



BANCI EKONOMI *ECONOMIC CENSUS*

2011



PERIKANAN *FISHERIES*





KATA PENGANTAR



Laporan ini membentangkan perangkaan subsektor perikanan yang diperolehi 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 perikanan (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 perikanan 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





PREFACE



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

This report contains three sections. The first part contains the findings for the entire agriculture sector (section A) and fisheries 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 fisheries sub-sector are incorporated in the third part of the report to facilitate analyses by users.

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

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SEPTEMBER 2012



Jabatan Perangkaan
M A L A Y S I A

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BANCI EKONOMI ***ECONOMIC CENSUS***



SEKSYEN **SECTION** **A**

RINGKASAN PENEMUAN **SEKTOR PERTANIAN**

SUMMARY FINDINGS OF THE **AGRICULTURE SECTOR**



SEKTOR PERTANIAN

1. PENDAHULUAN

Penerbitan ini mempersembahkan penemuan daripada Banci Ekonomi 2011 bagi sektor pertanian secara umum dan penemuan subsektor perikanan 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].



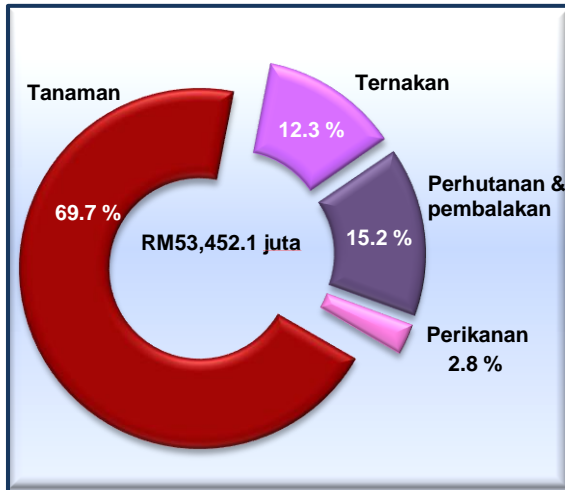


3. NILAI OUTPUT KASAR

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].

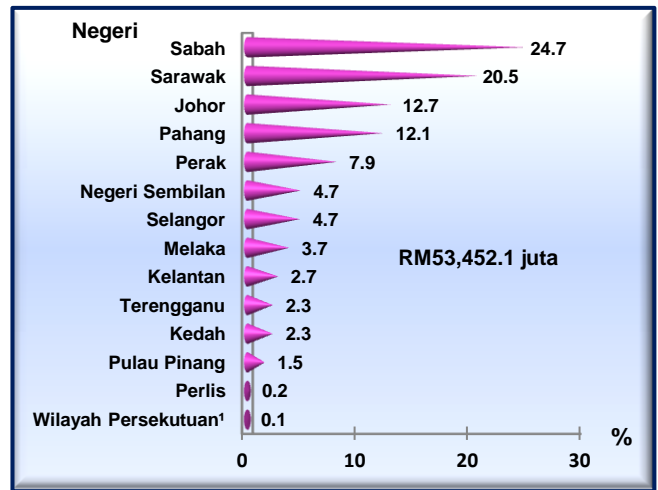
Carta 3.1

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

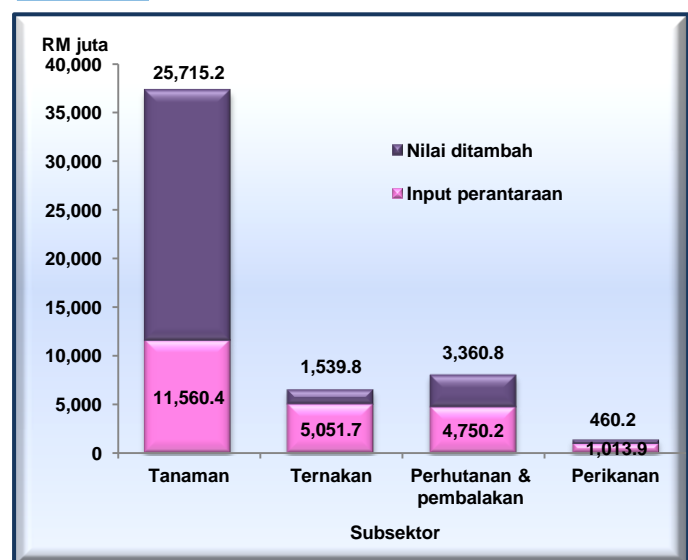
Sabah dan Sarawak mencatatkan output kasar tertinggi berbanding dengan negeri lain iaitu masing-masing 24.7 dan 20.5 peratus daripada jumlah output kasar pertanian (Carta 3.2).

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





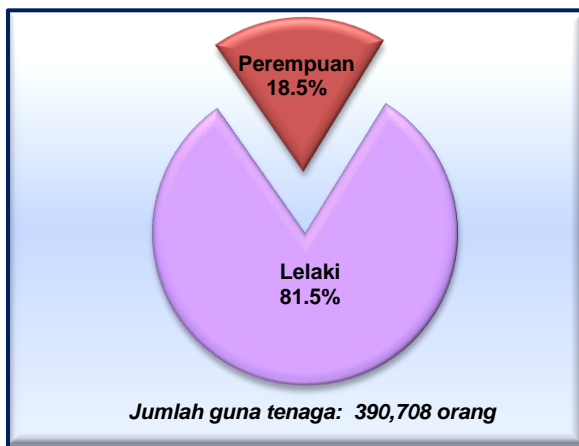
5. GUNA TENAGA DAN GAJI & UPAH

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).

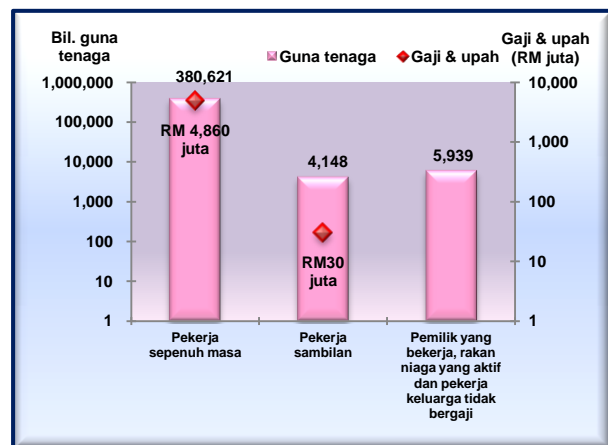
Carta 5.1

Peratus guna tenaga sektor pertanian mengikut jantina, 2010



Carta 5.2

Guna tenaga dan gaji & upah sektor pertanian, 2010



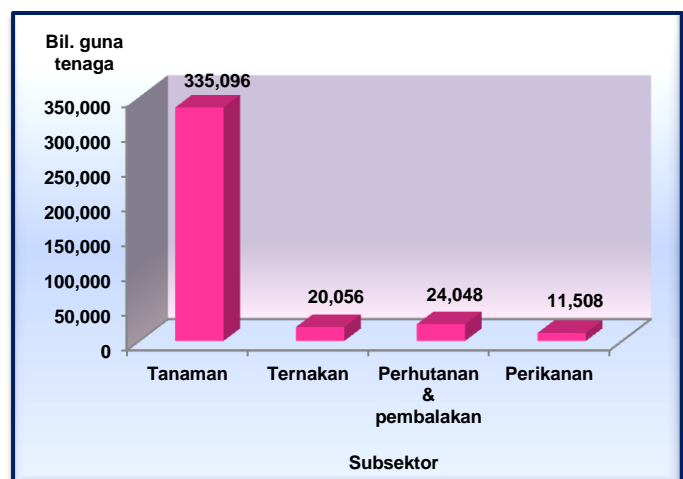
Daripada keseluruhan pekerja bergaji, pekerja sepenuh masa mencatatkan seramai 380,621 orang (98.9%) dan 4,148 orang (1.1%) adalah pekerja sambilan dengan jumlah gaji & upah yang dibayar sebanyak RM4,890.0 juta (Carta 5.2).

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

Jadual 5.1 Purata gaji & upah sebulan sektor pertanian mengikut negeri, 2010

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

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



6. NILAI HARTA TETAP

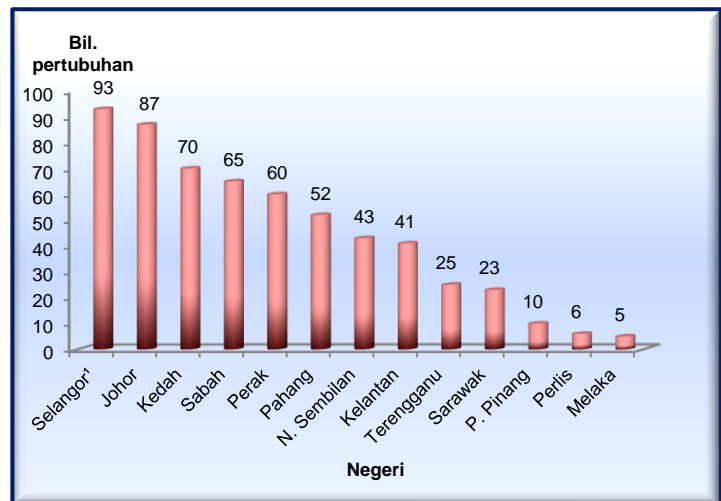
Nilai harta tetap sektor pertanian pada 2010 adalah sebanyak RM40,088.2 juta. Penyumbang terbesar adalah daripada subsektor tanaman iaitu sebanyak RM35,149.4 juta atau 87.7 peratus diikuti dengan perhutanan & pembalakan RM2,173.6 juta (5.4%), ternakan RM1,859.7 juta (4.6%) dan perikanan RM905.5 juta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

Jadual 6.1
Kadar pertumbuhan tahunan bagi nilai harta tetap sektor pertanian, 2005 dan 2010

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

7. PERTUBUHAN MILIKAN WANITA

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

Carta 7.1
Bilangan pertubuhan milikan wanita sektor pertanian mengikut negeri, 2010


Nota: ¹ Termasuk Wilayah Persekutuan Kuala Lumpur

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





AGRICULTURE SECTOR

1. INTRODUCTION

This publication presents the findings of the Economic Census 2011 for the agriculture sector in general and specifically for fisheries 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 the table below.

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

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

2. COVERAGE OF ESTABLISHMENTS

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





3. VALUE OF GROSS OUTPUT

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

Chart 3.1

Percentage value of gross output by sub-sector, 2010

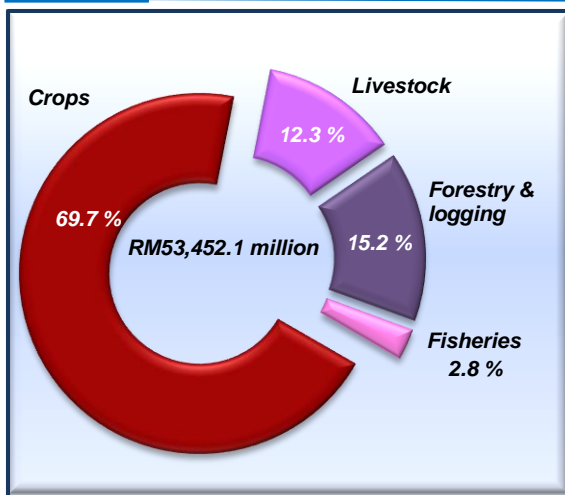
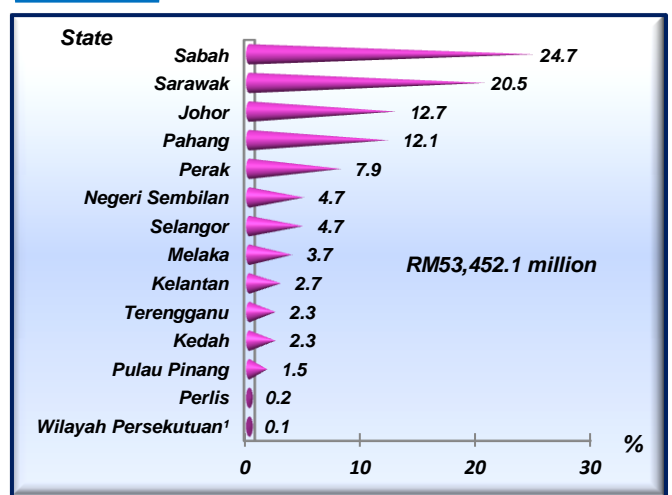


Chart 3.2

Percentage value of gross output agriculture sector by state, 2010



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

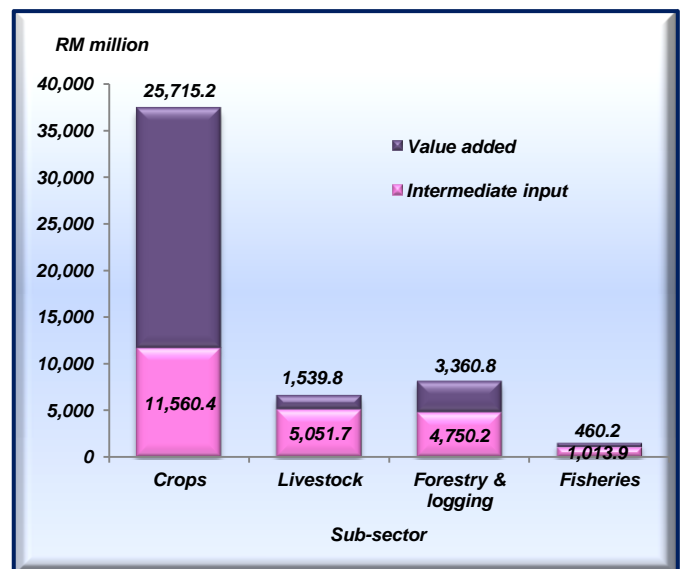
Sabah and Sarawak recorded the highest gross output compared to other states with 24.7 and 20.5 per cent of total agriculture gross output respectively (Chart 3.2).

4. VALUE ADDED

In 2010, a total of RM31,075.9 million value added has been produced from overall inputs consumed in the agriculture sector of RM22,376.1 million. The crops sub-sector 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 employees categories were 384,769 (98.5%) and only 5,939 persons (1.5%) were working proprietors, active business partners and unpaid family workers. From the total employment, 318,583 (81.5%) were male workers and the rest (18.5%) were female (Chart 5.1).

Chart 5.1

Percentage of employment in agriculture sector by gender, 2010

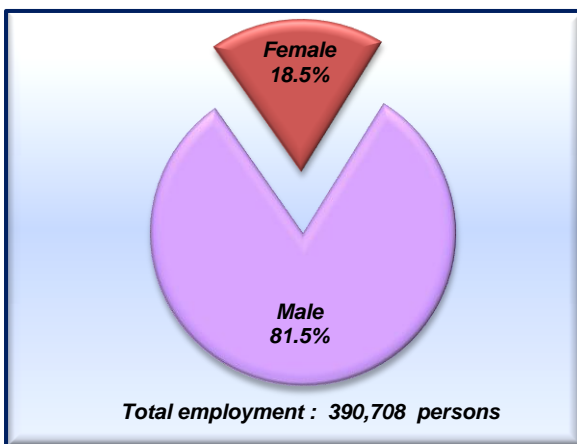
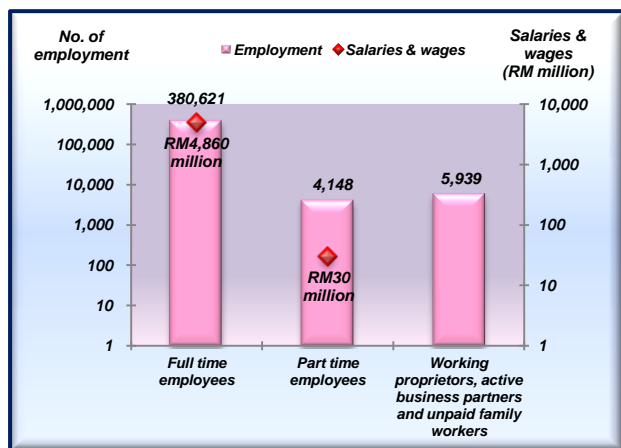


Chart 5.2

Employment and salaries & wages in agriculture sector, 2010



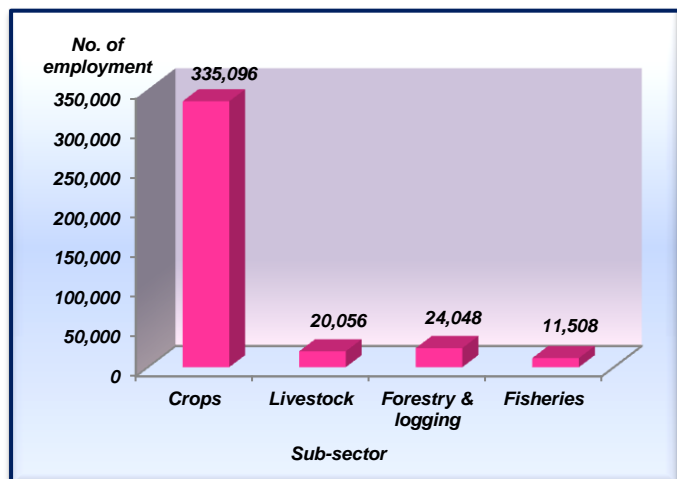
A total 380,621 persons (98.9%) of the paid employees were full time employees while 4,148 persons (1.1%) were part-time employees with a total of RM4,890.0 million paid as salaries & wages (Chart 5.2).

5.2 By sub-sector

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

Chart 5.3

Employment in agriculture sector by sub-sector, 2010





5.3 By state

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

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

State	Total employment	Total employees	Total salaries & wages (RM million)	Average salaries & wages per month (RM)
Malaysia	390,708	384,769	4,890.0	1,059
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

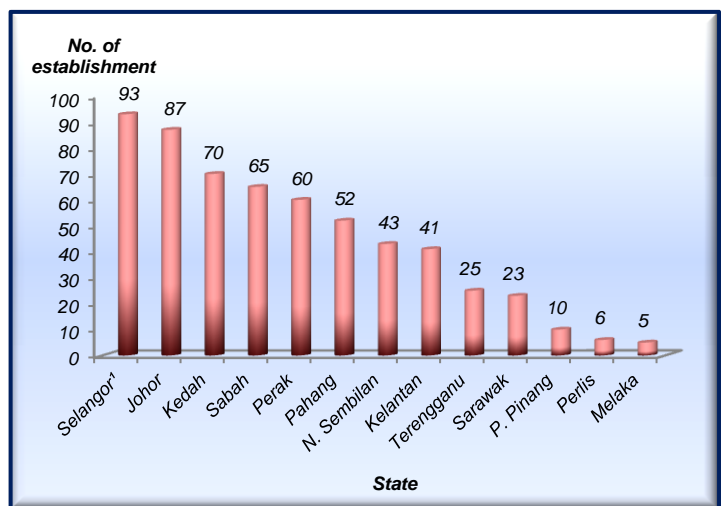
Sub-sector	Value of fixed asset (RM million)		Annual growth rate (%)
	2005	2010	
Crops	34,091.1	35,149.4	0.6
Livestock	1,664.1	1,859.7	2.3
Forestry & logging	1,168.7	2,173.6	13.2
Fisheries	162.0	905.5	41.1
Total	37,085.9	40,088.2	1.6

7. WOMEN-OWNED ESTABLISHMENTS

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

Chart 7.1

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



Note : ¹ Includes Wilayah Persekutuan Kuala Lumpur

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

BANCI EKONOMI ***ECONOMIC CENSUS***



SEKSYEN **SECTION** **B**

RINGKASAN PENEMUAN **SUBSEKTOR PERIKANAN**

SUMMARY FINDINGS OF THE ***FISHERIES SUB - SECTOR***



SUBSEKTOR PERIKANAN

1. PRESTASI KESELURUHAN

Prestasi subsektor perikanan pada 2005 dan 2010 ditunjukkan dalam Jadual 1.1. Secara keseluruhan, semua perangkaan utama menunjukkan pertumbuhan tahunan yang positif. Nilai output kasar pada 2010 adalah RM1,474.1 juta, meningkat sebanyak RM1,142.3 juta berbanding 2005 dengan pertumbuhan tahunan 34.8 peratus.

Jadual 1.1
Perangkaan utama subsektor perikanan, 2005 dan 2010

Perangkaan utama	2005	2010	Kadar pertumbuhan tahunan (%)
Pertubuhan (Bilangan)	566	855	8.6
Nilai output kasar (RM juta)	331.8	1,474.1	34.8
Nilai input perantaraan (RM juta)	240.1	1,013.9	33.4
Nilai ditambah (RM juta)	91.7	460.2	38.1
Guna tenaga (Bilangan)	4,020	11,508	23.4
Gaji & upah (RM juta)	39.0	163.9	33.3
Nilai harta tetap (RM juta)	162.0	905.5	41.1

Nilai ditambah subsektor ini berjumlah RM460.2 juta pada 2010 yang mengalami peningkatan sebanyak RM368.5 juta berbanding 2005 dengan kadar pertumbuhan tahunan sebanyak 38.1 peratus. Corak yang sama dipamerkan pada guna tenaga dengan kadar pertumbuhan tahunan sebanyak 23.4 peratus. Keadaan ini sekaligus menyumbang pertumbuhan tahunan yang positif kepada jumlah gaji & upah sebanyak 33.3 peratus.

2. PRESTASI MENGIKUT INDUSTRI

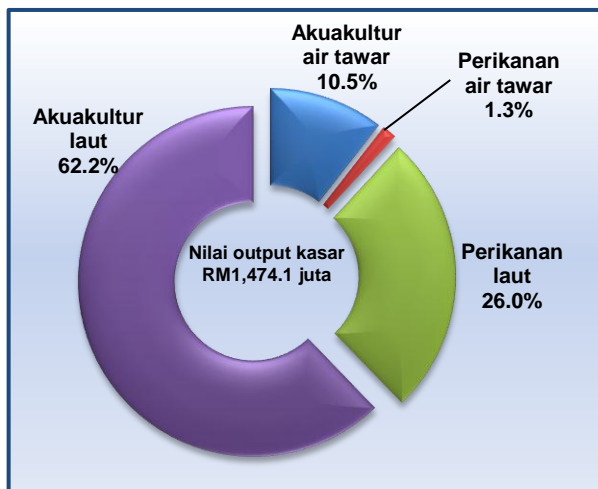
Industri perikanan komersil di laut dan perairan pantai merekodkan bilangan pertubuhan tertinggi iaitu sebanyak 211 (24.7%), diikuti ternakan ikan air tawar 192 (22.5%) dan ternakan ikan di laut 137 pertubuhan (16.0%). Industri penternakan katak pula mencatatkan bilangan pertubuhan terendah (0.4%) [Jadual B1].





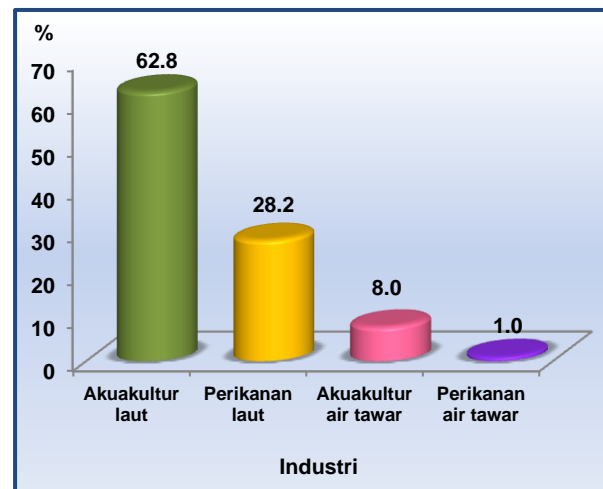
Carta 2.1

Peratus nilai output kasar mengikut industri, 2010



Carta 2.2

Peratus nilai ditambah mengikut industri, 2010



Carta 2.1 menunjukkan akuakultur laut merupakan penyumbang terbesar kepada nilai output kasar iaitu RM916.2 juta (62.2%). Ini diikuti perikanan laut RM382.7 juta (26.0%), akuakultur air tawar RM155.4 juta (10.5%) dan perikanan air tawar RM19.8 juta (1.3%).

Dari segi nilai ditambah, akuakultur laut turut menjadi penyumbang tertinggi iaitu RM289.1 juta (62.8%). Ini diikuti perikanan laut dan akuakultur air tawar masing-masing mencatatkan sebanyak RM129.9 juta (28.2%) dan RM36.8 juta (8.0%) [Carta 2.2].

3. PRESTASI MENGIKUT NEGERI

Perak mempunyai bilangan pertubuhan tertinggi dalam subsektor perikanan iaitu 224 pertubuhan (26.2%) daripada 855 pertubuhan yang beroperasi, diikuti Johor dan Selangor masing-masing 143 pertubuhan (16.7%) dan 106 pertubuhan (12.4%). Ketiga-tiga negeri ini mewakili 55.3 peratus daripada jumlah pertubuhan di Malaysia (Jadual B2).

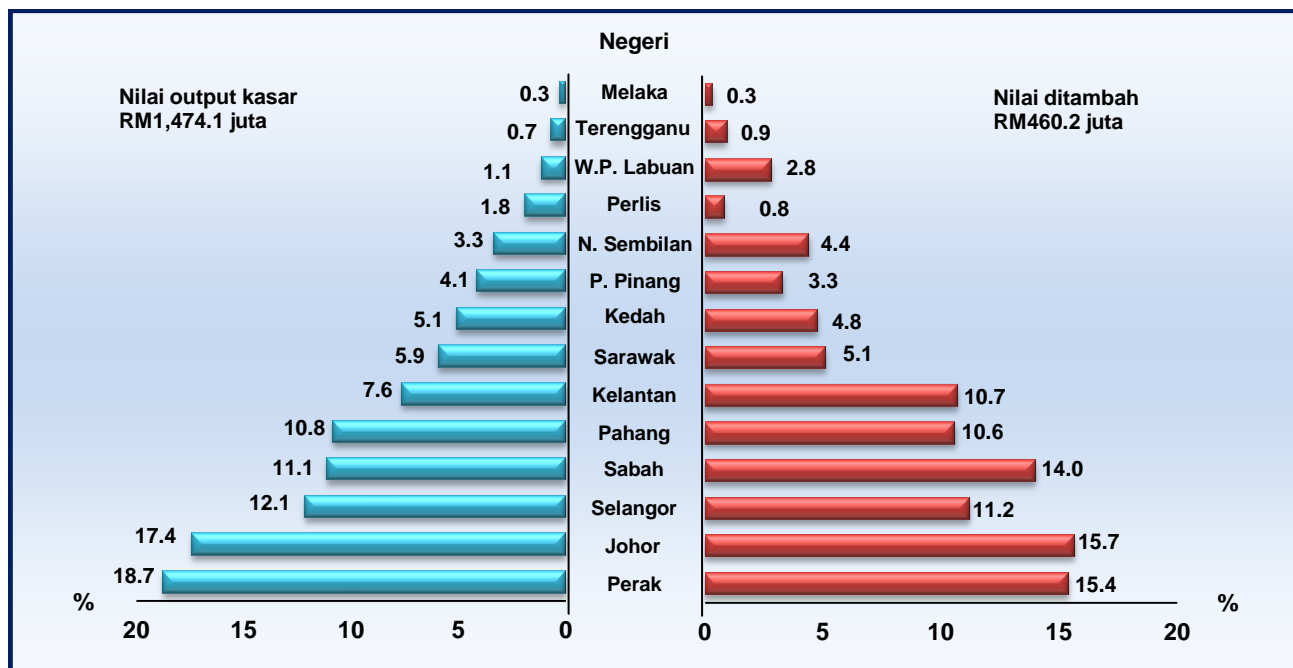
Carta 3.1 menunjukkan Perak menyumbang nilai output kasar tertinggi iaitu RM275.9 juta (18.7%), diikuti Johor RM257.1 juta (17.4%) dan Selangor RM178.5 juta (12.1%). Sementara itu, Melaka merekodkan nilai output kasar terendah iaitu RM4.0 juta (0.3%).

Keadaan berbeza ditunjukkan pada nilai ditambah, di mana Johor menyumbang sebanyak RM72.1 juta (15.7%), Perak RM71.0 juta (15.4%) dan Sabah RM64.1 juta (13.9%).





Carta 3.1 Peratus nilai output kasar dan nilai ditambah mengikut negeri, 2010



4. GUNA TENAGA DAN GAJI & UPAH

4.1 Mengikut kategori pekerja dan jantina

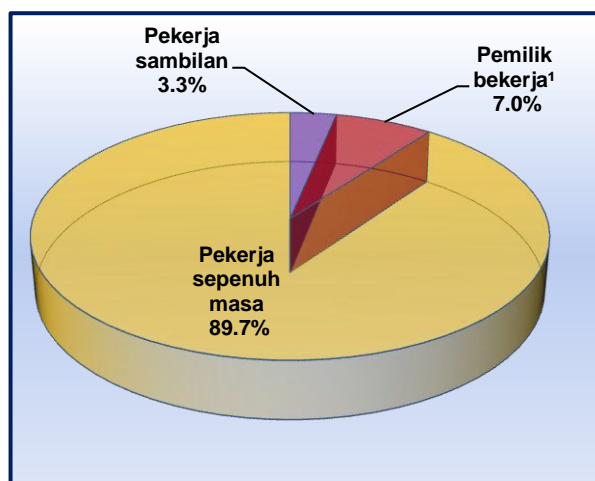
Bilangan guna tenaga subsektor perikanan pada 2010 ialah 11,508 orang yang mana 10,326 orang (89.7%) pekerja sepenuh masa. Bilangan pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji berjumlah 809 orang (7.0%) dan pekerja bergaji sambilan 373 orang (3.3%) [Carta 4.1]. Prestasi keseluruhan mengikut kategori dan jantina adalah seperti di Jadual 4.1.

Jadual 4.1 Guna tenaga mengikut kategori dan jantina, 2010

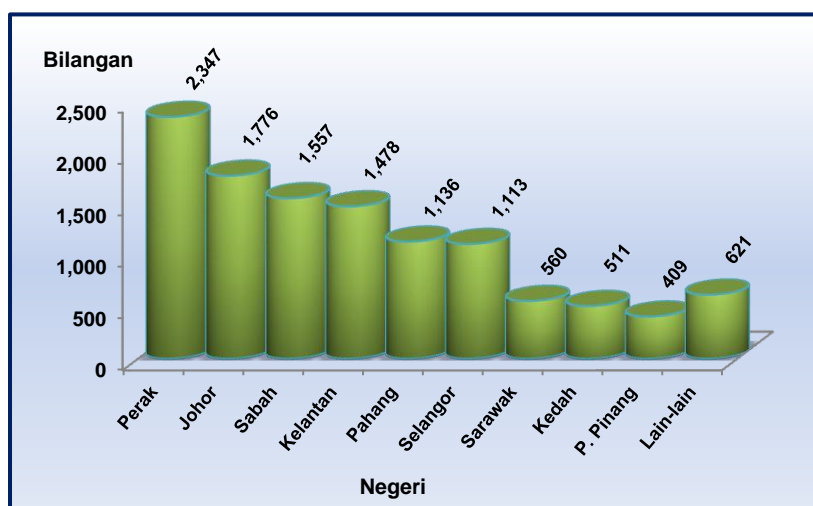
Kategori	Jumlah	Lelaki	%	Perempuan	%
Pemilik bekerja ¹	809	731	90.4	78	9.6
Pekerja bergaji sepenuh masa	10,326	9,338	90.4	988	9.6
Pekerja bergaji sambilan	373	339	90.9	34	9.1
Jumlah	11,508	10,408	90.4	1,100	9.6

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

Carta 4.1 Peratus guna tenaga mengikut kategori, 2010



4.2 Mengikut negeri

Carta 4.2 Guna tenaga mengikut negeri, 2010


Berdasarkan Carta 4.2, lebih 80 peratus daripada bilangan guna tenaga subsektor perikanan berada di Perak, Johor, Sabah, Kelantan, Pahang dan Selangor. Sarawak, Kedah dan Pulau Pinang mencatatkan 1,480 orang (12.9%) dan selebihnya daripada negeri-negeri lain.

4.3 Mengikut pekerjaan

Jadual 4.2 menunjukkan gaji & upah bagi pekerja bergaji sepenuh masa mengikut pekerjaan. Seramai 8,294 orang (80.3%) diambil bekerja sebagai pekerja buruh perikanan yang menerima bayaran gaji & upah RM105.2 juta (65.2%) dengan purata gaji & upah tahunan sebanyak RM12,678. Kategori pekerja ini menerima purata gaji & upah tahunan yang rendah berbanding kategori lain.

Jadual 4.2 Purata gaji & upah mengikut pekerjaan pekerja sepenuh masa, 2010

Pekerjaan	Pekerja sepenuh masa		Gaji & upah		Purata gaji & upah tahunan (RM)
	Bilangan	%	(RM'000)	%	
Pengurusan, profesional dan eksekutif	608	5.9	27,756	17.2	45,651
Juruteknik dan profesional bersekutu	592	5.7	15,892	9.9	26,845
Perkeranian dan pekerjaan berkaitan	535	5.2	8,305	5.1	15,523
Pekerja asas	297	2.9	4,215	2.6	14,192
Pekerja buruh perikanan	8,294	80.3	105,151	65.2	12,678
Jumlah	10,326	100	161,319	100	15,623



4.4 Mengikut saiz pekerja

Sejumlah 358 pertubuhan (41.9%) menggaji kurang daripada lima pekerja dan menyumbang sebanyak RM72.4 juta (4.9%) nilai output kasar dengan 903 pekerja. Sementara itu, pertubuhan yang mempunyai saiz pekerja 50 dan lebih adalah sebanyak 45 pertubuhan telah menyumbang RM575.2 juta (39.0%) nilai output kasar dan menggaji 4,433 pekerja.

Jadual 4.3 Bilangan pertubuhan, nilai output kasar dan guna tenaga mengikut saiz pekerja, 2010

Saiz pekerja	Bilangan pertubuhan		Nilai output kasar		Jumlah guna tenaga	
	Bilangan	%	RM Juta	%	Bilangan	%
< 5	358	41.9	72.4	4.9	903	7.8
5 – 19	349	40.8	486.8	33.0	3,249	28.3
20 – 49	103	12.0	339.7	23.1	2,923	25.4
≥ 50	45	5.3	575.2	39.0	4,433	38.5

4.5 Mengikut industri

Jadual 4.4 Purata gaji & upah pekerja sepenuh masa mengikut industri, 2010

Industri	Guna tenaga	Pekerja bergaji sepenuh masa	Gaji & Upah (RM'000)	Purata gaji & Upah tahunan (RM)
Perikanan laut	4,348	3,953	60,661	15,346
Perikanan air tawar	276	197	2,400	12,183
Akuakultur laut	5,640	5,226	84,421	16,154
Akuakultur air tawar	1,244	950	13,837	14,565
Jumlah	11,508	10,326	161,319	15,623

Sebanyak RM163.9 juta gaji & upah yang dibayar dalam subsektor perikanan pada 2010, yang mana RM161.3 juta adalah bayaran kepada pekerja bergaji sepenuh masa. Akuakultur laut mencatatkan bayaran gaji & upah tertinggi iaitu RM84.4 juta, diikuti perikanan laut RM60.7 juta dan akuakultur air tawar RM13.8 juta.

Purata gaji & upah setahun bagi subsektor perikanan adalah sebanyak RM15,623. Akuakultur laut mencatatkan purata gaji & upah tahunan tertinggi RM16,154, diikuti perikanan laut dan akuakultur air tawar masing-masing sebanyak RM15,346 dan RM14,565 (Jadual 4.4).



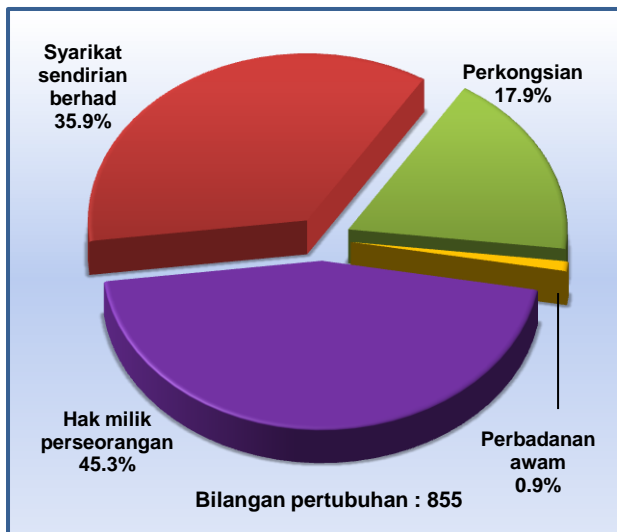


5. TARAF SAH

Sebanyak 45.3 peratus daripada 855 pertubuhan adalah Hak milik perseorangan, 35.9 peratus adalah Syarikat sendiri berhad, 17.9 peratus Perkongsian dan Perbadanan awam 0.9 peratus seperti yang dipaparkan dalam Carta 5.1.

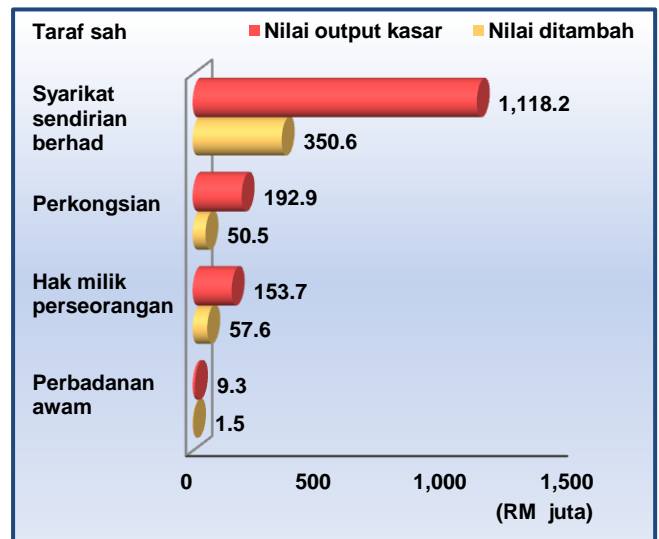
Carta 5.1

Peratus pertubuhan mengikut taraf sah, 2010



Carta 5.2

Nilai output kasar dan nilai ditambah mengikut taraf sah, 2010



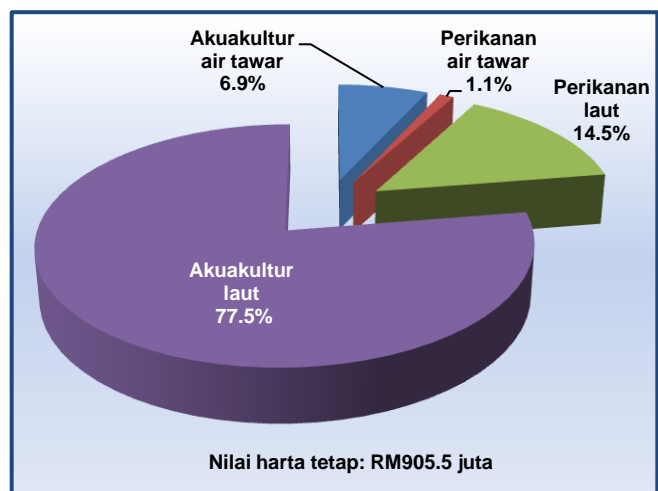
Syarikat sendiri berhad menjana nilai output kasar dan nilai ditambah yang terbesar masing-masing sebanyak RM1,118.2 juta dan RM350.6 juta. Ini diikuti oleh Perkongsian dengan nilai output kasar RM192.9 juta dan nilai ditambah RM50.5 juta (Carta 5.2).

6. NILAI HARTA TETAP

Pada 2010 nilai harta tetap yang direkodkan sebanyak RM905.5 juta yang mana 77.5 peratus (RM701.8 juta) dimiliki oleh akuakultur laut, diikuti perikanan laut 14.5 peratus (RM131.3 juta), akuakultur air tawar 6.9 peratus (RM62.3 juta) dan selebihnya adalah daripada perikanan air tawar (Carta 6.1).

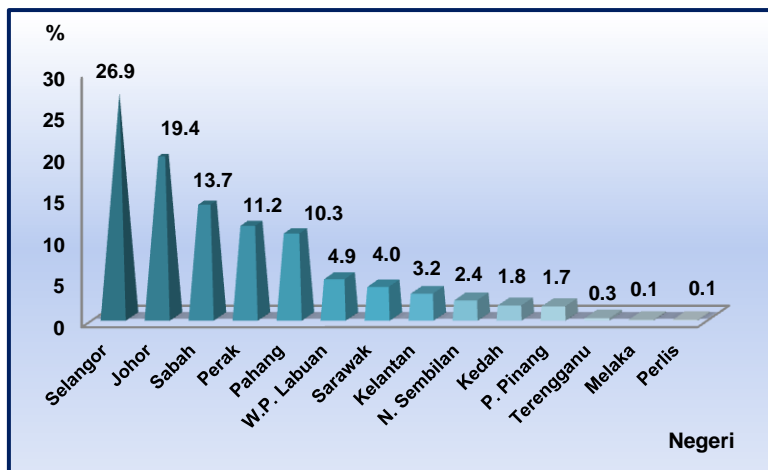
Carta 6.1

Peratus nilai harta tetap mengikut industri, 2010





Carta 6.2 Peratus nilai harta tetap mengikut negeri, 2010



Selangor memiliki nilai harta tetap tertinggi RM243.4 juta (26.9%), diikuti Johor RM175.6 juta (19.4%), Sabah RM123.6 juta (13.7%), Perak RM101.0 juta (11.2%) dan Pahang RM93.2 juta (10.3%). Secara kumulatif, kelima-lima negeri ini menyumbang 81.5 peratus daripada nilai harta tetap subsektor perikanan (Carta 6.2).

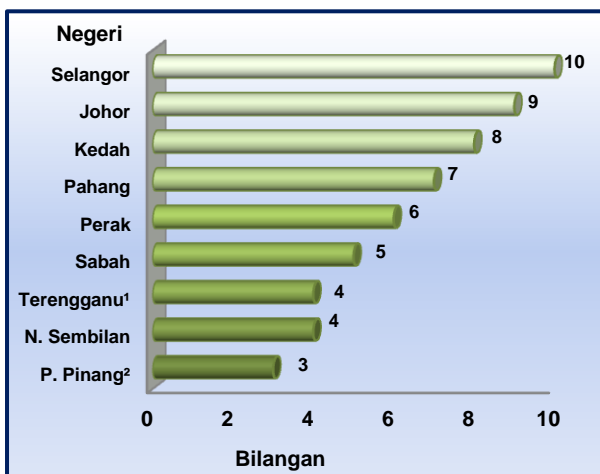
7. PERTUBUHAN MILIKAN WANITA

Daripada 855 pertubuhan subsektor perikanan, 56 pertubuhan adalah milikan wanita. Carta 7.1 menunjukkan Selangor mencatatkan bilangan tertinggi iaitu 10 pertubuhan (17.9%), diikuti Johor dan Kedah masing-masing sebanyak sembilan dan lapan pertubuhan.

Dari segi industri pula, akuakultur air tawar mencatatkan bilangan pertubuhan milikan wanita tertinggi iaitu 19, diikuti akuakultur laut 18, perikanan air tawar 10, dan perikanan laut sebanyak sembilan pertubuhan (Carta 7.2).

Carta 7.1

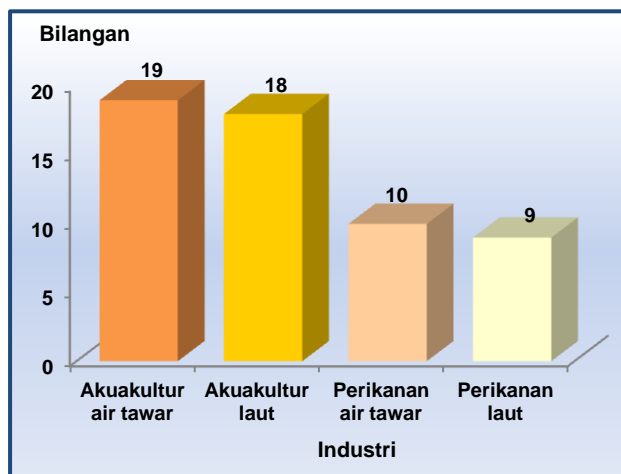
Bilangan pertubuhan milikan wanita mengikut negeri, 2010



Nota: ¹ Termasuk Kelantan
² Termasuk Perlis

Carta 7.2

Bilangan pertubuhan milikan wanita mengikut industri, 2010



FISHERIES SUB-SECTOR

1. OVERALL PERFORMANCE

The performance of the fisheries sub-sector in 2005 and 2010 are shown in Table 1.1. On the whole, all principal statistics showed positive annual growth. Value of gross output in 2010 was RM1,474.1 million, an increase of RM1,142.3 million compared to 2005 with an annual growth of 34.8 per cent.

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

Principal statistics	2005	2010	Annual growth rate (%)
Establishments (Number)	566	855	8.6
Value of gross output (RM million)	331.8	1,474.1	34.8
Value of intermediate input (RM million)	240.1	1,013.9	33.4
Value added (RM million)	91.7	460.2	38.1
Employment (Number)	4,020	11,508	23.4
Salaries & wages (RM million)	39.0	163.9	33.3
Value of fixed assets (RM million)	162.0	905.5	41.1

Value added in this sub-sector amounted to RM460.2 million in 2010 showed an increase of RM368.5 million compared to 2005 with an annual growth rate of 38.1 per cent. A similar trend was displayed in employment with an annual growth rate of 23.4 per cent. This situation contributes to a positive annual growth in total salaries & wages of 33.3 per cent.

2. PERFORMANCE BY INDUSTRY

Fishing on a commercial basis in ocean and coastal waters industry recorded the highest number of establishments at 211 (24.7%), followed by fish farming in freshwater with 192 (22.5%) and fish farming in sea water with 137 establishments (16.0%). Farming of frogs industry recorded the lowest number of establishment (0.4%) [Table B1].



Chart 2.1

Percentage of value of gross output by industry, 2010

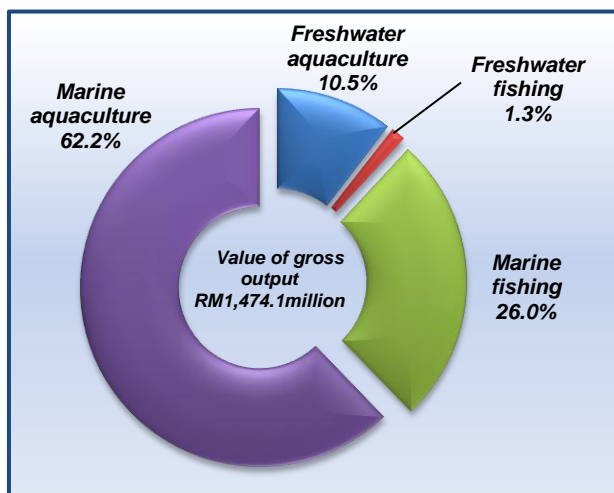


Chart 2.2

Percentage of value added by industry, 2010

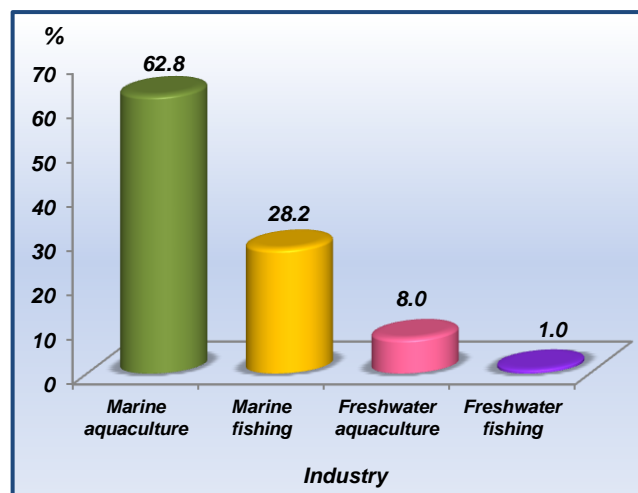


Chart 2.1 shows the marine aquaculture as the largest contributor to the value of gross output of RM916.2 million (62.2%). This is followed by marine fishing RM382.7 million (26.0%), freshwater aquaculture RM155.4 million (10.5%) and freshwater fishing RM19.8 million (1.3%).

In terms of value added, marine aquaculture was also the highest contributor with RM289.1 million (62.8%). This was followed by marine fishing and freshwater aquaculture recorded at RM129.9 million (28.2%) and RM36.8 million (8.0%) respectively (Chart 2.2).

3. PERFORMANCE BY STATE

Perak has the highest number of establishments in the fisheries sub-sector with 224 establishments (26.2%) of the 855 operating establishments, followed by Johor and Selangor which accounted for 143 establishments (16.7%) and 106 establishments (12.4%) respectively. These three states represented 55.3 per cent of the total establishments in Malaysia (Table B2).

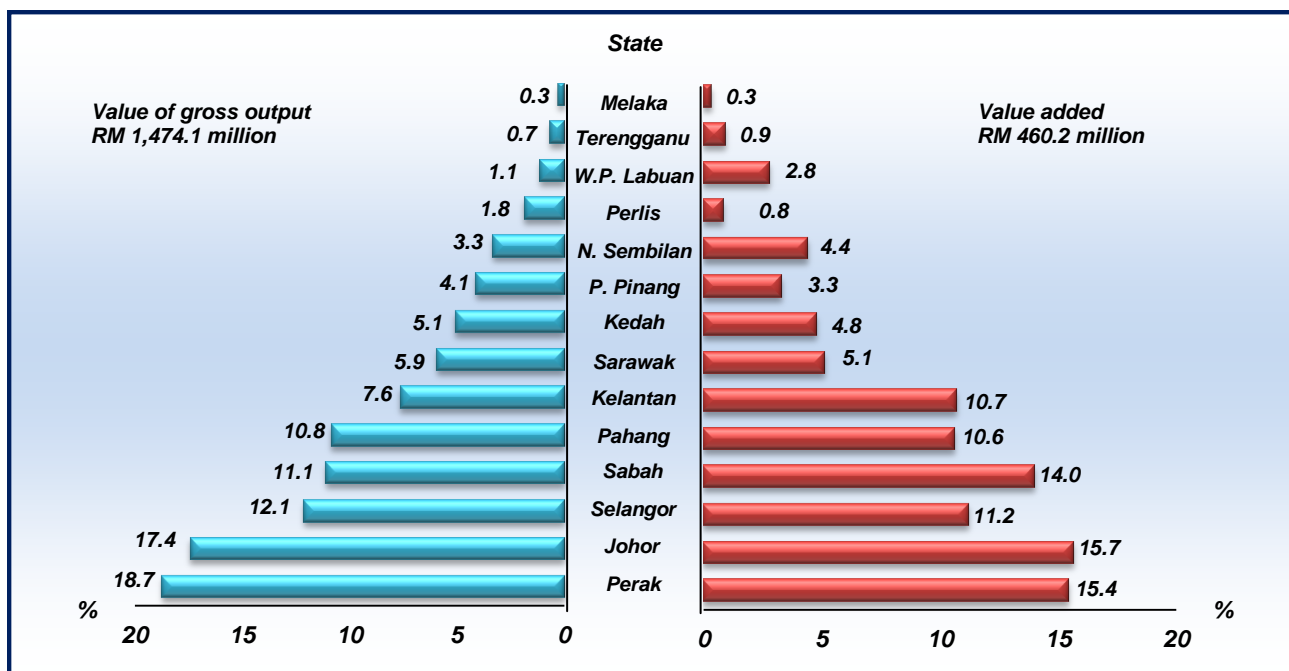
Chart 3.1 shows Perak as the highest contributor to value of gross output at RM275.9 million (18.7%), followed by Johor RM257.1 million (17.4%) and Selangor RM178.5 million (12.1%). Meanwhile, Melaka recorded the lowest value of gross output of RM4.0 million (0.3%).

The different situation is shown in the value added, where Johor contributed RM72.1 million (15.7%), Perak RM71.0 million (15.4%) and Sabah RM64.1 million (13.9%).





Chart 3.1 Percentage value of gross output and value added by states, 2010



4. EMPLOYMENT AND SALARIES & WAGES

4.1 Total employment by category and gender

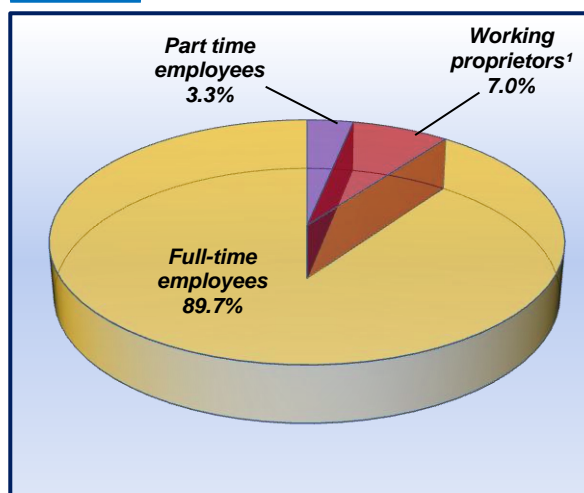
Total number of persons engaged in fisheries sub-sectors 2010 was 11,508 person, in which 10,326 persons (89.7%) full-time employees. Working proprietors, active business partner and unpaid family workers was 809 persons (7.0%) and part-time employee was 373 persons (3.3%) [Chart 4.1]. Overall performance by category and gender is shown in Table 4.1.

Table 4.1 Employment by category and gender, 2010

Category	Total	Male	%	Female	%
Working proprietors ¹	809	731	90.4	78	9.6
Full-time employees	10,326	9,338	90.4	988	9.6
Part-time employees	373	339	90.9	34	9.1
Total	11,508	10,408	90.4	1,100	9.6

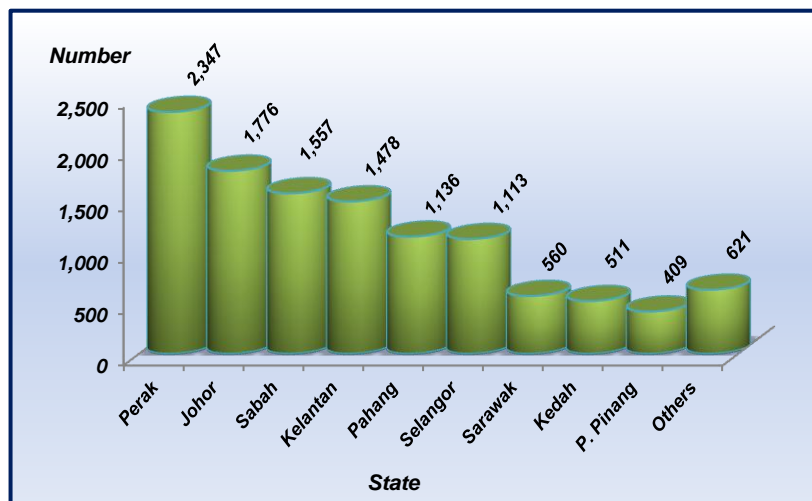
Note: ¹ Include working proprietors & unpaid family workers

Chart 4.1 Percentage of employment by category, 2010





4.2 By state

Chart 4.2 Employment by state, 2010


Based on Chart 4.2, more than 80 per cent of the total employments in the fisheries sub-sector were in Perak, Johor, Sabah, Kelantan, Pahang and Selangor. Sarawak, Kedah and Pulau Pinang recorded 1,480 persons (12.9%) and the rest from other states.

4.3 By occupation

Table 4.2 shows the salaries & wages of full time paid employees by occupation. A total of 8,294 persons (80.3%) were employed as fishery labour workers who received salaries & wages amounting to RM105.2 million (65.2%) with an average annual salaries & wages of RM12,678. This category of workers received the lowest average annual salaries & wages compared to other categories.

Table 4.2 Average salaries & wages by occupation of full time employees, 2010

Occupation	Full-time employees		Salaries & wages		Average annual salaries & wages (RM)
	Number	%	(RM'000)	%	
Managerial, professionals and executives	608	5.9	27,756	17.2	45,651
Technicians and associate professionals	592	5.7	15,892	9.9	26,845
Clerical and related occupations	535	5.2	8,305	5.1	15,523
Elementary occupations	297	2.9	4,215	2.6	14,192
Fishery labour workers	8,294	80.3	105,151	65.2	12,678
Total	10,326	100	161,319	100	15,623



4.4 By employment size

A total of 358 establishments (41.9%) employed less than five employees and contributed RM72.4 million (4.9%) of value of gross output with 903 employees. Meanwhile, establishments with employees size 50 and over was 45 establishments contributed RM575.2 million (39.0%) value of gross output and employed 4,433 employees.

Table 4.3 Number of establishment, Value of gross output and employment by employment size, 2010

Employment size	Number of establishments		Value of gross output		Total of employees	
	Number	%	RM million	%	Number	%
< 5	358	41.9	72.4	4.9	903	7.8
5 – 19	349	40.8	486.8	33.0	3,249	28.3
20 – 49	103	12.0	339.7	23.1	2,923	25.4
≥ 50	45	5.3	575.2	39.0	4,433	38.5

4.5 By industry

Table 4.4 Average salaries & wages of full-time employees by industry, 2010

Industry	Employment	Full-time employees	Salaries & wages (RM '000)	Average annual salaries & wages (RM)
Marine fishing	4,348	3,953	60,661	15,346
Freshwater fishing	276	197	2,400	12,183
Marine aquaculture	5,640	5,226	84,421	16,154
Freshwater aquaculture	1,244	950	13,837	14,565
Total	11,508	10,326	161,319	15,623

A total of RM163.9 million salaries & wages were paid in the fisheries sub-sector in 2010, in which RM161.3 million was paid to full-time employees. Marine aquaculture recorded the highest paid salaries & wages totaling RM84.4 million, followed by marine fishing RM60.7 million and freshwater aquaculture RM13.8 million.

Average annual salaries & wages for fisheries sub-sector was RM15,623. Marine aquaculture recorded the highest average salaries & wages of RM16,154, followed by marine fishing and freshwater aquaculture of RM15,346 and RM14,565 respectively (Table 4.4).





5. LEGAL ORGANISATION

A total of 45.3 per cent of 855 establishments were Individual proprietorship, 35.9 per cent Private limited company, 17.9 per cent Partnership and Public corporations 0.9 per cent as shown in Chart 5.1.

Chart 5.1 Percentage of establishments by legal organisation, 2010

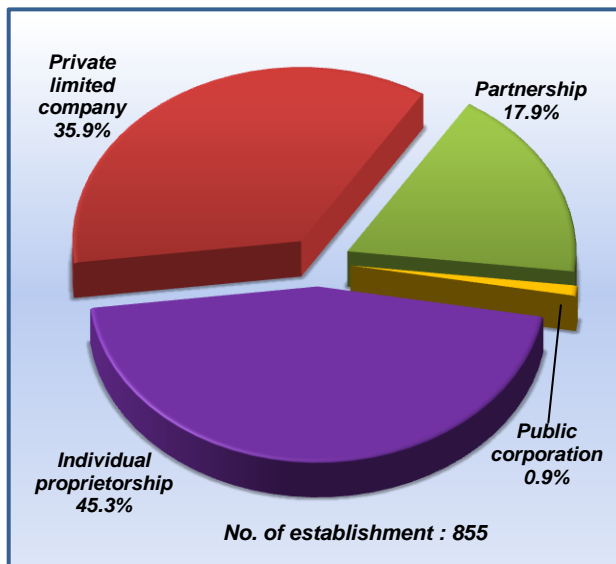
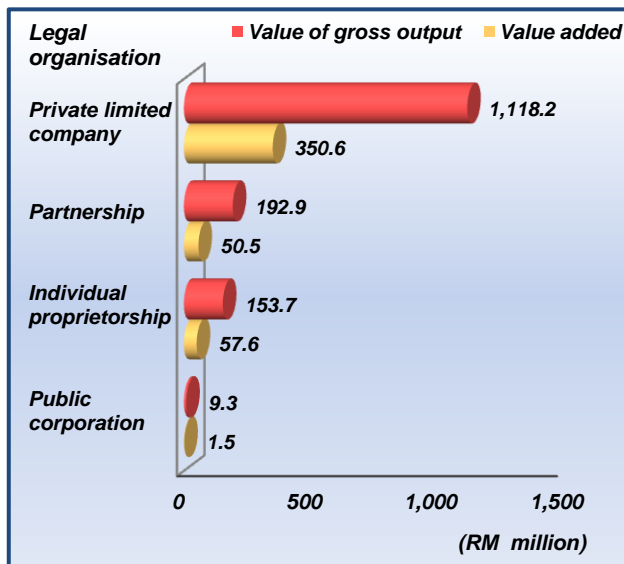


Chart 5.2 Value of gross output and value added by legal organisation, 2010



Private limited company generated the largest value gross output and value added of RM1,118.2 million and RM350.6 million respectively. This was followed by Partnership with value of gross output RM192.9 million and value added of RM50.5 million (Chart 5.2).

6. VALUE OF FIXED ASSETS

In 2010, value of fixed assets recorded of RM905.5 million in which 77.5 per cent (RM701.8 million) owned by marine aquaculture, followed by marine fishing 14.5 per cent (RM131.3 million), freshwater aquaculture 6.9 per cent (RM62.3 million) and the rest from freshwater fishing (Chart 6.1).

Chart 6.1 Percentage value of fixed assets by industry, 2010

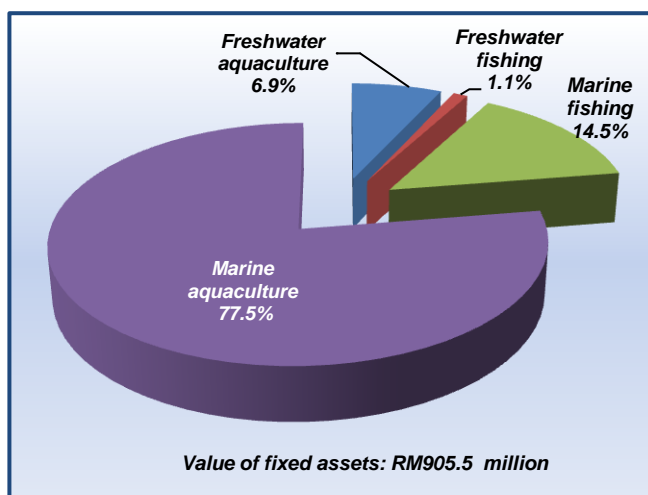
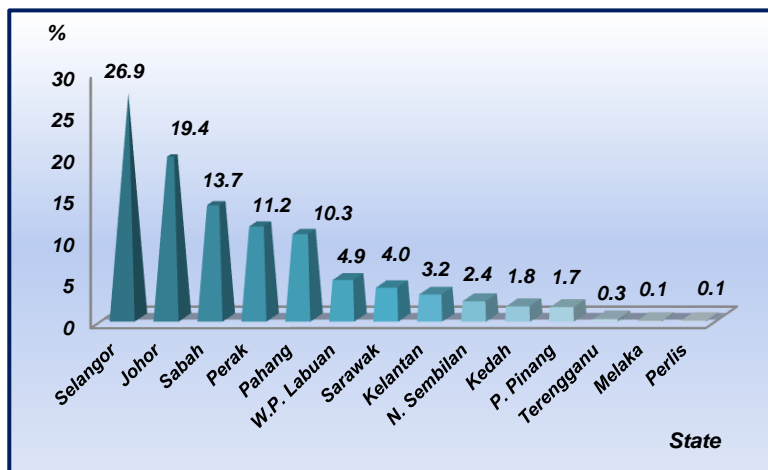




Chart 6.2 Percentage value of fixed assets by state, 2010



Selangor has the highest value of fixed assets at RM243.4 million (26.9%), followed by Johor RM175.6 million (19.4%), Sabah RM123.6 million (13.7%), Perak RM101.0 million (11.2%) and Pahang RM93.2 million (10.3%). Cumulatively, these five states accounted for 81.5 per cent of the value of fixed assets for the fisheries sub-sector (Chart 6.2).

7. WOMEN-OWNED ESTABLISHMENTS

Out of 855 establishments in the fisheries sub-sector, 56 establishments were women-owned. Chart 7.1 shows Selangor as the highest with 10 establishments (17.9%), followed by Johor and Kedah with nine and eight establishments respectively.

The industry in freshwater aquaculture has recorded the highest number of women-owned establishments with 19, followed by marine aquaculture 18, freshwater fishing 10 and marine fishing nine establishments (Chart 7.2).

Chart 7.1 Number of women-owned establishments by state, 2010

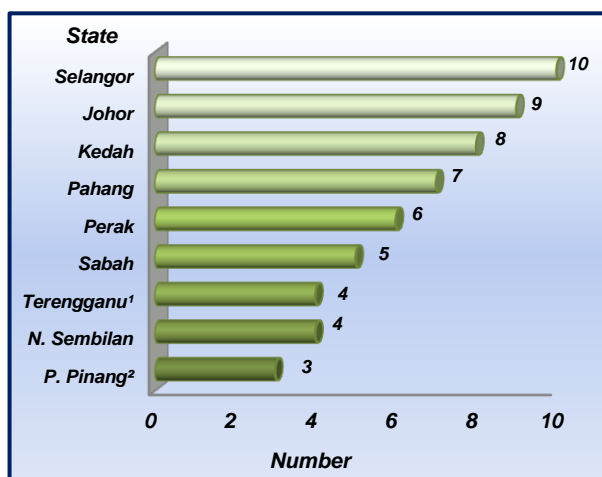
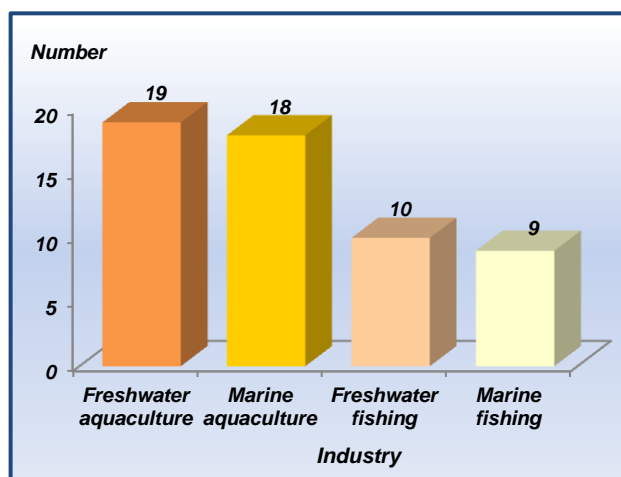


Chart 7.2 Number of women-owned establishments by industry, 2010



Notes: ¹ Include Kelantan
² Include Perlis



BANCI EKONOMI ***ECONOMIC CENSUS***



NOTA TEKNIKAL ***TECHNICAL NOTES***



- 1. Pendahuluan**

Laporan ini memuatkan data berkaitan sektor pertanian secara amnya dan subsektor perikanan 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 perikanan 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 26 industri diliputi dalam subsektor perikanan. Industri ini dikelaskan mengikut Piawaian Klasifikasi Industri Malaysia (MSIC), 2008. Senarai lengkap industri yang diliputi ditunjukkan di Lampiran **(Muka surat 93)**.
- 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 Perikanan Malaysia dan pelbagai persatuan perniagaan dan perdagangan, iklan surat khabar serta laman web. Rangka dikemas kini setiap tahun untuk mengambil kira pertubuhan baru dan sebarang perubahan dalam status pertubuhan seperti tutup, tidak beroperasi, perubahan jenis aktiviti atau alamat pos.

6. Metodologi

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

7. Unit pelapor

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

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

8. Tahun banci

Tahun banci merujuk kepada tahun pelaksanaan banci.

9. Tempoh rujukan

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





10. Jenis aktiviti perniagaan

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

11. Konsep dan definisi

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

12. Takrif pertanian

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

Perikanan merujuk kepada “perikanan tangkapan” iaitu aktiviti pemburuan, pemungutan dan pengumpulan ke arah pemindahan atau pemungutan organisma hidupan akuatik liar (terutamanya ikan, moluska dan krustasia) termasuk tumbuhan daripada lautan, pinggir pantai atau perairan pedalaman untuk kegunaan manusia dan tujuan lain dengan menggunakan tangan atau menggunakan pelbagai jenis alat tangkapan ikan seperti pukat, kail dan perangkap statik.

Akuakultur ialah proses pengeluaran yang melibatkan pengkulturan (termasuk tuaian) organisma akuatik (ikan, moluska, krustasia, tumbuhan) dengan menggunakan teknik yang direka bentuk untuk meningkatkan pengeluaran organisma tersebut melebihi kapasiti persekitaran semulajadinya.

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





- i. **Induk/baka akuakultur** adalah ternakan organisma akuatik yang mengeluarkan hasil berulang kali dan mempunyai jangka hayat lebih dari setahun.
 - a. **Akuakultur matang** merujuk ternakan organisma akuatik yang mencapai umur matang untuk mengeluarkan benih.
 - b. **Akuakultur belum matang** merujuk ternakan organisma akuatik yang belum mencapai umur matang untuk mengeluarkan benih.
- ii. **Perbelanjaan pembangunan stok induk/baka akuakultur belum matang**

Meliputi semua perbelanjaan untuk pembangunan dan pembesaran induk/baka akuakultur belum matang. (Contoh: pembersihan sangkar, vaksin, makanan ternakan ikan, upah dan sebagainya).

13. Taraf sah

Taraf sah sesebuah pertubuhan telah ditakrifkan seperti berikut:

- i. **Hak milik perseorangan**

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

- ii. **Perkongsian**

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

- iii. **Syarikat sendirian berhad**

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





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

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

iv. Syarikat awam berhad

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

v. Koperasi

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

vi. Perbadanan awam

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

vii. Lain-lain

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

14. Hak milik

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





- i. **Residen Malaysia** ialah individu, syarikat atau organisasi lain yang lazimnya terletak di Malaysia untuk jangka masa sekurang-kurangnya satu tahun. Cawangan dan anak syarikat asing yang didaftarkan/diperbadankan di Malaysia adalah dianggap sebagai residen Malaysia.
- ii. **Bukan Residen Malaysia** ialah individu, syarikat atau organisasi lain yang lazimnya terletak di negara selain Malaysia. Cawangan dan anak syarikat milik residen Malaysia di luar negeri juga dianggap sebagai bukan residen Malaysia.
- iii. **Hak Milik Bersama** ialah Residen Malaysia atau Bukan Residen Malaysia memegang jumlah saham yang sama banyak dalam perniagaan berkenaan.

15. Pertubuhan milikan wanita

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

16. Jumlah pekerja

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

i. Pemilik yang bekerja dan rakan niaga yang aktif

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

ii. Pekerja keluarga tidak bergaji

Kategori ini meliputi semua ahli isi rumah kepada pemilik pertubuhan yang melaksanakan kerja tertentu (sepenuh masa atau sambilan) dan bekerja sekurang-kurangnya satu 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), orang yang terlibat dalam mengendalikan trak, vesel dan lain-lain alat jentera.

vi. Pekerja diambil bekerja melalui kontraktor buruh

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

vii. Pekerja di bawah subkontraktor

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

17. Gaji & upah dibayar

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





18. Nilai harta tetap

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

19. Perbelanjaan modal

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

20. Aset pertanian

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

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

21. Nilai output kasar

Nilai output kasar subsektor perikanan meliputi:

- + Stok hasil perikanan (akhir)
- + Barangan dalam proses dan stok barangan siap (pembuatan sendiri) (akhir)
- + Jualan daripada tangkapan ikan marin atau hasil daripada akuakultur
- + Pendapatan daripada kerja perikanan yang dibuat untuk pihak lain
- + Pendapatan daripada hasil perikanan yang diproses
- + Nilai jualan barangan/bahan/produk berkaitan dengan aktiviti perikanan, yang dibeli untuk dijual semula tanpa melalui proses selanjutnya
- + Pendapatan lain yang berkaitan dengan perikanan
- + Pendapatan daripada aktiviti pertanian lain
- + Pendapatan daripada sewa





- + Pendapatan daripada agro pelancongan
- + Nilai jualan barangan/bahan bukan pertanian yang dibeli untuk dijual semula tanpa melalui proses selanjutnya
- + Lain-lain penerimaan
- + Jumlah perbelanjaan pembangunan induk/baka perikanan
- Stok hasil perikanan (awal)
- Barangan dalam proses dan stok barangan siap (Pembuatan sendiri) (awal)
- Kos barangan/bahan/produk berkaitan dengan aktiviti perikanan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya
- Kos barangan/bahan yang dijual (barangan/bahan bukan pertanian) yang dibeli untuk dijual semula tanpa melalui proses selanjutnya

22. Input perantaraan

Input perantaraan subsektor perikanan meliputi:

- + Kos bahan langsung yang digunakan dalam marin/akuakultur
- + Jumlah bayaran ke atas kerja-kerja perikanan yang dibuat oleh pihak lain
- + Kos anak benih ikan bukan baka
- + Perbelanjaan untuk aktiviti pertanian lain
- + Bahan dan bekas pembungkus yang digunakan
- + Bahan yang digunakan bagi pembaikan dan penyelenggaraan
- + Alat tulis dan bekalan pejabat yang digunakan
- + Air yang dibeli
- + Tenaga elektrik yang dibeli
- + Bahan pembakar, pelincir dan gas yang digunakan
- + Bayaran pembaikan dan penyelenggaraan semasa yang dibuat oleh pihak lain bagi harta tetap pertubuhan ini
- + Perbelanjaan penyelidikan dan pembangunan
- + Bayaran terhadap perkhidmatan bukan industri pertanian
- + Perbelanjaan ke atas agro pelancongan
- + Bayaran royalti kepada swasta: pelesenan teknologi
- + Bayaran royalti kepada swasta: lain-lain
- + Bayaran kepada pengarah tidak bekerja kerana kehadiran merekadalam mesyuarat Lembaga Pengarah
- + Input lain





- 23. Nilai ditambah** Nilai ditambah diperoleh daripada perbezaan antara nilai output kasar dengan input perantaraan.
- 24. Pembundaran** Jumlah bagi komponen mungkin berbeza dengan jumlah besar dalam jadual penerbitan disebabkan oleh pembundaran angka.
- 25. Simbol dan huruf ringkas** Simbol dan huruf ringkas berikut digunakan dalam penerbitan ini:

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

- 26. Pengiraan kadar pertumbuhan tahunan** Pengiraan kadar pertumbuhan tahunan (r) adalah berdasarkan formula berikut;

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

Di mana r ,

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

Di mana,

Y_t = Nilai pada tahun semasa

Y_o = Nilai pada tahun sebelum

t = Bilangan tahun, $Y_t - Y_o$

r = Kadar pertumbuhan tahunan





1. Introduction

This report consists of data related to agriculture sector in general and fisheries 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 fisheries sub-sector in particular to assist the government in development planning and policy formulation. Data obtained from the census also provides benchmark information and are used for the compilation of national accounts, input-output tables as well as specific studies. The results are used by policy makers, economists, planners and academicians in economic projections and analysis.

3. Legal authority

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

4. Scope and coverage

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

*Overall coverage of the census for agriculture sector is 136 industries at 5-digit level. There are 26 industries covered in fisheries sub-sector. This industry is classified under the Malaysia Standard Industrial Classification (MSIC), 2008. The complete industry list is shown in Appendix **(Page 93)***

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,





Department of Fisheries Malaysia 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).

Fisheries refers to "capture fishery", i.e. the hunting, collecting and gathering activities directed at removing or collecting live wild aquatic organisms (predominantly fish, molluscs and crustaceans) including plants from the oceanic, coastal or inland waters for human consumption and other purposes by hand or more usually by various types of fishing gear such as nets, lines and stationary traps.

Aquaculture refer to the production process involving the culturing or farming (including harvesting) of aquatic organisms (fish, molluscs, crustaceans, plant) using techniques designed to increase the production of the organisms beyond the natural capacity of the environment.

i. Aquaculture breeders refers aquatic organisms breeder that produce products repeatedly and have a life expectancy of more than one year.

a. Matured aquaculture refers to aquatic organisms breeder that has reached the age for breeding.

b. Immatured aquaculture refers to aquatic organisms breeder that has yet reached the age for breeding.

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





ii. Development expenditure for immature aquaculture breeder

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

13. Legal organisation

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

i. Individual proprietorship

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

ii. Partnership

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

iii. Private limited company

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

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

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





iv. Public limited company

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

v. Co-operative

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

vi. Public corporation

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

vii. Others

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

14. Ownership

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

i. Malaysian resident *is any individual, company or other organization ordinarily domiciled in Malaysia for a period of at least one year. Malaysian registered branches and incorporated subsidiaries of foreign based/origins are also regarded as residents.*

ii. Non-Malaysian resident *is any individual, company or other organization ordinarily domiciled in a country other than Malaysia. Foreign branches and/or subsidiaries abroad owned by residents are also regarded as non-residents.*

iii. Joint-Ownership *is any Malaysian Residents and Non-Malaysian Residents held equal shares in the business.*





15. Women-owned establishments

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

16. Number of persons engaged

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

i. Working proprietors and active business partners

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

ii. Unpaid family workers

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

iii. Full-time employees

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

iv. Part-time employees

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

v. Agricultural labour workers

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





vi. Workers employed through labour contractors

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

vii. Workers under subcontractors

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

17. Salaries & wages paid

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

18. Value of fixed assets

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

19. Capital expenditure

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

20. Agricultural assets

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

Asset of fisheries refers to breeders that produce products repeatedly and have a life expectancy of more than one year.





21. Value of gross output

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

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

22. Intermediate input

Intermediate input of fisheries sub-sector includes:

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





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

23. Value added

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

24. Rounding

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

25. Symbols and notations

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

n.e.c. not elsewhere classified

RM Ringgit Malaysia

> more than

< less than

0.0 less than 0.05

n.a. not applicable

- nil

} combined

26. Calculating annual growth rate

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

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

Where r ,

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

Where,

Y_t = Value at current year

Y_o = Value at previous year

t = Number of years, $Y_t - Y_o$

r = Annual growth rate



BANCI EKONOMI ***ECONOMIC CENSUS***



JADUAL PERTANIAN ***TABLES ON AGRICULTURE***

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

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

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

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

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

Jadual A2: Perangkaan utama sektor pertanian mengikut kumpulan, 2010

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

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

Jadual A2: Perangkaan utama sektor pertanian mengikut kumpulan, 2010 (samb.)

Table A2: Principal statistics of agriculture sector by group, 2010 (cont'd)

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

Nota: ¹ Merujuk kepada kod industri 01610

Notes: Refers to industry code 01610

² Merujuk kepada kod industri 01620

Refers to industry code 01620



Jadual A3: Perangkaan utama sektor pertanian mengikut negeri, 2010

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

Negeri 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	8,829	53,452,092	22,376,145	31,075,947	390,708	4,890,008	40,088,252
Johor	1,316	6,774,598	2,968,210	3,806,388	50,802	673,982	8,624,431
Kedah	663	1,208,786	519,217	689,570	10,573	130,614	1,226,069
Kelantan	411	1,459,435	547,146	912,289	15,768	229,301	883,152
Melaka	309	1,982,779	1,057,113	925,666	7,783	108,559	1,144,376
Negeri Sembilan	549	2,531,134	844,297	1,686,838	16,605	222,293	2,038,677
Pahang	923	6,442,736	2,035,490	4,407,246	35,652	448,627	2,115,674
Perak	1,174	4,248,982	1,808,998	2,439,984	25,959	353,396	2,643,092
Perlis	67	83,937	51,892	32,045	543	5,072	11,249
Pulau Pinang	290	824,065	596,356	227,709	3,746	59,946	430,853
Sabah	1,311	13,210,503	4,301,024	8,909,478	138,396	1,440,110	10,791,012
Sarawak	606	10,945,375	5,980,113	4,965,262	55,967	831,057	4,542,764
Selangor	916	2,493,740	1,209,506	1,284,233	17,277	248,725	4,485,076
Terengganu	281	1,209,549	439,084	770,464	11,400	135,591	1,087,924
W.P. Kuala Lumpur¹	5	7,303	2,842	4,461	58	823	16,895
W.P. Labuan	8	29,169	14,855	14,314	179	1,913	47,009

Nota: ¹ Termasuk W.P. Putrajaya

Note: Includes W.P. Putrajaya

Jadual A4: Perangkaan utama sektor pertanian mengikut taraf sah, 2010

Table A4: Principal statistics of agriculture sector by legal organisation, 2010

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



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

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

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

Jadual A6: Perangkaan utama sektor pertanian mengikut saiz pekerja, 2010

Table A6: Principal statistics of agriculture sector by employment size, 2010

Saiz pekerja <i>Employment size</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>	
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)	
Jumlah <i>Total</i>	8,829	53,452,092	22,376,145	31,075,947	390,708	4,890,008	40,088,252	
Kurang daripada <i>Below</i>	5	3,114	2,027,932	1,150,465	877,468	7,494	53,593	1,420,929
5	9	1,555	1,909,803	1,095,058	814,746	10,232	124,134	1,617,883
10	19	1,172	2,976,806	1,504,789	1,472,017	16,052	230,882	1,779,855
20	29	567	2,276,944	1,045,897	1,231,048	13,758	205,655	2,407,699
30	49	686	4,714,154	2,397,960	2,316,194	26,225	405,068	4,168,806
50	99	700	8,056,459	3,309,871	4,746,587	49,170	741,143	4,097,519
100	199	496	9,609,297	3,743,327	5,865,971	70,903	941,887	6,525,610
200	499	475	16,280,099	5,847,064	10,433,035	144,137	1,617,209	12,787,694
500	999	53	3,423,299	1,293,083	2,130,216	35,184	390,887	3,087,439
1,000	dan lebih 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 tetap <i>Fixed assets size</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>	
(RM '000)		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)	
Jumlah <i>Total</i>	8,829	53,452,092	22,376,145	31,075,947	390,708	4,890,008	40,088,252	
Kurang daripada <i>Below</i>	50	2,478	4,459,212	1,531,167	2,928,045	31,365	397,867	36,042
50 - 99		825	966,925	510,689	456,236	7,119	82,474	60,163
100 - 199		945	1,425,742	663,344	762,398	11,698	146,354	134,595
200 - 499		1,120	2,329,623	1,143,152	1,186,471	20,828	269,593	360,346
500 - 999		761	3,008,356	1,414,709	1,593,646	23,097	298,797	550,715
1,000 - 4,999		1,479	11,660,255	5,188,299	6,471,956	88,333	1,169,830	3,567,982
5,000 - 9,999		513	6,545,692	2,651,695	3,893,997	52,817	595,447	4,093,636
10,000 - 49,999		552	12,726,732	4,469,150	8,257,582	98,221	1,203,733	12,423,343
50,000 - 99,999		102	5,082,106	2,199,911	2,882,195	30,262	386,991	7,112,200
100,000 - 199,999		33	2,816,967	1,120,515	1,696,452	17,968	211,396	4,405,298
200,000 dan lebih <i>and above</i>		21	2,430,483	1,483,514	946,970	9,000	127,527	7,343,932



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

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

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

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

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

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>			
			Jumlah <i>Total</i>	Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i>	Pekerja sepenuh masa <i>Full-time employees</i>	Pekerja sambilan <i>Part-time employees</i>
Jumlah <i>Total</i>		8,829	390,708	5,939	380,621	4,148
Tanaman <i>Crops</i>		6,348	335,096	3,848	328,133	3,115
Penanaman tanaman tidak kekal <i>Growing of non-perennial crops</i>	011	947	8,858	1,296	7,038	524
Penanaman tanaman kekal <i>Growing of perennial crops</i>	012	4,892	319,196	2,118	314,753	2,325
Pembiakan tumbuhan <i>Plant propagation</i>	013	134	1,928	114	1,741	73
Pertanian campuran <i>Mixed farming</i>	015	36	139	39	74	26
Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian¹ <i>Support activities to agriculture and post-harvest crops activities</i>	016	339	4,975	281	4,527	167
Ternakan <i>Livestock</i>		1,089	20,056	1,017	18,702	337
Pengeluaran ternakan <i>Animal production</i>	014	1,084	20,030	1,010	18,683	337
Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak² <i>Support activities for animal production on a fee or contract basis</i>	016	5	26	7	19	0

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>
Perhutanan & pembalakan <i>Forestry & logging</i>		537	24,048	265	23,460	323
Silvikultur dan aktiviti perhutanan lain <i>Silviculture and other forestry activities</i>	021	20	932	10	922	-
Pembalakan <i>Logging</i>	022	401	18,763	201	18,281	281
Perkhidmatan sokongan perhutanan <i>Support service to forestry</i>	024	116	4,353	54	4,257	42
Perikanan <i>Fisheries</i>		855	11,508	809	10,326	373
Perikanan <i>Fisheries</i>	031	306	4,624	344	4,150	130
Akuakultur <i>Aquaculture</i>	032	549	6,884	465	6,176	243

Nota: ¹ Merujuk kepada kod industri 01610

Notes: Refers to industry code 01610

² Merujuk kepada kod industri 01620

Refers to industry code 01620



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

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

Keterangan kumpulan 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)	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(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 Crops		335,096	269,802	65,294	3,237	611	266,565	64,683	3,254,157	603,138
Penanaman tanaman tidak kekal <i>Growing of non-perennial crops</i>	011	8,858	6,996	1,862	1,046	250	5,950	1,612	70,549	18,128
Penanaman tanaman kekal <i>Growing of perennial crops</i>	012	319,196	256,671	62,525	1,799	319	254,872	62,206	3,098,411	574,655
Pembiakan tumbuhan <i>Plant propagation</i>	013	1,928	1,443	485	97	17	1,346	468	17,470	5,442
Pertanian campuran <i>Mixed farming</i>	015	139	128	11	33	6	95	5	972	49
Aktiviti sokongan pertanian dan aktiviti tanaman selepas tuaian¹ <i>Support activities to agriculture and post-harvest crops activities</i>	016	4,975	4,564	411	262	19	4,302	392	66,755	4,865
Ternakan Livestock		20,056	16,361	3,695	906	111	15,455	3,584	257,657	57,434
Pengeluaran ternakan <i>Animal production</i>	014	20,030	16,336	3,694	900	110	15,436	3,584	257,473	57,434
Aktiviti pertanian untuk pengeluaran ternakan berasaskan yuran atau kontrak² <i>Support activities for animal production on a fee of contract basis</i>	016	26	25	1	6	1	19	-	184	-

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

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

Keterangan kumpulan 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>Fisheries</i>		11,508	10,408	1,100	731	78	9,677	1,022	148,349	15,520
Perikanan <i>Fisheries</i>	031	4,624	4,407	217	313	31	4,094	186	61,831	2,685
Akuakultur <i>Aquaculture</i>	032	6,884	6,001	883	418	47	5,583	836	86,518	12,835

Nota: ¹ Merujuk kepada kod industri 01610

Notes: Refers to industry code 01610

² Merujuk kepada kod industri 01620

Refers to industry code 01620

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

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

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



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

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

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

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

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

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

Nota: ¹ Termasuk W.P. Kuala Lumpur

Note: Includes W.P. Kuala Lumpur

BANCI EKONOMI
ECONOMIC CENSUS



JADUAL PERIKANAN
TABLES ON FISHERIES

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

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

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input 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>		855	1,474,109	1,013,933	460,176	11,508	163,869	905,499
Perikanan <i>Fishing</i>	031	306	402,546	268,268	134,278	4,624	64,516	141,437
Perikanan komersil di laut dan perairan pantai <i>Fishing on a commercial basis in ocean and coastal waters</i>	03111	211	335,239	221,182	114,057	3,690	53,750	111,518
Pemungutan krustasia dan moluska laut; Pengumpulan organisma perikanan dan hasil laut lain (tiram semulajadi, span, batu karang dan alga); Perikanan laut t.t.t.l <i>Collection of marine crustaceans and molluscs; Gathering of other marine organisms and materials (natural pearls, sponges, coral and algae); Marine fishing n.e.c</i>	03112 03115 03119	40	47,478	31,654	15,824	658	8,334	19,801
Perikanan komersil di darat <i>Fishing on a commercial basis in inland waters</i>	03121	55	19,829	15,432	4,397	276	2,432	10,118
Akuakultur <i>Aquaculture</i>	032	549	1,071,563	745,665	325,898	6,884	99,353	764,062
Ternakan ikan di laut <i>Fish farming in sea water</i>	03211	137	187,941	114,873	73,068	1,754	22,103	233,520

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

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

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</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 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>	03212	6	711	348	363	15	135	870
Penanaman rumpai merah dan rumpai laut lain yang boleh dimakan <i>Growing of laver and other edible seaweeds</i>	03213	6	7,784	5,079	2,705	160	1,818	3,483
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>	03214	100	496,338	356,150	140,188	2,654	49,180	345,425
Aktiviti akuakultur air payau <i>Aquaculture activities in brackish water</i>	03215	95	223,437	150,650	72,787	1,057	11,830	118,472
Ternakan ikan air tawar <i>Fish farming in freshwater</i>	03221	192	133,449	106,335	27,114	1,160	13,377	55,427
Ternakan udang air tawar <i>Shrimp farming in freshwater</i>	03222	10	18,940	10,554	8,386	63	715	6,702
Penternakan katak <i>Farming of frogs</i>	03225	3	2,963	1,676	1,287	21	195	163

Jadual B2: Perangkaan utama subsektor perikanan mengikut negeri, 2010

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

Negeri <i>State</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Jumlah <i>Total</i>	855	1,474,109	1,013,933	460,176	11,508	163,869	905,499
Johor	143	257,102	185,047	72,055	1,776	29,648	175,551
Kedah	61	74,689	52,692	21,997	511	5,559	16,000
Kelantan	51	112,233	63,009	49,224	1,478	22,134	28,935
Melaka	12	4,035	2,433	1,602	42	449	1,369
Negeri Sembilan	27	48,805	28,508	20,297	181	2,474	22,006
Pahang	57	159,719	111,172	48,547	1,136	16,386	93,235
Perak	224	275,898	204,908	70,990	2,347	36,599	100,977
Perlis	16	27,270	23,407	3,863	113	1,713	1,273
Pulau Pinang	49	59,683	44,445	15,238	409	5,960	15,326
Sabah	46	162,751	98,642	64,109	1,557	15,051	123,639
Sarawak	28	87,087	63,581	23,506	560	7,674	36,444
Selangor	106	178,468	126,913	51,555	1,113	17,728	243,377
Terengganu	32	9,685	5,376	4,309	185	1,249	3,095
W.P Labuan	3	16,684	3,800	12,884	100	1,245	44,272



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

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

Taraf sah <i>Legal organisation</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Jumlah <i>Total</i>	855	1,474,109	1,013,933	460,176	11,508	163,869	905,499
Hak milik perseorangan <i>Individual proprietorship</i>	387	153,685	96,100	57,585	2,048	22,059	50,081
Perkongsian <i>Partnership</i>	153	192,862	142,379	50,483	1,929	23,212	52,800
Syarikat sendirian berhad <i>Private limited company</i>	307	1,118,280	767,632	350,648	7,422	117,416	798,081
Perbadanan awam <i>Public corporation</i>	8	9,282	7,822	1,460	109	1,182	4,537

Jadual B4: Perangkaan utama subsektor perikanan mengikut hak milik, 2010*Table B4: Principal statistics of fisheries 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 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>	855	1,474,109	1,013,933	460,176	11,508	163,869	905,499
Residen Malaysia <i>Malaysian residents</i>	845	1,364,373	923,829	440,544	10,690	150,342	821,993
Bukan Residen Malaysia <i>Non-Malaysian residents</i>	10	109,736	90,104	19,632	818	13,527	83,506



Jadual B5: Perangkaan utama subsektor perikanan mengikut saiz pekerja, 2010

Table B5: Principal statistics of fisheries 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>		855	1,474,109	1,013,933	460,176	11,508	163,869	905,499
Kurang daripada <i>Below</i>								
	5	358	72,385	49,693	22,692	903	5,905	41,684
5	-	9	217	182,123	130,055	52,068	1,403	18,081
10	-	19	132	304,693	231,808	72,885	1,846	26,871
20	-	29	67	197,687	118,526	79,161	1,599	25,112
30	-	49	36	142,020	92,545	49,475	1,324	21,384
50	-	99	33	336,795	218,125	118,670	2,148	33,873
100		dan lebih <i>and above</i>	12	238,406	173,181	65,225	2,285	32,643

Jadual B6: Perangkaan utama subsektor perikanan mengikut saiz output, 2010

Table B6: Principal statistics of fisheries 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>		855	1,474,109	1,013,933	460,176	11,508	163,869	905,499	
Kurang daripada <i>Below</i>	50	132	3,413	1,910	1,503	261	466	7,339	
50	-	99	91	6,820	3,652	3,168	269	1,461	12,335
100	-	199	89	13,150	8,040	5,110	416	3,320	16,848
200	-	499	154	50,622	29,213	21,409	984	10,618	43,747
500	-	999	112	81,678	50,953	30,725	1,088	14,323	212,294
1,000	-	4,999	213	462,047	311,797	150,250	4,437	65,264	181,813
5,000	-	9,999	35	245,454	173,813	71,641	1,469	29,564	61,340
10,000		dan lebih <i>and above</i>	29	610,925	434,555	176,370	2,584	38,853	369,783



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

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

Saiz harta tetap <i>Fixed assets size</i>		Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>	
(RM'000)			(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)	
Jumlah <i>Total</i>		855	1,474,109	1,013,933	460,176	11,508	163,869	905,499	
Kurang daripada <i>Below</i>									
50	-	99	285	100,755	73,604	27,151	1,187	9,730	4,814
100	-	199	123	56,744	38,957	17,787	651	6,979	9,113
200	-	499	105	101,900	74,135	27,765	891	11,207	15,030
500	-	999	132	223,345	181,887	41,458	1,866	25,116	43,425
1,000	-	4,999	84	133,398	82,590	50,808	1,413	21,473	56,680
5,000	-	dan lebih and above	106	518,476	333,364	185,112	3,766	65,733	211,002
			20	339,491	229,396	110,095	1,734	23,631	565,435

Jadual B8: Guna tenaga dan gaji & upah dalam subsektor perikanan mengikut kategori pekerja, 2010
Table B8: Employment and salaries & wages in the fisheries 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 dibayar <i>Salaries & wages paid</i>
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
Jumlah <i>Total</i>	11,508	10,408	1,100	163,869
Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Total working proprietors and unpaid family workers</i>	809	731	78	n.a
Pemilik yang bekerja dan rakan niaga yang aktif <i>Working proprietors and active business partners</i>	662	622	40	na.
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>	147	109	38	na.
Jumlah pekerja bergaji (sepenuh masa) <i>Total paid employees (full-time)</i>	10,326	9,338	988	161,319
Pengurusan, profesional dan eksekutif <i>Managerial, professionals and executives</i>	608	542	66	27,756
Juruteknik dan profesional bersekutu (cth. penyelia, mandur, taikong) <i>Technicians and associate professionals (e.g. supervisor, mandores, taikong)</i>	592	528	64	15,892
Perkeranian (cth. kerani, penyambut tetamu) <i>Clerical occupation (e.g. clerks, receptionist)</i>	535	94	441	8,305
Pekerjaan asas (cth. pemandu, pengawal keselamatan) <i>Elementary occupation (e.g. drivers, security guards)</i>	297	274	23	4,215
Pekerja buruh perikanan diambil secara langsung (cth. awak-awak, pekerja am) <i>Fishery labour workers directly employed (e.g. crews, general workers)</i>	7,443	7,070	373	94,122
Pekerja diambil bekerja melalui kontraktor buruh <i>Workers employed through labour contractors</i>	851	830	21	11,029
Jumlah pekerja bergaji (sambilan) <i>Total paid employees (part-time)</i>	373	339	34	2,550

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

Table B9: Employment of fisheries sub-sector by group and industry, 2010

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod industri <i>Industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>			
			Jumlah <i>Total</i>	Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i>	Pekerja sepenuh masa <i>Full-time employees</i>	Pekerja sambilan <i>Part-time employees</i>
Jumlah <i>Total</i>		855	11,508	809	10,326	373
Perikanan <i>Fishing</i>	031	306	4,624	344	4,150	130
Perikanan komersil di laut dan perairan pantai <i>Fishing on a commercial basis in ocean and coastal waters</i>	03111	211	3,690	240	3,336	114
Pemungutan krustasia dan moluska laut; Pengumpulan organisma perikanan dan hasil laut lain (tiram semulajadi, span, batu karang dan alga); Perikanan laut t.t.t.l <i>Collection of marine crustaceans and molluscs; Gathering of other marine organisms and materials (natural pearls, sponges, coral and algae); Marine fishing n.e.c</i>	03112 } 03115 } 03119 }	40	658	30	617	11
Perikanan komersil di darat <i>Fishing on a commercial basis in inland waters</i>	03121	55	276	74	197	5
Akuakultur <i>Aquaculture</i>	032	549	6,884	465	6,176	243
Ternakan ikan di laut <i>Fish farming in sea water</i>	03211	137	1,754	107	1,606	41

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

Table B9: Employment of fisheries sub-sector by group and industry, 2010 (cont'd)

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod industri <i>Industry code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>			
			Jumlah <i>Total</i>	Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i>	Pekerja sepenuh masa <i>Full-time employees</i>	Pekerja sambilan <i>Part-time employees</i>
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>	03212	6	15	6	9	-
Penanaman rumpai merah dan rumpai laut lain yang boleh dimakan <i>Growing of laver and other edible seaweeds</i>	03213	6	160	1	154	5
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>	03214	100	2,654	63	2,569	22
Aktiviti akuakultur air payau <i>Aquaculture activities in brackish water</i>	03215	95	1,057	61	888	108
Ternakan ikan air tawar <i>Fish farming in freshwater</i>	03221	192	1,160	212	885	63
Ternakan udang air tawar <i>Shrimp farming in freshwater</i>	03222	10	63	8	53	2
Penternakan katak <i>Farming of frogs</i>	03225	3	21	7	12	2



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

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

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod industri <i>Industry code</i>	Jumlah <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak bergaji <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries & wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i> (RM '000)	Perempuan <i>Female</i> (RM '000)
Jumlah <i>Total</i>		11,508	10,408	1,100	731	78	9,677	1,022	148,348	15,521
Perikanan <i>Fishing</i>	031	4,624	4,407	217	313	31	4,094	186	61,830	2,685
Perikanan komersil di laut dan perairan pantai <i>Fishing on a commercial basis in ocean and coastal waters</i>	03111	3,690	3,535	155	228	12	3,307	143	51,617	2,133
Pemungutan krustasia dan moluska laut; Pengumpulan organisma perikanan dan hasil laut lain (tiram semulajadi, span, batu karang dan alga); Perikanan laut t.t.t.l <i>Collection of marine crustaceans and molluscs; Gathering of other marine organisms and materials (natural pearls, sponges, coral and algae); Marine fishing n.e.c</i>	03112 } 03115 } 03119 }	658	631	27	27	3	604	24	8,057	277
Perikanan komersil di darat <i>Fishing on a commercial basis in inland waters</i>	03121	276	241	35	58	16	183	19	2,156	276
Akuakultur <i>Aquaculture</i>	032	6,884	6,001	883	418	47	5,583	836	86,518	12,835
Ternakan ikan di laut <i>Fish farming in sea water</i>	03211	1,754	1,522	232	99	8	1,423	224	19,319	2,784

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

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

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod industri <i>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)		
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>	03212	15	13	2	6	-	7	2	91	44
Penanaman rumpai merah dan rumpai laut lain yang boleh dimakan <i>Growing of laver and other edible seaweeds</i>	03213	160	116	44	1	-	115	44	1,436	382
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>	03214	2,654	2,318	336	61	2	2,257	334	42,524	6,656
Aktiviti akuakultur air payau <i>Aquaculture activities in brackish water</i>	03215	1,057	937	120	51	10	886	110	10,489	1,341
Ternakan ikan air tawar <i>Fish farming in freshwater</i>	03221	1,160	1,018	142	187	25	831	117	11,823	1,554
Ternakan udang air tawar <i>Shrimp farming in freshwater</i>	03222	63	58	5	6	2	52	3	674	41
Penternakan katak <i>Farming of frogs</i>	03225	21	19	2	7	-	12	2	162	33





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

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

Jenis harta <i>Type of assets</i>	Nilai buku seperti pada 01.01.2010 <i>Net book value as at 01.01.2010</i>	Perbelanjaan modal <i>Capital expenditure</i>	Harta yang dijual atau ditamatkan penggunaannya <i>Assets sold or discarded</i>	Keuntungan/Kerugian daripada jualan/penilaian semula harta <i>Gain/loss from sales/ revaluation of assets</i>	Susut nilai semasa <i>Current depreciation</i>	Nilai buku bersih seperti pada 31.12.2010 <i>Net book value as at at 31.12.2010</i>
	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
Jumlah <i>Total</i>	973,578	69,266	70,942	4,149	70,553	905,499
Harta tetap/Fixed assets	927,632	54,876	58,927	4,542	67,994	860,131
Tanah/Land	316,900	7,771	4,067	2,873	1,747	321,730
Bangunan dan binaan lain/ Buildings and other construction						
Tempat kediaman/Residential	25,865	2,412	289	(25)	1,771	26,191
Bukan tempat kediaman (cth. stor, pejabat, dll.) Non-residential (e.g. stores, office, etc.)	56,696	5,832	219	181	4,078	58,412
Binaan lain kecuali pembangunan tanah Other construction except land improvement	233,675	3,596	38,822	(10)	11,119	187,320
Pembangunan tanah/Land improvement	15,447	1,772	8,060	-	1,527	7,633
Alat pengangkutan/Transport equipment						
Kereta penumpang/Passenger cars	3,695	1,376	37	(6)	1,041	3,988
Kenderaan perdagangan (cth. lori, van, pikap dll.) Commercial vehicles (e.g. lorries, vans, pick-ups, etc.)	29,185	5,586	3,215	733	6,087	26,203
Lain-lain/Others	93,844	5,591	40	3	13,014	86,385
Komputer/Computer						
Perkakasan komputer/Computer hardware	3,170	241	137	-	566	2,707
Perisian komputer/Computer software	671	465	-	-	198	487
Jentera dan kelengkapan/Machinery and equipment	136,991	18,593	3,786	851	24,914	128,172
Perabot dan pemasangan/Furniture and fittings	11,493	1,641	255	(58)	1,932	10,903
Harta lain/Other assets	45,946	14,390	12,015	(393)	2,559	45,368
Muhibah, paten dll. Goodwill, patent etc.	462	57	-	40	95	464
Kerja modal sedang dijalankan Work-in-progress	19,330	13,614	1,973	(432)	28	30,511
Lain-lain/Others	26,154	719	10,042	(0)	2,436	14,393

Jadual B12 : Perangkaan utama pertumbuhan milikan wanita bagi subsektor perikanan mengikut kumpulan dan industri, 2010

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

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertumbuhan <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		56	42,524	30,795	11,729	561	6,070	189,997
Perikanan <i>Fishing</i>	031	19	9,710	7,117	2,593	203	2,138	5,161
Perikanan komersil di laut dan perairan pantai; Pemungutan krustasia dan moluska laut; Pengumpulan organisma perikanan dan hasil laut lain (tiram semulajadi, span, batu karang dan alga) <i>Fishing on a commercial basis in ocean and coastal waters Collection of marine crustaceans and molluscs; Gathering of other marine organisms and materials (natural pearls, sponges, coral coral and algae)</i>	03111 } 03112 } 03115 }	9	8,380	6,093	2,286	172	1,982	4,379
Perikanan komersil di darat <i>Fishing on a commercial basis in inland waters</i>	03121	10	1,330	1,024	307	31	156	782
Akuakultur <i>Aquaculture</i>	032	37	32,814	23,678	9,136	358	3,932	184,836
Ternakan ikan di laut <i>Fish farming in sea water</i>	03211	5	1,597	990	607	49	470	406

Jadual B12 : Perangkaan utama pertumbuhan milikan wanita bagi subsektor perikanan mengikut kumpulan dan industri, 2010 (samb.)

Table B12 : Principal statistics of women-owned establishment of fisheries sub-sector by group and industry, 2010 (cont'd)

Keterangan kumpulan & industri <i>Group & industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertumbuhan <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)
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>	03214	4	16,445	12,075	4,370	96	1,484	180,446
Aktiviti akuakultur air payau <i>Aquaculture activities in brackish water</i>	03215	9	9,846	7,263	2,583	144	1,453	2,441
Ternakan ikan air tawar <i>Fish farming in freshwater</i>	03221	16	4,142	2,814	1,328	58	399	1,284
Ternakan udang air tawar <i>Shrimp farming in freshwater</i>	03222	3	784	536	248	11	126	259

Jadual B13 : Perangkaan utama pertubuhan milikan wanita subsektor perikanan mengikut negeri, 2010

Table B13 : Principal statistics of women-owned establishment of fisheries sub-sector by state, 2010

Negeri <i>State</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Nilai input perantaraan <i>Value of intermediate input</i>	Nilai ditambah <i>Value added</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries & wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
		(RM'000)	(RM'000)	(RM'000)		(RM'000)	(RM'000)
Jumlah <i>Total</i>	56	42,524	30,795	11,729	561	6,070	189,997
Johor	9	8,975	6,928	2,048	161	1,904	2,772
Kedah	8	18,874	13,645	5,229	157	2,051	3,796
Negeri Sembilan	4	1,828	1,379	449	21	229	369
Pahang	7	602	214	387	16	38	584
Perak	6	1,545	778	767	36	430	670
Pulau Pinang¹	3	507	259	248	12	162	98
Sabah	5	2,975	1,913	1,062	76	613	3,920
Selangor	10	4,670	3,664	1,006	69	541	177,492
Terengganu²	4	2,548	2,015	533	13	102	296

Nota : ¹ Termasuk Perlis

Notes : Include Perlis

² Termasuk Kelantan

Include Kelantan

BANCI EKONOMI ***ECONOMIC CENSUS***



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

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



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





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





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





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





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





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





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





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





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





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



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