>Silviculture and other forestry activities</i>	021	932	791	141	9	1	782	140	17,088	2,324
Penanaman, penanaman semula, pemindahan, pengurusan dan pemuliharaan hutan dan kawasan lapang <i>Planting, replanting, transplanting, thinning and conserving of forest and timber tracts</i>	02101	623	566	57	7	-	559	57	12,326	868
Operasi tapak semaian pokok hutan <i>Operation of forest tree nurseries</i>	02103	37	32	5	2	-	30	5	723	90
Ladang hutan <i>Forest plantation</i>	02105	272	193	79	-	1	193	78	4,039	1,366

Jadual B10: Guna tenaga dalam subsektor perhutanan dan pembalakan mengikut jantina dan industri, 2010 (samb.)

Table B10: Employment in the forestry and logging sub-sector by sex and industry, 2010 (cont'd)

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Jumlah <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries & wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
									(RM '000)	(RM '000)
Pembalakan <i>Logging</i>	022	18,763	17,138	1,625	194	7	16,944	1,618	408,325	31,162
Pengeluaran kayu balak untuk industri berasaskan kayu <i>Production of round wood for forest-based manufacturing industries</i>	02201	15,614	14,461	1,153	178	7	14,283	1,146	346,312	24,045
Pengeluaran kayu balak yang digunakan dalam bentuk belum proses <i>Production of round wood used in an unprocessed form</i>	02202	2,097	1,876	221	9	-	1,867	221	46,936	4,028
Pengeluaran arang kayu dalam hutan (menggunakan kaedah tradisional) <i>Production of charcoal in the forest (using traditional methods)</i>	02203	716	492	224	2	-	490	224	10,678	2,626
Pembalakan kayu getah <i>Rubber wood logging</i>	02204	336	309	27	5	-	304	27	4,399	464

Jadual B10: Guna tenaga dalam subsektor perhutanan dan pembalakan mengikut jantina dan industri, 2010 (samb.)
Table B10: Employment in the forestry and logging sub-sector by sex and industry, 2010 (cont'd)

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Jumlah <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries & wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
									(RM '000)	
Perkhidmatan sokongan perhutanan <i>Support service to forestry</i>	024	4,353	4,083	270	54	-	4,029	270	90,021	4,832
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>	02401	695	661	34	7	-	654	34	11,173	473
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>	02402	3,658	3,422	236	47	-	3,375	236	78,848	4,359

Jadual B11: Nilai harta tetap subsektor perhutanan dan pembalakan mengikut jenis harta, 2010
Table B11: Value of fixed assets of forestry and logging sub-sector by type of assets, 2010

Jenis harta <i>Type of assets</i>	Nilai buku bersih seperti pada 1.1.2010 <i>Net book value as at 1.1.2010</i>	Perbelanjaan modal <i>Capital expenditure</i>	Harta yang dijual atau ditamatkan penggunaannya <i>Assets sold or discarded</i>	Keuntungan/kerugian daripada jualan/penilaian semula harta <i>Gain/loss from sales/ revaluation of assets</i>	Susut nilai semasa <i>Current depreciation</i>	Nilai buku bersih seperti pada 31.12.2010 <i>Net book value as at 31.12.2010</i>
	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
Jumlah <i>Total</i>	2,246,553	341,900	39,647	9,851	385,017	2,173,640
Harta tetap <i>Fixed assets</i>	2,023,817	306,369	38,569	9,851	381,391	1,920,077
Tanah <i>Land</i>	82,547	7,045	21	-	16,391	73,180
Bangunan dan binaan lain <i>Buildings and other construction</i>						
Tempat kediaman <i>Residential</i>	10,104	2,750	86	-	1,242	11,527
Bukan tempat kediaman <i>Non-residential</i>	156,781	24,266	643	(491)	14,629	165,285
Binaan lain kecuali pembangunan tanah (cth. pagar) <i>Other construction except land improvement (e.g. fence)</i>	56,454	9,343	-	-	12,288	53,508
Pembangunan tanah <i>Land improvement</i>	398,123	61,662	-	-	34,958	424,826
Alat pengangkutan <i>Transport equipment</i>						
Kereta penumpang <i>Passenger cars</i>	17,250	3,228	2,832	373	5,329	12,690
Kenderaan perdagangan (cth. lori, van, pikap) <i>Commercial vehicles (e.g. lorries, vans, pick-ups)</i>	125,161	23,974	2,793	946	33,011	114,278
Lain-lain (cth. trak pembalakan) <i>Others (e.g. logging truck)</i>	189,224	30,392	13,668	2,222	56,910	151,261

Jadual B11: Nilai harta tetap subsektor perhutanan dan pembalakan mengikut jenis harta, 2010 (samb.)

Table B11: Value of fixed assets of forestry and logging sub-sector by type of assets, 2010 (cont'd)

Jenis harta <i>Type of assets</i>	Nilai buku bersih seperti pada 1 Januari <i>Net book value as at 1.1.2010</i>	Perbelanjaan modal <i>Capital expenditure</i>	Harta yang dijual atau ditamatkan penggunaannya <i>Assets sold or discarded</i>	Keuntungan/kerugian daripada jualan/penilaian semula harta <i>Gain/loss from sales/ revaluation of assets</i>	Susut nilai semasa <i>Current depreciation</i>	Nilai buku bersih seperti pada 31 Disember <i>Net book value as at 31.12.2010</i>
	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
Komputer <i>Computer</i>						
Perkakasan komputer <i>Computer hardware</i>	9,838	285	8	(2)	1,060	9,054
Perisian komputer <i>Computer software</i>	271	550	0	-	140	681
Jentera dan kelengkapan <i>Machinery and equipment</i>	958,338	139,443	18,201	6,680	200,892	885,366
Perabot dan pemasangan <i>Furniture and fittings</i>	19,727	3,430	317	123	4,541	18,422
Harta lain <i>Other assets</i>	222,736	35,531	1,078	-	3,626	253,563
Paten <i>Patent</i>	-	-	-	-	-	-
Muhibah dsb. <i>Goodwill etc.</i>	62	-	-	-	-	62
Stok pokok yang sedang membesar <i>Growing trees stock</i>	108,783	17,176	-	-	-	125,959
Kerja modal sedang dijalankan <i>Capital work in-progress</i>	69,922	12,218	531	-	10	81,598
Lain-lain <i>Others</i>	43,969	6,137	547	-	3,616	45,944

Jadual B12: Sistem pembalakan dalam subsektor perhutanan dan pembalakan mengikut negeri, 2010
Table B12: Logging system in forestry and logging sub-sector by states, 2010

Negeri <i>State</i>	Bilangan pertubuhan <i>Number of establishments</i>	Sistem pembalakan <i>Logging system</i>					Jentera penggali berasaskan pembalakan <i>Excavator-based logging</i>
		Jentolak <i>Bulldozer</i>	Helikopter <i>Helicopter</i>	Kabel <i>Cable</i>	Kuda-kuda <i>Sleigh logging</i>		
Jumlah <i>Total</i>	502	465	9	81	7	148	
Johor	25	19	-	1	-	7	
Kedah	16	16	1	-	1	2	
Pulau Pinang							
Kelantan	102	101	-	15	1	27	
Melaka	13	12	-	-	-	1	
Negeri Sembilan							
Pahang	54	51	1	9	1	10	
Perak	29	25	-	4	-	13	
Sabah	54	50	3	16	1	22	
Sarawak	183	167	4	34	3	61	
Selangor	4	4	-	1	-	1	
Terengganu	22	20	-	1	-	4	

Jadual B13 : Perangkaan utama pertubuhan milikan wanita dalam subsektor perhutanan dan pembalakan mengikut kumpulan, 2010

Table B13 : Principal statistics of women-owned establishments in forestry and logging sub-sector by group, 2010

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
Jumlah <i>Total</i>		18	121,222	62,134	59,088	606	12,079	12,096
Silvikultur dan aktiviti perhutanan lain <i>Silviculture and other forestry activities</i>	021	4	24,500	15,986	8,514	193	3,440	2,765
Perkhidmatan sokongan perhutanan <i>Support service to forestry</i>	024							
Pembalakan <i>Logging</i>	022	14	96,722	46,148	50,574	413	8,640	9,331

Jadual B14: Perangkaan utama pertubuhan milikan wanita dalam subsektor perhutanan dan pembalakan mengikut wilayah, 2010

Table B14: Principal statistics of women-owned establishments in forestry and logging sub-sector by region, 2010

Wilayah <i>Region</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>	18	121,222	62,134	59,088	606	12,079	12,096
Semenanjung Malaysia <i>Peninsular Malaysia</i>	11	85,226	38,594	46,632	321	6,883	2,908
Sabah & Sarawak	7	35,996	23,540	12,456	285	5,197	9,187

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

*MALAYSIA STANDARD INDUSTRIAL
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(AGRICULTURE SECTOR)*





PIAWAIAN KLASIFIKASI INDUSTRI MALAYSIA 2008 Ver. 1.0
MALAYSIA STANDARD INDUSTRIAL CLASSIFICATION 2008 Ver. 1.0

Kumpulan Groups	Perkara Items	Keterangan Description	MSIC 2000
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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	011	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



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Kumpulan <i>Groups</i>	Perkara <i>Items</i>	Keterangan <i>Description</i>	MSIC 2000
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Penanaman tanaman tidak kekal <i>Growing of non-perennial crops</i>			
011	01193	Penanaman sago (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

Penanaman tanaman kekal <i>Growing of perennial crops</i>			
012	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



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



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



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Kumpulan Groups	Perkara Items	Keterangan Description	MSIC 2000
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Pembiakan tumbuhan <i>Plant propagation</i>			
013	01301	Penanaman tumbuhan sebagai tanaman <i>Growing of plants for planting</i>	01129p
	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

Pengeluaran ternakan <i>Animal production</i>			
014	01411	Penternakan pembiakan dan pengeluaran lembu atau kerbau <i>Raising, breeding and production of cattle or buffaloes</i>	01211p, 01219p
	01412	Pengeluaran susu mentah daripada lembu atau kerbau <i>Production of raw milk from cows or buffaloes</i>	01211p
	01413	Pengeluaran air mani lembu <i>Production of bovine semen</i>	01211p
	01420	Penternakan dan pembiakan kuda, keldai baghal atau hinnes <i>Raising and breeding of horses, asses, mules or hinnes</i>	01219p
	01430	Penternakan dan pembiakan unta (dromedary) dan camelid <i>Raising and breeding of camels (dromedary) and camelids</i>	01219p
	01441	Penternakan, pembiakan dan pengeluaran biri-biri dan kambing <i>Raising, breeding and production of sheep and goats</i>	01219p
	01442	Pengeluaran susu mentah biri-biri atau kambing <i>Production of raw sheep or goat's milk</i>	01219p
	01443	Pengeluaran bulu belum proses <i>Production of raw wool</i>	01219p



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Kumpulan Groups	Perkara Items	Keterangan Description	MSIC 2000
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Pengeluaran ternakan <i>Animal production</i>			
014	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 semidomesticated</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
	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



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Kumpulan Groups	Perkara Items	Keterangan Description	MSIC 2000
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Pengeluaran ternakan <i>Animal production</i>			
014	01495	Penternakan lebah dan pengeluaran hasil madu dan lilin lebah <i>'Bee keeping and production of honey and beeswax</i>	01219p
	01496	Penternakan dan pembiakan haiwan perliharaan <i>Raising and breeding of pet animals</i>	01219p
	01497	Penternakan dan pembiakan burung walit <i>Raising and breeding of swiflet</i>	01219p
	01499	Penternakan pelbagai/ haiwan lain t.t.t.l. <i>Raising of diverse/other animals n.e.c</i>	01219p

Pertanian campuran <i>Mixed farming</i>			
015	01500	Pertanian campuran <i>Mixed farming</i>	01300

Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian <i>Support activities to agriculture and post-harvest crops activities</i>			
016	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
	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



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Kumpulan <i>Groups</i>	Perkara <i>Items</i>	Keterangan <i>Description</i>	MSIC 2000
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Silvikultur dan aktiviti perhutanan lain <i>Silviculture and other forestry activities</i>			
021	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

Pembalakan <i>Logging</i>			
022	02201	Pengeluaran kayu balak untuk industri berasaskan kayu <i>Production of round wood for forest-based manufacturing industries</i>	02001p
	02202	Pengeluaran kayu balak dalam bentuk belum diproses <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



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Kumpulan Groups	Perkara Items	Keterangan Description	MSIC 2000
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Perkhidmatan sokongan perhutanan <i>Support service to forestry</i>			
024	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 perhutanan <i>Carrying out part of the forestry operation on a fee or contract basis for logging service activities</i>	02009p

Perikanan <i>Fisheries</i>			
031	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



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Kumpulan Groups	Perkara Items	Keterangan Description	MSIC 2000
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Perikanan Fisheries			
031	03122	Pengambilan krustasia dan moluska air tawar <i>Taking of freshwater crustaceans and molluscs</i>	05002p
	03123	Pengambilan haiwan akuatik air tawar <i>Taking of freshwater aquatic animals</i>	05002p
	03124	Pengumpulan flora dan fauna air tawar <i>Gathering of freshwater flora and fauna</i>	05002p
	03129	Perikanan ikan air tawar t.t.t.l <i>Fishing in fresh water</i>	05009p

Akuakultur Aquaculture			
032	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-cangkerang, 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



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Kumpulan <i>Groups</i>	Perkara <i>Items</i>	Keterangan <i>Description</i>	MSIC 2000
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032 Akuakultur <i>Aquaculture</i>			
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 mollusks and other aquatic animals</i>	05003p
03224		Operasi penetasan anak benih (air tawar) <i>Operation of hatcheries (freshwater)</i>	05003p
03225		Penternakan katak <i>Farming of frogs</i>	01219p
03229		Akuakultur air tawar t.t.t.l. <i>Freshwater aquaculture n.e.c.</i>	05009p

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Diterbit dan dicetak oleh Jabatan Perangkaan Malaysia
Published and printed by Department of Statistics, Malaysia

