



**MALAYSIA**

# **BANCI EKONOMI** 2016 *ECONOMIC CENSUS*

## **PEMBUATAN** *MANUFACTURING*

**PERTANIAN**  
*AGRICULTURE*



**PEMBUATAN**  
*MANUFACTURING*



**PERKHIDMATAN**  
*SERVICES*



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

Jabatan Perangkaan  
MALAYSIA





**MALAYSIA**

**BANCI EKONOMI**  
*ECONOMIC CENSUS*

**2016**

**PEMBUATAN**  
*MANUFACTURING*

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

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Pengguna yang mengeluarkan sebarang maklumat dari terbitan ini sama ada yang asal atau diolah semula hendaklah meletakkan kenyataan berikut:

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Penerbitan ini memaparkan perangkaan bagi sektor pembuatan diperoleh daripada Banci Ekonomi 2016 bagi tahun rujukan 2015. Sektor pembuatan meliputi semua industri dalam Seksyen C yang dikelaskan di bawah Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver. 1.0, selaras dengan Piawaian Klasifikasi Industri Antarabangsa bagi Semua Aktiviti Ekonomi (ISIC), Semakan Ke-4, 2008. Kali terakhir banci ini dijalankan adalah pada tahun 2011 bagi tahun rujukan 2010.

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

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

Jabatan merakamkan setinggi-tinggi penghargaan kepada semua pihak yang terlibat secara langsung dan tidak langsung dalam merealisasikan penerbitan Banci Ekonomi 2016 ini. Setiap maklum balas dan cadangan untuk penambahbaikan laporan ini pada masa akan datang amat dihargai.

**DR. MOHD UZIR BIN MAHIDIN**

Ketua Perangkawan Malaysia

**Julai 2017**

*This publication presents statistics on manufacturing sector obtained from the Economic Census 2016 for reference year 2015. These manufacturing sector include all industries in Section C classified under the Standard Industrial Classification (MSIC) 2008 Ver. 1.0, in accordance with the International Standard Industrial Classification of All Economic Activities (ISIC), Revision 4, 2008. The last census was conducted in 2011 for reference year 2010.*

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

*This publication is divided into three parts. The first part displays the findings for the entire manufacturing sector. Technical aspects such as scope and coverage, concepts and definitions as well as the key variables used are describes in the second part to assist users to understand the published statistics. Meanwhile, the third part provides the detailed statistical tables.*

*Department expressed gratitude to those who have contributed directly and indirectly to this Economic Census 2016 reports. Every feedback and suggestion towards improving future reports is highly appreciated.*

**DR. MOHD UZIR BIN MAHIDIN**

*Chief Statistician Malaysia*

**July 2017**

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# BAHAGIAN *PART*

# 1

**PEMBUATAN**  
*MANUFACTURING*



**PENEMUAN UTAMA**

***MAIN FINDINGS***

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# BANCI EKONOMI 2016



## PENEMUAN UTAMA SEKTOR PEMBUATAN

# 2015

BILANGAN	OUTPUT KASAR	INPUT PERANTARAAN	NILAI DITAMBAH	BILANGAN PEKERJA	GAJI & UPAH	NILAI HARTA TETAP
49,101 pertubuhan	RM1,142.0 bilion	RM 884.8 bilion	RM 257.1 bilion	2,119,158 orang	RM 65.5 bilion	RM 296.8 bilion
KADAR PERTUMBUHAN TAHUNAN DIKOMPAN (2010-2015)						
4.4%	6.4%	5.9%	8.5%	3.2%	8.4%	7.1%
39,669 pertubuhan	RM 836.5 bilion	RM 665.8 bilion	RM 170.7 bilion	1,812,360 orang	RM 43.7 bilion	RM 210.4 bilion

# 2010



# ECONOMIC CENSUS 2016



## MAIN FINDINGS OF MANUFACTURING SECTOR

# 2015

NUMBER	GROSS OUTPUT	INTERMEDIATE INPUT	VALUE ADDED	NUMBER OF EMPLOYEES	SALARIES AND WAGES	VALUE OF FIXED ASSETS
49,101 establishments	RM1,142.0 billion	RM 884.8 billion	RM 257.1 billion	2,119,158 persons	RM 65.5 billion	RM 296.8 billion

### COMPOUND ANNUAL GROWTH RATE (2010-2015)

4.4%	6.4%	5.9%	8.5%	3.2%	8.4%	7.1%
39,669 establishments	RM 836.5 billion	RM 665.8 billion	RM 170.7 billion	1,812,360 persons	RM 43.7 billion	RM 210.4 billion

# 2010



**PEMBUATAN**  
*MANUFACTURING*



**RINGKASAN PENEMUAN**

***SUMMARY OF FINDINGS***








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## 1. PENGENALAN

Laporan ini memaparkan perangkaan sektor pembuatan yang diperoleh daripada Banci Ekonomi 2016 bagi tahun rujukan 2015. Statistik utama seperti nilai output kasar, nilai input perantaraan, nilai ditambah, bilangan pekerja, gaji & upah yang dibayar dan nilai harta tetap yang dimiliki turut dipaparkan dalam laporan ini. Sebanyak 251 industri telah diliputi pada Banci Ekonomi 2016 berbanding 246 industri pada tahun 2010.

## 2. PRESTASI SEKTOR PEMBUATAN

### Paparan 1: Perangkaan utama sektor pembuatan, 2010 dan 2015

2015	49,101 pertubuhan	RM 1,142.0 bilion	RM 884.8 bilion	RM 257.1 bilion	2,119,158 orang	RM 65.5 bilion	RM 296.8 bilion
							
	BILANGAN PERTUBUHAN	OUTPUT KASAR	INPUT PERANTARAAN	NILAI DITAMBAH	BILANGAN PEKERJA	GAJI DAN UPAH	NILAI HARTA TETAP
KADAR PERTUMBUHAN TAHUNAN DIKOMPAN	4.4%	6.4%	5.9%	8.5%	3.2%	8.4%	7.1%
2010	39,669 pertubuhan	RM 836.5 bilion	RM 665.8 bilion	RM 170.7 bilion	1,812,360 orang	RM 43.7 bilion	RM 210.4 bilion

Sektor pembuatan mencatatkan nilai output kasar sebanyak RM1,142.0 bilion pada tahun 2015 berbanding RM836.5 bilion pada tahun 2010 dengan kadar pertumbuhan tahunan dikompaun (CAGR) sebanyak 6.4 peratus setahun. Nilai output kasar mencecah RM1.1 trilion ini adalah pertama kali dicapai sepanjang Banci Ekonomi dijalankan. Selaras dengan pertumbuhan pesat nilai output kasar, nilai input perantaraan turut meningkat sebanyak RM219.0 bilion untuk mencatatkan RM884.8 bilion dengan purata pertumbuhan tahunan 5.9 peratus, menghasilkan nilai ditambah sebanyak RM257.1 bilion pada tahun 2015. Dalam tempoh yang sama, bilangan pertubuhan mencatatkan peningkatan sebanyak 9,432 dengan CAGR 4.4 peratus. Bilangan pekerja di sektor ini juga melaporkan peningkatan sebanyak 3.2 peratus dalam CAGR kepada 2,119,158 orang berbanding 1,812,360 orang pada tahun 2010. Sementara itu, jumlah gaji dan upah yang dibayar pada tahun 2015 adalah RM65.5 bilion berbanding RM43.7 bilion pada tahun 2010 seperti yang ditunjukkan dalam Paparan 1.

## 3. BILANGAN PERTUBUHAN MENGIKUT SUBSEKTOR PEMBUATAN

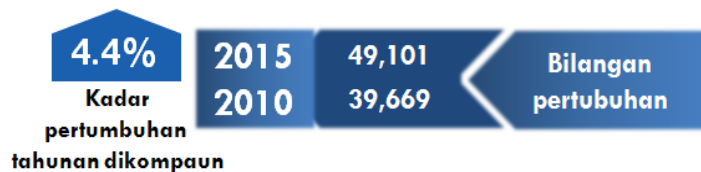
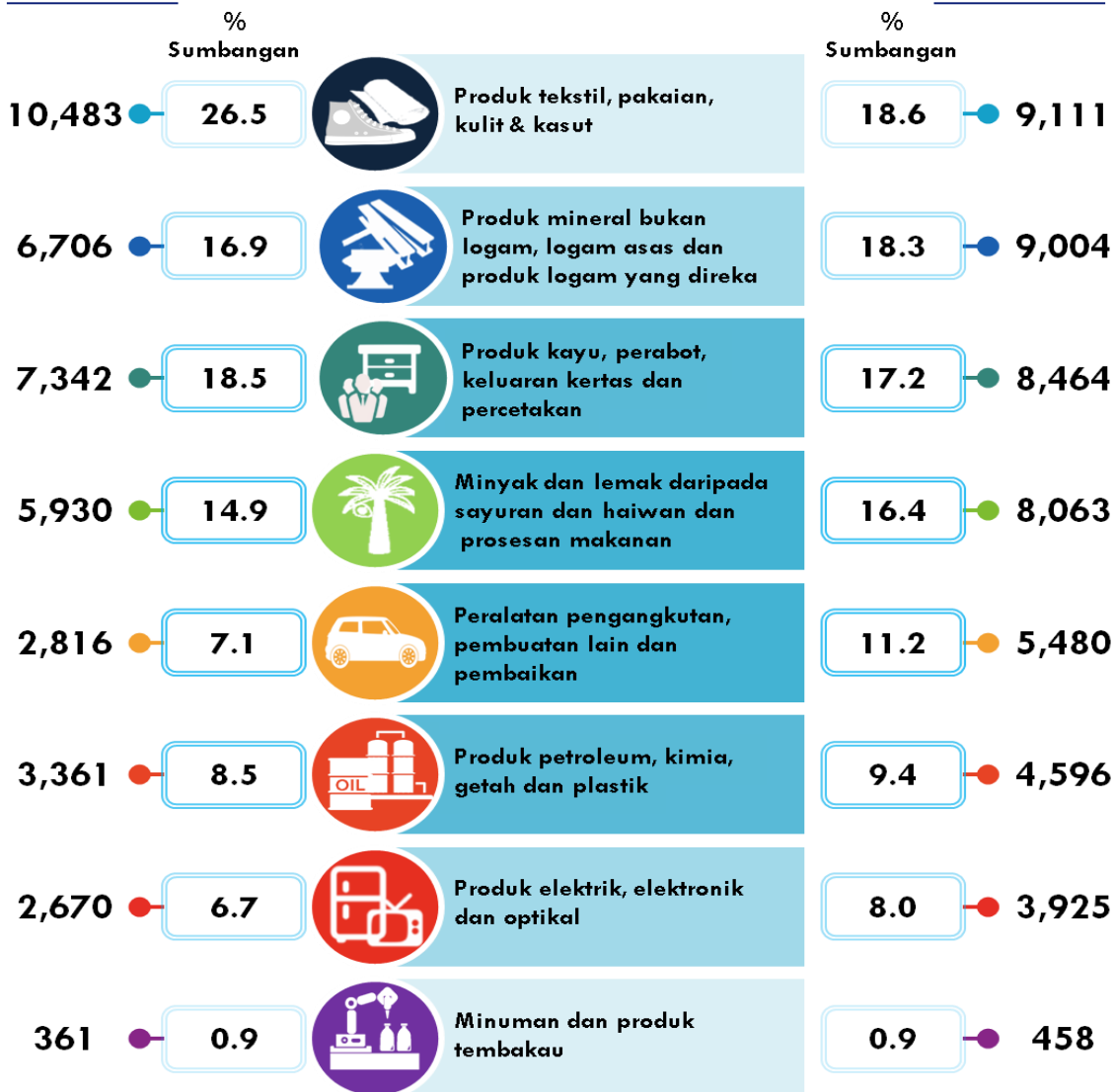
Banci Ekonomi 2016 menunjukkan sebanyak 49,101 pertubuhan beroperasi dalam sektor pembuatan pada tahun 2015 berbanding 39,669 pertubuhan tahun 2010 (CAGR: 4.4%). Subsektor Produk tekstil, pakaian dan kulit masih kekal sebagai penyumbang terbesar bilangan pertubuhan dengan sumbangan 18.6 peratus (2010: 26.5%), diikuti subsektor Produk mineral bukan logam, logam asas dan produk logam yang direka 18.3 peratus (2010: 16.9%) dan subsektor Produk kayu, perabot, keluaran kertas dan percetakan 17.2 peratus (2010: 18.5%) seperti yang ditunjukkan dalam Paparan 2. Ketiga-tiga subsektor ini secara kolektif menyumbang 54.1 peratus pertubuhan dalam sektor pembuatan.

# RINGKASAN PENEMUAN

## Paparan 2: Bilangan pertubuhan mengikut subsektor pembuatan, 2010 dan 2015

### 2010

### 2015




















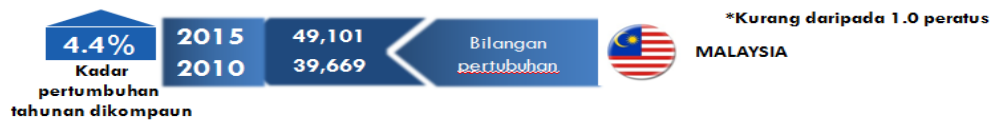
# RINGKASAN PENEMUAN

## 3.1 BILANGAN PERTUBUHAN SEKTOR PEMBUATAN MENGIKUT NEGERI

Selangor masih kekal sebagai penyumbang utama kepada bilangan pertubuhan pada tahun 2015 dengan jumlah 10,027 pertubuhan atau 20.4 peratus. Tiga negeri lain yang menyumbang pertubuhan tertinggi ialah Johor 8,046 pertubuhan (16.4%), W.P. Kuala Lumpur 5,231 pertubuhan (10.7%) dan Perak 4,383 pertubuhan (8.9%). Empat negeri ini secara kumulatifnya menyumbang 56.4 peratus kepada jumlah pertubuhan keseluruhan sektor pembuatan. Bilangan pertubuhan bagi negeri-negeri lain adalah seperti ditunjukkan dalam Paparan 3.

Paparan 3: Bilangan pertubuhan sektor pembuatan mengikut negeri, 2010 dan 2015

	2010		2015			2010		2015	
	Bilangan pertubuhan	% Sumbangan	Bilangan pertubuhan	% Sumbangan		Bilangan pertubuhan	% Sumbangan	Bilangan pertubuhan	% Sumbangan
 SELANGOR	8,940	22.5	10,027	20.4	 N.SEMBILAN	1,577	4.0	1,891	3.9
 JOHOR	5,181	13.1	8,046	16.4	 KELANTAN	1,822	4.6	1,834	3.8
 W.P. K.LUMPUR	4,233	10.7	5,231	10.7	 SABAH	1,443	3.6	1,789	3.7
 PERAK	3,932	9.9	4,383	8.9	 PAHANG	1,344	3.4	1,784	3.6
 P.PINANG	2,838	7.2	4,191	8.5	 MELAKA	1,175	3.0	1,539	3.1
 KEDAH	2,901	7.3	3,281	6.7	 PERLIS	294	0.7*	373	0.8*
 SARAWAK	2,060	5.2	2,573	5.2	 W.P. LABUAN	113	0.3*	120	0.2*
 TERENGGANU	1,803	4.5	2,023	4.1	 W.P. PUTRAJAYA	13	0.0*	16	0.0*

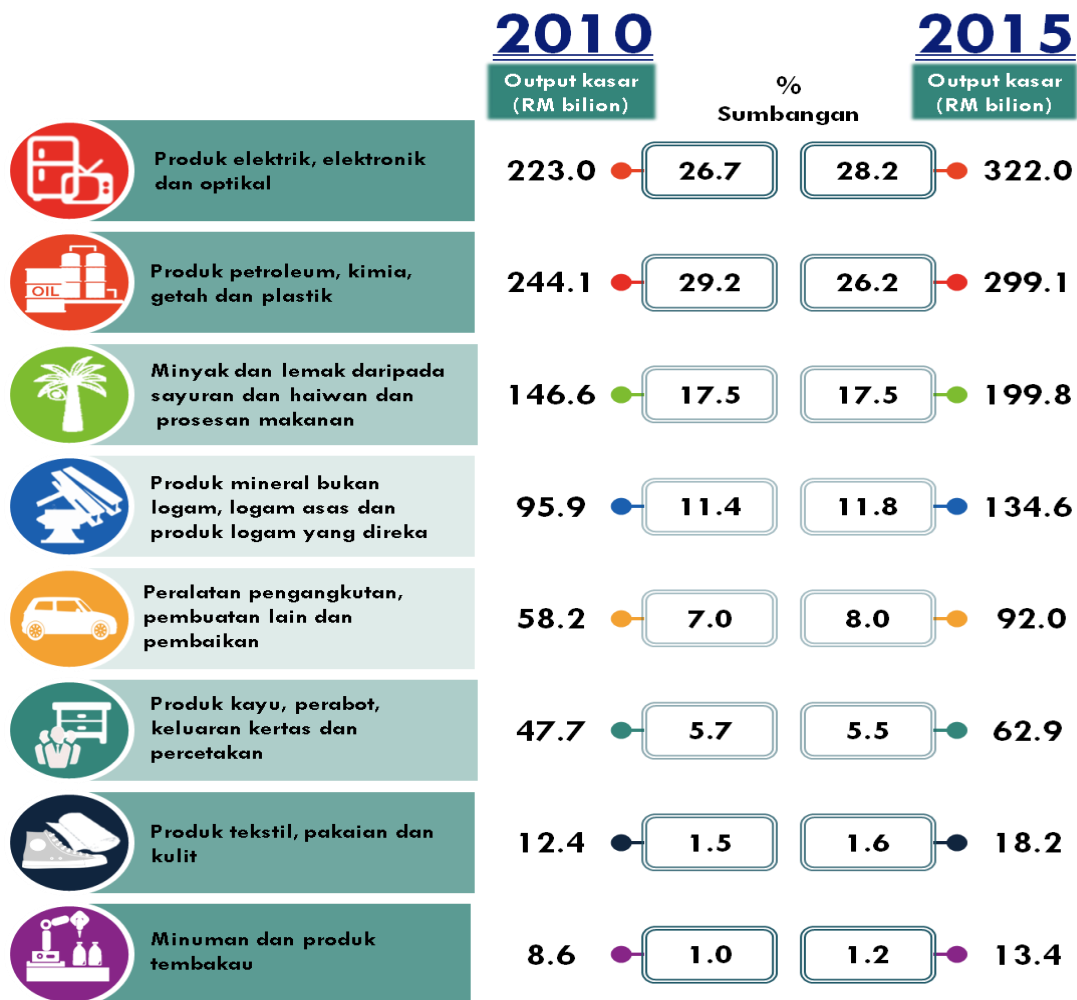


## 4. NILAI OUTPUT KASAR MENGIKUT SUBSEKTOR PEMBUATAN

Dalam tempoh 2010 hingga 2015, nilai output kasar sektor pembuatan meningkat sebanyak 6.4 peratus setahun. Subsektor produk elektrik, elektronik dan optikal merupakan penyumbang terbesar dengan nilai output kasar sebanyak RM322.0 bilion (28.2%) pada Banci Ekonomi 2016. Penyumbang kedua terbesar adalah subsektor produk petroleum, kimia, getah dan plastik sebanyak RM299.1 bilion (26.2%) diikuti subsektor minyak dan lemak daripada sayuran dan haiwan dan prosesan makanan sebanyak RM199.8 bilion (17.5%) seperti yang ditunjukkan dalam Paparan 4. Sumbangan ketiga-tiga subsektor ini merekodkan 71.9 peratus kepada nilai output kasar sektor pembuatan.

Subsektor lain yang turut menyumbang ialah produk mineral bukan logam, logam asas dan produk logam yang direka serta subsektor peralatan pengangkutan, pembuatan lain dan pembaikan masing-masing merekodkan nilai output kasar sebanyak RM134.6 bilion (11.8%) dan RM92.0 bilion (8.0%).

Paparan 4: Nilai output kasar mengikut subsektor pembuatan, 2010 dan 2015





















**6.4%** Kadar pertumbuhan tahunan dikompaun  
**2015** RM1,142.0  
**2010** RM836.5  
 Jumlah output kasar (RM bilion)

# RINGKASAN PENEMUAN

## 4.1 PRESTASI OUTPUT KASAR MENGIKUT NEGERI

Negeri Selangor masih kekal sebagai penyumbang utama nilai output kasar bagi sektor pembuatan pada tahun 2015 dengan nilai RM308.0 bilion iaitu 27.0 peratus sumbangan berbanding RM229.5 bilion pada tahun 2010. Ini diikuti oleh Johor dan Pulau Pinang dengan nilai output kasar masing-masing sebanyak RM171.1 bilion (15.0%) dan RM155.7 bilion (13.6%). Nilai sumbangan ketiga-tiga negeri ini adalah RM 634.8 bilion (55.6%). Manakala sumbangan bagi negeri-negeri lain adalah seperti ditunjukkan dalam Paparan 5.

Paparan 5: Nilai output kasar sektor pembuatan mengikut negeri, 2010 dan 2015

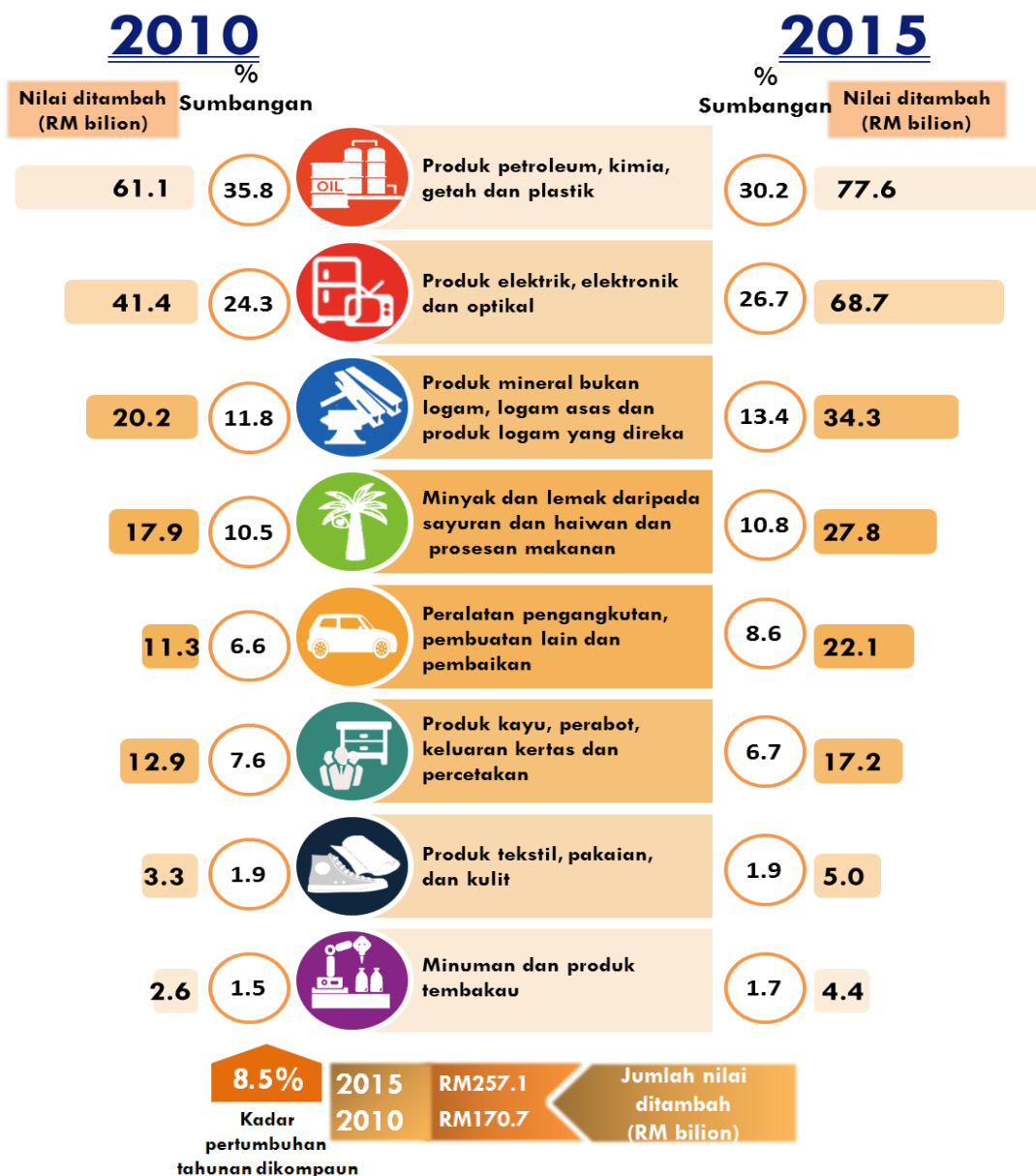
	2010		2015			2010		2015	
	Output kasar (RM bilion)	% Sumbangan	Output kasar (RM bilion)	% Sumbangan		Output kasar (RM bilion)	% Sumbangan	Output kasar (RM bilion)	% Sumbangan
 SELANGOR	229.5	27.4	308.0	27.0	 PAHANG	29.2	3.5	42.9	3.8
 JOHOR	131.5	15.7	171.1	15.0	 SABAH	34.1	4.1	41.8	3.7
 P. PINANG	106.5	12.7	155.7	13.6	 TERENGGANU	31.3	3.7	38.1	3.3
 SARAWAK	73.5	8.8	102.6	9.0	 W.P. K. LUMPUR	21.3	2.6	22.8	2.0
 MELAKA	67.2	8.0	79.3	6.9	 KELANTAN	3.8	0.5	4.3	0.4
 N. SEMBILAN	42.6	5.1	67.9	5.9	 PERLIS	1.3	0.2	2.5	0.2
 KEDAH	31.8	3.8	56.9	5.0	 W.P. LABUAN	2.4	0.3	2.4	0.2
 PERAK	30.5	3.6	45.7	4.0	 W.P. PUTRAJAYA	0.0*	0.0	0.0*	0.0



## 5. NILAI DITAMBAH SUBSEKTOR PEMBUATAN

Nilai ditambah sektor pembuatan pada tahun 2015 yang dicatatkan adalah sebanyak RM257.1 bilion dengan kadar pertumbuhan purata tahunan sebanyak 8.5 peratus setahun dalam tempoh lima tahun. Paparan 6 menunjukkan subsektor produk petroleum, kimia, getah dan plastik merekodkan nilai ditambah tertinggi pada tahun 2015 sebanyak RM77.6 bilion (2010: RM61.1 bilion). Ini diikuti subsektor produk peralatan elektrik, elektronik dan optikal sebanyak RM68.7 bilion (2010: RM41.4 bilion) dan subsektor produk mineral bukan logam, logam asas dan produk logam yang direka sebanyak RM34.3 bilion (2010: RM20.2 bilion). Secara perbandingan, subsektor produk peralatan elektrik, elektronik dan optikal mencatatkan peningkatan nilai ditambah paling tinggi sebanyak RM27.3 bilion bagi tempoh 2010 hingga 2015.

Paparan 6: Nilai ditambah mengikut subsektor pembuatan, 2010 dan 2015




















# RINGKASAN PENEMUAN

## 5.1 NILAI DITAMBAH SEKTOR PEMBUATAN MENGIKUT NEGERI

Prestasi nilai ditambah mengikut negeri pada tahun 2015 menunjukkan tiga negeri iaitu Selangor, Pulau Pinang dan Johor sebagai penyumbang utama nilai ditambah sektor pembuatan. Negeri Selangor mencatatkan nilai ditambah tertinggi iaitu RM74.4 billion dengan sumbangan sebanyak 28.9 peratus, diikuti Pulau Pinang sebanyak RM34.3 bilion (13.3%) dan Johor sebanyak RM33.7 bilion (13.1%). Sumbangan nilai ditambah bagi ketiga-tiga negeri ini kepada sektor pembuatan secara kolektif ialah RM142.4 bilion (55.3%). Manakala sumbangan nilai ditambah bagi negeri-negeri lain adalah seperti ditunjukkan dalam Paparan 7.

### Paparan 7: Nilai ditambah sektor pembuatan mengikut negeri, 2010 dan 2015

	2010		2015		RM	2010		2015		
	Nilai ditambah (RM bilion)	% Sumbangan	Nilai ditambah (RM bilion)	% Sumbangan		Nilai ditambah (RM bilion)	% Sumbangan	Nilai ditambah (RM bilion)	% Sumbangan	
 SELANGOR	48.0	28.1	74.4	28.9		 PERAK	6.3	3.7	10.1	3.9
 P.PINANG	18.7	11.0	34.3	13.3		 PAHANG	5.8	3.4	8.0	3.2
 JOHOR	21.0	12.3	33.7	13.1		 W.P. KUALA LUMPUR	4.8	2.8	6.8	2.6
 SARAWAK	29.0	17.0	33.5	13.0		 SABAH	4.6	2.7	6.4	2.5
 TERENGGANU	8.6	5.0	12.2	4.8		 W.P. LABUAN	0.9	0.5	1.0	0.4
 MELAKA	8.5	4.9	11.9	4.6		 KELANTAN	0.8	0.5	0.9	0.4
 KEDAH	7.6	4.4	11.7	4.5		 PERLIS	0.3	0.2	0.7	0.3
 N.SEMBIKAN	5.8	3.5	11.5	4.5		 W.P. PUTRAJAYA	0.0*	0.0	0.0*	0.0

\*Kurang daripada 0.05 bilion

**8.5%**  
Kadar pertumbuhan tahunan dikompaun

**2015** RM257.1  
**2010** RM170.7

Jumlah nilai ditambah (RM bilion)











MALAYSIA

## 6. BILANGAN PEKERJA MENGIKUT SUBSEKTOR PEMBUATAN

Subsektor produk peralatan elektrik, elektronik dan optikal merekodkan bilangan pekerja tertinggi iaitu 528,913 orang atau 25.0 peratus (2010: 27.1%). Penyumbang kedua tertinggi adalah subsektor produk petroleum, kimia, getah dan plastik dengan 376,084 orang atau 17.8 peratus (2010: 16.4%) diikuti produk mineral bukan logam, logam asas dan produk logam yang direka 331,643 orang atau 15.6 peratus (2010: 14.2%) seperti yang ditunjukkan dalam Paparan 8. Tiga subsektor ini menyumbang lebih separuh (58.4%) kepada jumlah bilangan pekerja dalam sektor pembuatan pada tahun 2015.

Paparan 8: Bilangan pekerja mengikut subsektor pembuatan, 2010 dan 2015




	2010		2015		Kadar pertumbuhan tahunan dikompaun (%)
	Pekerja (orang)	% Sumbangan	Pekerja (orang)	% Sumbangan	
 Produk elektrik, elektronik dan optikal	491,237	27.1	528,913	25.0	1.5
 Produk petroleum, kimia, getah dan plastik	296,375	16.4	376,084	17.8	4.9
 Produk mineral bukan logam, logam asas dan Produk logam yang direka	256,564	14.2	331,643	15.6	5.3
 Produk kayu, perabot, keluaran kertas dan percetakan	302,956	16.7	298,437	14.1	(0.3)
 Minyak dan lemak daripada sayuran dan haiwan dan prosesan makanan	196,084	10.8	256,908	12.1	5.6
 Peralatan pengangkutan, pembuatan lain dan pembaikan	150,421	8.3	207,959	9.8	6.7
 Produk tekstil, pakaian dan kulit	104,148	5.7	102,243	4.8	(0.4)
 Minuman dan produk tembakau	14,575	0.8	16,971	0.8	3.1
<b>Bilangan pekerja</b>	<b>1,812,360</b>	<b>100</b>	<b>2,119,158</b>	<b>100</b>	<b>3.2</b>

# RINGKASAN PENEMUAN

## 6.1 SAIZ PEKERJA

Pertubuhan yang mempunyai 5 hingga 74 pekerja mencatatkan bilangan tertinggi dengan 25,921 pertubuhan atau 52.8 peratus (2010: 44.7%). Walaupun komposisi bilangan pertubuhan dengan saiz pekerja di antara 5 hingga 74 pekerja adalah yang terbesar, sumbangan kepada nilai output kasar dan bilangan pekerja masing-masing hanya 11.6 peratus dan 22.7 peratus pada tahun 2015 seperti yang ditunjukkan dalam Paparan 9. Sebaliknya, pertubuhan yang mempunyai lebih daripada 200 pekerja menyumbang 57.9 peratus kepada jumlah bilangan pekerja dan 70.0 peratus kepada nilai output kasar.

Paparan 9: Saiz pekerja sektor pembuatan, 2010 dan 2015

	 Pertubuhan		 Output Kasar		 Pekerja		
	Bilangan	% Sumbangan	RM bilion	% Sumbangan	Bilangan	% Sumbangan	
<b>2015</b>	Kurang daripada 5 pekerja	18,197	37.0	4.7	0.4	44,533	2.1
	5 pekerja - 74 pekerja	25,921	52.8	132.7	11.6	480,963	22.7
	75 pekerja - 200 pekerja	3,083	6.3	205.1	18.0	367,392	17.3
	201 pekerja dan lebih	1,900	3.9	799.5	70.0	1,226,270	57.9
	Jumlah	49,101	100.0	1,142.0	100.0	2,119,158	100.0
<b>2010</b>	Kurang daripada 5 pekerja	17,583	44.4	3.0	0.4	41,708	2.3
	5 pekerja - 74 pekerja	17,738	44.7	81.8	9.8	335,643	18.5
	75 pekerja - 200 pekerja	2,670	6.7	155.7	18.6	319,375	17.6
	201 pekerja dan lebih	1,678	4.2	596.0	71.2	1,115,634	61.6
	Jumlah	39,669	100.0	836.5	100.0	1,812,360	100.0




Kadar pertumbuhan tahunan dikompaun (%)	Kurang daripada 5 pekerja	0.7	10.2	1.3
	5 pekerja - 74 pekerja	7.9	10.1	7.5
	75 pekerja - 200 pekerja	2.9	5.7	2.8
	201 pekerja dan lebih	2.5	6.1	1.9
	Jumlah	4.4	6.4	3.2

## 6.2 KELULUSAN PEKERJA

Bilangan pekerja dengan kelulusan SPM/SPM(V) atau yang setaraf dan ke bawah adalah seramai 1,705,177 orang dengan sumbangan 80.5 peratus dalam sektor pembuatan pada tahun 2015. Selebihnya adalah pekerja yang mempunyai kelulusan Diploma/STPM atau yang setaraf, 254,941 orang (12.0%) dan pemegang Ijazah ke atas, 159,040 orang (7.5%).

Pekerja lelaki mendominasi bilangan pekerja dalam sektor pembuatan iaitu 1,430,790 orang dengan sumbangan sebanyak 67.5 peratus sementara pekerja perempuan membentuk 688,368 orang (32.5%). Pekerja yang mempunyai kelulusan SPM/SPM(V) mencatatkan bilangan pekerja lelaki yang tertinggi iaitu seramai 1,159,966 orang dengan sumbangan 68.0 peratus berbanding dengan pekerja perempuan sebanyak 545,211 orang (32.0%) seperti dalam Paparan 10.

**Paparan 10: Bilangan pekerja mengikut kelulusan dan jantina, 2010 dan 2015**

		 Pekerja		 Lelaki		 Perempuan	
		Jumlah	% Sumbangan	Bilangan	% Sumbangan	Bilangan	% Sumbangan
<b>2015</b>	<b>Jumlah Kelulusan</b>	<b>2,119,158</b>	<b>100.0</b>	<b>1,430,790</b>	<b>67.5</b>	<b>688,368</b>	<b>32.5</b>
	Ijazah universiti dan ke atas	159,040	7.5	105,420	66.3	53,620	33.7
	Diploma/STPM atau yang setaraf	254,941	12.0	165,404	64.9	89,537	35.1
	SPM/SPM(V) atau yang setaraf dan ke bawah	1,705,177	80.5	1,159,966	68.0	545,211	32.0
<b>2010</b>	<b>Jumlah Kelulusan</b>	<b>1,812,360</b>	<b>100.0</b>	<b>1,179,024</b>	<b>65.1</b>	<b>633,336</b>	<b>34.9</b>
	Ijazah universiti dan ke atas	114,418	6.3	74,296	64.9	40,122	35.1
	Diploma/STPM atau yang setaraf	226,262	12.5	152,157	67.2	74,105	32.8
	SPM/SPM(V) atau yang setaraf dan ke bawah	1,471,680	81.2	952,571	64.7	519,109	35.3

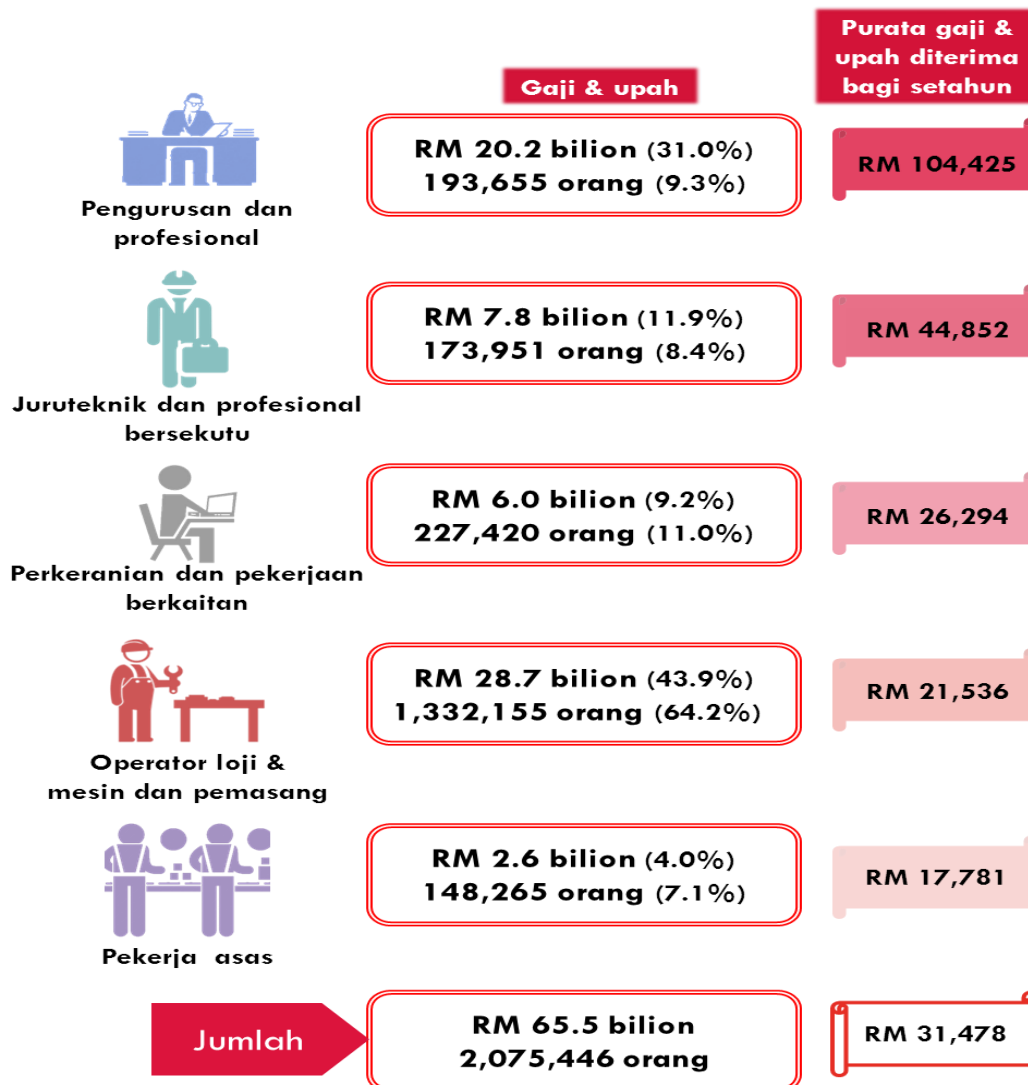
Kadar pertumbuhan tahunan dikompaun (%)	Ijazah universiti dan ke atas	6.8	7.2	6.0
	Diploma/STPM atau yang setaraf	2.4	1.7	3.9
	SPM/SPM(V) atau yang setaraf dan ke bawah	3.0	4.0	1.0
	Jumlah	3.2	3.9	1.7

## 6.3 GAJI DAN UPAH PEKERJA BERGAJI SEPENUH MASA

Jumlah gaji dan upah yang dibayar dalam sektor pembuatan pada tahun 2015 adalah sebanyak RM65.5 billion. Operator loji & mesin dan pemasang<sup>1</sup> merupakan bilangan pekerja tertinggi iaitu 1,332,155 orang atau 64.2 peratus daripada keseluruhan jumlah pekerja dan menerima bayaran gaji & upah berjumlah RM28.7 billion (43.9%). Bilangan pekerja dalam kategori pengurusan dan profesional adalah penyumbang terkecil dengan 193,665 orang (9.3%) manakala bayaran gaji & upah berjumlah RM20.2 billion (31.0%).

Pekerja dalam kategori pengurusan dan profesional memperoleh purata gaji & upah sebanyak RM104,425 setahun. Ini diikuti oleh juruteknik dan profesional bersekutu (RM44,852), perkeranian dan pekerjaan berkaitan (RM26,294), operator loji & mesin dan pemasang (RM21,536) dan pekerja asas (RM17,781) seperti yang ditunjukkan dalam Paparan 11. Secara purata, gaji dan upah yang diterima oleh pekerja dalam sektor pembuatan adalah sebanyak RM31,478 setahun.

### Paparan 11: Gaji dan upah pekerja bergaji sepenuh masa mengikut kategori pekerja, 2015



<sup>1</sup> Nota:  
Diambil secara langsung dan melalui kontraktor buruh


## 7. PERTUBUHAN MILIKAN WANITA MENGIKUT SUBSEKTOR

Pada tahun 2015, pertubuhan milikan wanita dalam sektor pembuatan berjumlah 9,546 pertubuhan. Pertubuhan ini menyumbang sebanyak 19.4 peratus kepada keseluruhan bilangan pertubuhan dalam sektor pembuatan pada tahun 2015. Nilai output kasar dan nilai ditambah yang direkodkan masing-masing adalah RM16.7 bilion dan RM4.2 bilion. Bilangan pekerja bagi pertubuhan milikan wanita adalah sebanyak 86,051 orang.

Subsektor produk tekstil, pakaian dan kulit menyumbang lebih separuh daripada pertubuhan milikan wanita dengan 5,330 pertubuhan diikuti oleh subsektor produk minyak dan lemak daripada sayuran dan haiwan & prosesan makanan sebanyak 2,347 pertubuhan. Dua subsektor ini secara kumulatifnya menyumbang RM6.6 bilion nilai output kasar dan RM1.5 bilion nilai ditambah.

Paparan 12 juga menunjukkan pertubuhan milikan wanita dalam subsektor produk minyak dan lemak daripada sayuran dan haiwan & prosesan makanan mempunyai bilangan pekerja paling ramai, 22,595 orang dari segi bilangan pekerja. Seterusnya adalah subsektor produk tekstil, pakaian dan kulit dan subsektor produk kayu, perabot, keluaran kertas dan percetakan masing-masing 15,469 orang dan 13,863 orang.

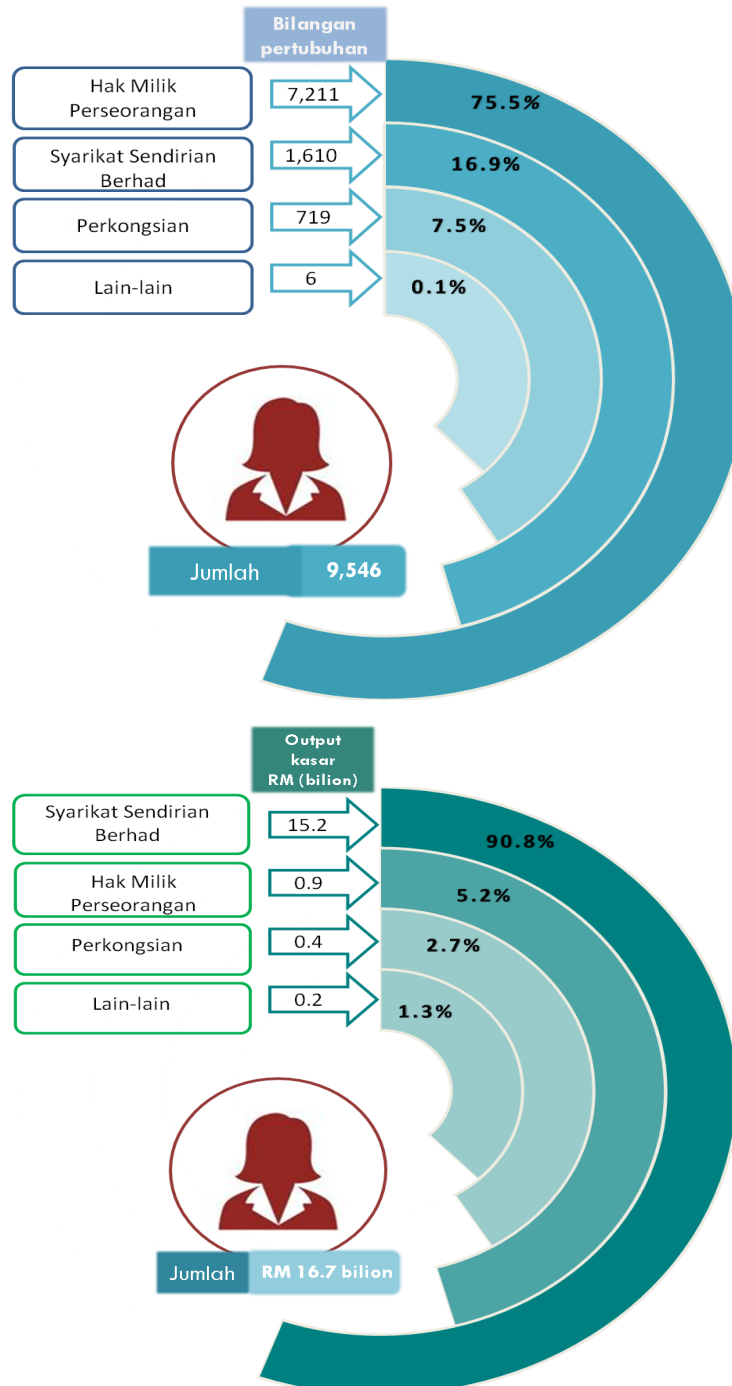
Paparan 12: Perangkaan utama milikan wanita mengikut subsektor pembuatan, 2015

	Output kasar (Sumbangan) %	Bilangan pertubuhan	Output kasar (RM)	Nilai ditambah (RM)	Pekerja
 Minyak dan lemak daripada sayuran dan haiwan dan prosesan makanan	34.1	2,347	5.7 bilion	1.1 bilion	22,595 orang
 Produk petroleum, kimia, getah dan plastik	16.7	311	2.8 bilion	0.7 bilion	11,763 orang
 Produk kayu, perabot, keluaran kertas dan percetakan	12.4	632	2.1 bilion	0.6 bilion	13,863 orang
 Produk mineral bukan logam, logam asas dan produk logam yang direka	12.1	377	2.0 bilion	0.5 bilion	8,542 orang
 Produk elektrik, elektronik dan optikal	11.0	166	1.8 bilion	0.5 bilion	6,476 orang
 Peralatan pengangkutan, pembuatan lain dan pembaikan	7.0	326	1.2 bilion	0.3 bilion	6,434 orang
 Produk tekstil, pakaian dan kulit	5.2	5,330	0.9 bilion	0.4 bilion	15,469 orang
 Minuman dan produk tembakau	1.5	57	0.2 bilion	0.1 bilion	909 orang
<b>Jumlah</b>		<b>9,546</b>	<b>16.7 bilion</b>	<b>4.2 bilion</b>	<b>86,051 orang</b>

## 7.1 OUTPUT KASAR PERTUBUHAN MILIKAN WANITA MENGIKUT TARAF SAH

Pertubuhan milikan wanita yang bertaraf Hak Milik Perseorangan imencatatkan sebanyak 7,211 pertubuhan (75.5%) dengan nilai output kasar yang dihasilkan adalah RM0.9 bilion (5.2%). Sementara itu, pertubuhan milikan wanita dengan taraf sah Syarikat Sendirian Berhad walaupun mencatatkan bilangan 1,610 pertubuhan (16.9%) tetapi menyumbang nilai output kasar tertinggi dengan nilai RM15.2 bilion (90.8%) seperti yang ditunjukkan dalam Paparan 13.

**Paparan 13: Pertubuhan milikan wanita mengikut taraf sah dan output kasar, 2015**







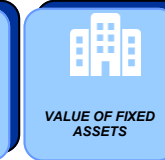


## 1. INTRODUCTION

This report presents statistics on manufacturing sector which obtained from the Economic Census 2016 for reference year 2015. The main statistics such as the value of gross output, value of intermediate input, value added, number of employees, salaries & wages paid as well as value of fixed assets owned is also presented in this report. A total of 251 industries were covered under the Economic Census 2016 compared to 246 industries in the previous census carried out in 2010.

## 2. PERFORMANCE OF MANUFACTURING SECTOR

**Exhibit 1: Principal statistics of manufacturing sector, 2010 and 2015**

2015	49,101 establishments	RM 1,142.0 billion	RM 884.8 billion	RM 257.1 billion	2,119,158 persons	RM 65.5 billion	RM 296.8 billion
							
	NUMBER OF ESTABLISHMENTS	GROSS OUTPUT	INTERMEDIATE INPUT	VALUE ADDED	NUMBER OF EMPLOYEES	SALARIES AND WAGES	VALUE OF FIXED ASSETS
COMPOUND ANNUAL GROWTH RATE	4.4%	6.4%	5.9%	8.5%	3.2%	8.4%	7.1%
2010	39,669 establishments	RM 836.5 billion	RM 665.8 billion	RM 170.7 billion	1,812,360 persons	RM 43.7 billion	RM 210.4 billion

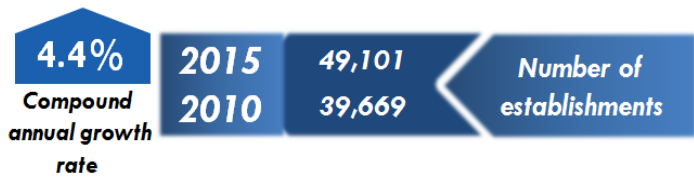
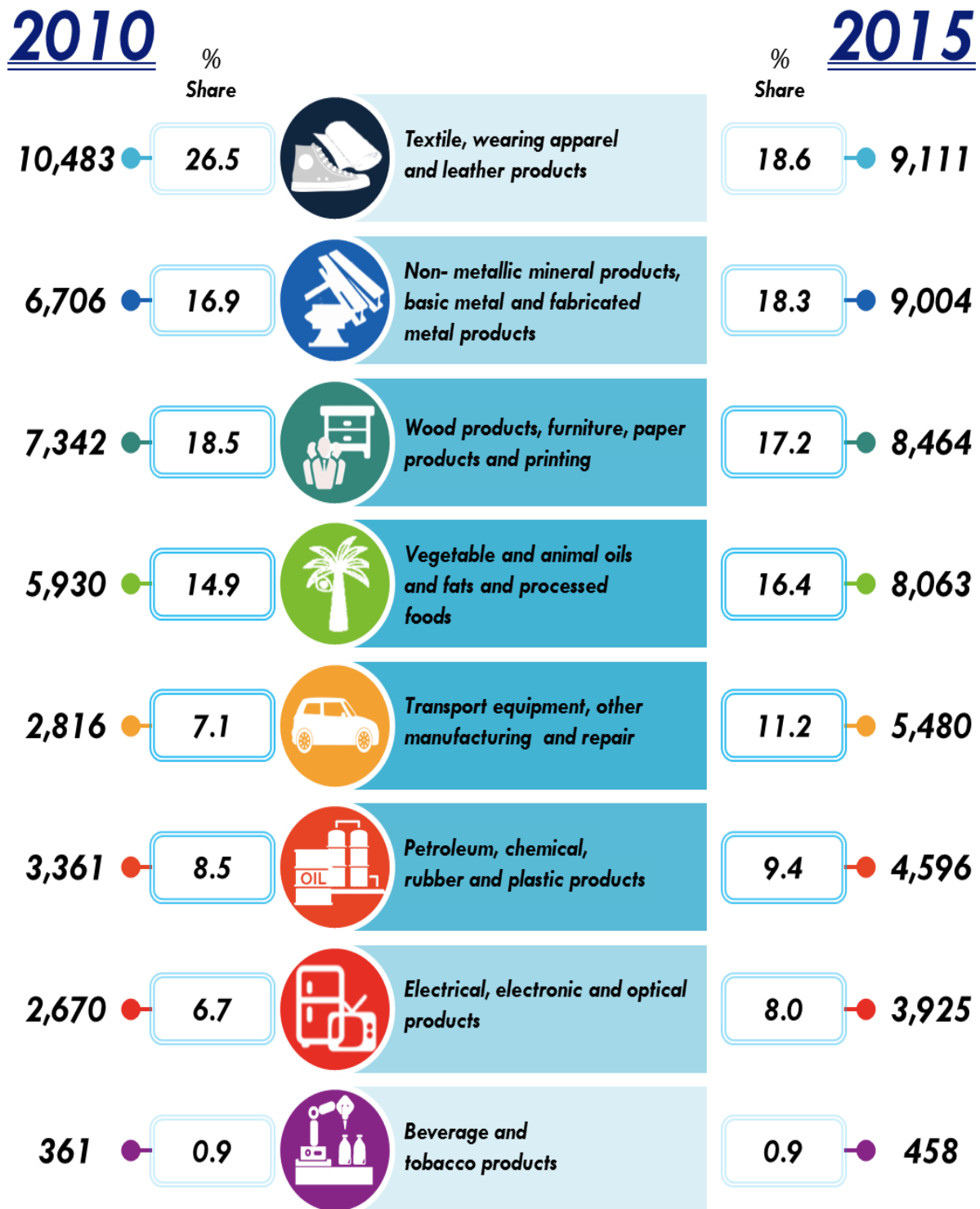
The manufacturing sector recorded a gross output value of RM1,142.0 billion in 2015 compared to RM836.5 billion in 2010 with the compound annual growth rate (CAGR) value of 6.4 per cent per annum. The gross output value of RM1.1 trillion was registered as the first achievement through out the Economic Census that has been carried out. In line with the rapid growth in gross output, the value of intermediate input also increased by RM219.0 billion to record RM884.8 billion with the CAGR of 5.9 per cent, thus resulting a value added of RM257.1 billion for the year 2015. During this period, the number of establishments recorded an increase of 9,432 with CAGR of 4.4 per cent. The number of employees in this sector also reported a 3.2 per cent increase in the CAGR to 2,119,158 persons as compared to 1,812,360 persons in 2010. Meanwhile, the salaries and wages paid in 2015 amounted to RM65.5 billion compared to RM43.7 billion in 2010 as shown in Exhibit 1.

## 3. NUMBER OF ESTABLISHMENTS BY MANUFACTURING SUB-SECTOR

Economic Census 2016 indicated 49,101 establishments operating in manufacturing sector in 2015 as compared to 39,669 establishments in 2010 (CAGR: 4.4%). The textiles, wearing apparel and leather products sub-sector remained as the largest contributor in the number of establishments with a share of 18.6 per cent (2010: 26.5%), followed by non-metallic minerals products, basic metals and fabricated metal products sub-sector 18.3 per cent (2010: 16.9%) and wood products, furniture, paper products and printing sub-sector 17.2 per cent (2010: 18.5%) as shown in Exhibit 2. These three sub-sectors collectively contributed 54.1 per cent of establishments in the manufacturing sector.

# SUMMARY OF FINDINGS

Exhibit 2: Number of establishments by manufacturing sub-sector, 2010 and 2015




















# SUMMARY OF FINDINGS

## 3.1 NUMBER OF ESTABLISHMENTS IN THE MANUFACTURING SECTOR BY STATE

Selangor remained as the main contributor in the number of establishments in 2015 with a total of 10,027 establishments or 20.4 per cent. Three other states that contributed the highest number of establishments were Johor 8,046 establishments (16.4%), W.P. Kuala Lumpur 5,231 establishments (10.7%) and Perak 4,383 establishments (8.9%). These four states cumulatively accounted for 56.4 per cent of the total number of establishments in manufacturing sector. The number of establishments for other states are shown in Exhibit 3.

**Exhibit 3: Number of establishments of manufacturing sector by state, 2010 and 2015**

2010		2015			2010		2015		
Number of establishments	% Share	Number of establishments	% Share		Number of establishments	% Share	Number of establishments	% Share	
 SELANGOR	8,940	22.5	10,027	20.4	 N.SEMBILAN	1,577	4.0	1,891	3.9
 JOHOR	5,181	13.1	8,046	16.4	 KELANTAN	1,822	4.6	1,834	3.8
 W.P. K.LUMPUR	4,233	10.7	5,231	10.7	 SABAH	1,443	3.6	1,789	3.7
 PERAK	3,932	9.9	4,383	8.9	 PAHANG	1,344	3.4	1,784	3.6
 P.PINANG	2,838	7.2	4,191	8.5	 MELAKA	1,175	3.0	1,539	3.1
 KEDAH	2,901	7.3	3,281	6.7	 PERLIS	294	0.7*	373	0.8*
 SARAWAK	2,060	5.2	2,573	5.2	 W.P. LABUAN	113	0.3*	120	0.2*
 TERENGGANU	1,803	4.5	2,023	4.1	 W.P. PUTRAJAYA	13	0.0*	16	0.0*

**4.4%**  
Compound  
annual  
growth rate

**2015** 49,101  
**2010** 39,669

Number of  
establishments



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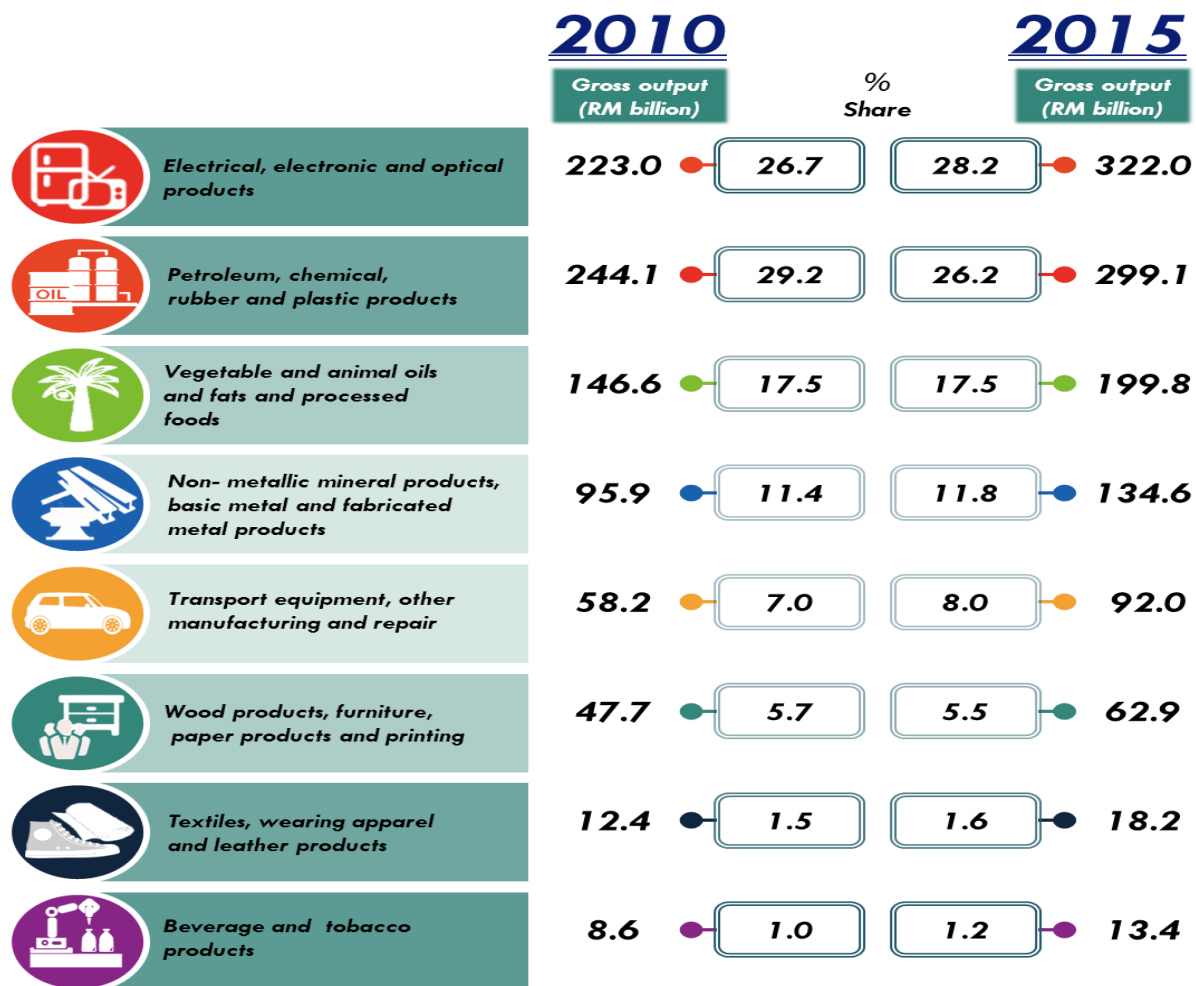
\*Less than 1.0 per cent

## 4. GROSS OUTPUT BY MANUFACTURING SUB-SECTOR

In the period of 2010 to 2015, the gross output value of the manufacturing sector increased to 6.4 per cent per annum. Electrical, electronic and optical products sub-sector was the largest contributor of gross output value with RM322.0 billion (28.2%) in Economic Census 2016. The second largest contributor was petroleum, chemical, rubber and plastic products sub-sector with RM299.1 billion (26.2%) followed by vegetable and animal oils and fats and food processing sub-sector with RM199.8 billion (17.5%) as shown in Exhibit 4. These three sub-sectors together contributed 71.9 per cent to the value of gross output in the manufacturing sector.

Other sub-sectors that also contributed were non-metallic mineral products, basic metal and fabricated metal products sub-sector and transport equipment, other manufacturing and repair sub-sector which recorded the value of gross output of RM134.6 billion (11.8%) and RM92.0 billion (8.0%) respectively.

**Exhibit 4: Gross output by manufacturing sub-sector, 2010 and 2015**













# SUMMARY OF FINDINGS

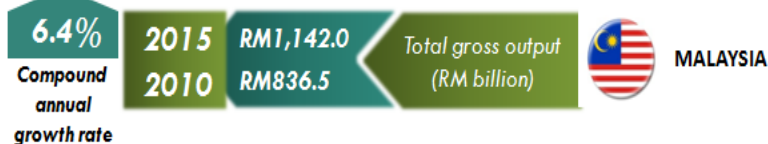
## 4.1 GROSS OUTPUT PERFORMANCE BY STATE

Selangor remained as the main contributor to the gross output value for manufacturing sector in 2015 with the value of RM308.0 billion with 27.0 per cent share compared to RM229.5 billion in 2010. This was followed by Johor and Pulau Pinang with the gross output value of RM171.1 billion (15.0%) and RM155.7 billion (13.6%) respectively. The total value of gross output for the three states amounted to RM634.8 billion (55.6%). Meanwhile the contributions of other states are shown in Exhibit 5.

Exhibit 5: Gross output value of manufacturing sector by state, 2010 and 2015

	2010		2015			2010		2015	
	Gross output (RM billion)	% Share	Gross output (RM billion)	% Share		Gross output (RM billion)	% Share	Gross output (RM billion)	% Share
 SELANGOR	229.5	27.4	308.0	27.0	 PAHANG	29.2	3.5	42.9	3.8
 JOHOR	131.5	15.7	171.1	15.0	 SABAH	34.1	4.1	41.8	3.7
 P. PINANG	106.5	12.7	155.7	13.6	 TERENGGANU	31.3	3.7	38.1	3.3
 SARAWAK	73.5	8.8	102.6	9.0	 W.P. K.LUMPUR	21.3	2.6	22.8	2.0
 MELAKA	67.2	8.0	79.3	6.9	 KELANTAN	3.8	0.5	4.3	0.4
 N. SEMBILAN	42.6	5.1	67.9	5.9	 PERLIS	1.3	0.2	2.5	0.2
 KEDAH	31.8	3.8	56.9	5.0	 W.P. LABUAN	2.4	0.3	2.4	0.2
 PERAK	30.5	3.6	45.7	4.0	 W.P. PUTRAJAYA	0.0*	0.0	0.0*	0.0

\*Less than RM 0.05 billion

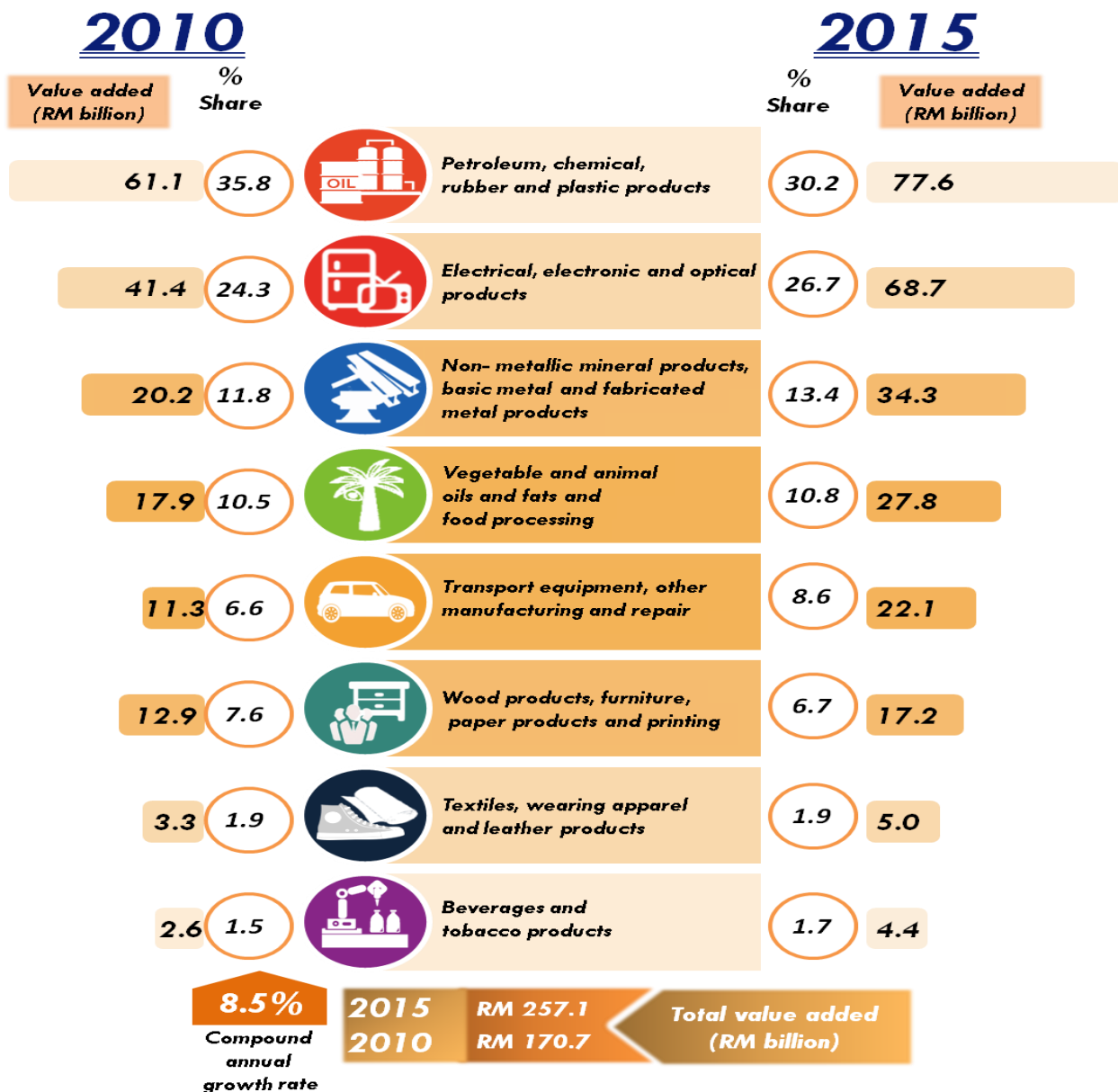


## SUMMARY OF FINDINGS

### 5. VALUE ADDED OF MANUFACTURING SUB-SECTOR

The total value added recorded in the manufacturing sector for 2015 is RM257.1 billion with compound annual growth rate of 8.5 per cent per annum within the period of five years. Exhibit 6 shows that the petroleum, chemical, rubber and plastic products sub-sector recorded the highest value added in 2015 which amounted to RM77.6 billion (2010: RM61.1 billion). This was followed by the electrical, electronic and optical products sub-sector of RM68.7 billion (2010: RM41.4 billion) and non-metallic mineral products, basic metal and fabricated metal products sub-sector of RM34.3 billion (2010: RM20.2 billion). In comparison, the electrical, electronic and optical products sub-sector posted the highest value added increase of RM27.3 billion for the period of 2010 to 2015.

Exhibit 6: Value added by manufacturing sub-sector, 2010 and 2015


















# SUMMARY OF FINDINGS

## 5.1 VALUE ADDED IN MANUFACTURING SECTOR BY STATE

Performance of value added by state in 2015 indicates that three states i.e. Selangor, Pulau Pinang and Johor as the main contributors to the value added of manufacturing sector. Selangor recorded the highest value added RM74.4 billion with a share of 28.9 per cent, followed by Pulau Pinang with RM34.3 billion (13.3%) and Johor with RM33.7 billion (13.1%). Collectively, the share of value added to the manufacturing sector for all three states were RM142.4 billion (55.3%). Meanwhile the share of value added for other states are as represented by Exhibit 7.

**Exhibit 7: Value added of manufacturing sector by state, 2010 and 2015**

State	2010		2015		State	2010		2015	
	Value added (RM billion)	% Share	Value added (RM billion)	% Share		Value added (RM billion)	% Share	Value added (RM billion)	% Share
 SELANGOR	48.0	28.1	74.4	28.9	 PERAK	6.3	3.7	10.1	3.9
 P. PINANG	18.7	11.0	34.3	13.3	 PAHANG	5.8	3.4	8.0	3.2
 JOHOR	21.0	12.3	33.7	13.1	 W.P. KUALA LUMPUR	4.8	2.8	6.8	2.6
 SARAWAK	29.0	17.0	33.5	13.0	 SABAH	4.6	2.7	6.4	2.5
 TERENGGANU	8.6	5.0	12.2	4.8	 W.P. LABUAN	0.9	0.5	1.0	0.4
 MELAKA	8.5	4.9	11.9	4.6	 KELANTAN	0.8	0.5	0.9	0.4
 KEDAH	7.6	4.4	11.7	4.5	 PERLIS	0.3	0.2	0.7	0.3
 N. SEMBILAN	5.8	3.5	11.5	4.5	 W.P. PUTRAJAYA	0.0*	0.0	0.0*	0.0

\*Less than 0.05 billion











## SUMMARY OF FINDINGS

### 6. NUMBER OF EMPLOYMENT BY MANUFACTURING SUB-SECTOR

Electrical, electronic and optical products sub-sector registered the highest number of employees of 528,913 persons or 25.0 per cent (2010: 27.1%). The second highest contributor was petroleum, chemicals, rubber and plastics product sub-sector with 376,084 persons or 17.8 per cent (2010: 16.4%) followed by non-metallic mineral products, basic metal and fabricated metal products sub-sector with 331,643 persons or 15.6 per cent (2010: 14.2%) as shown in Exhibit 8. These three sub-sectors contributed more than half (58.4%) of the total number of employees in the manufacturing sector in 2015.

**Exhibit 8: Number of employment by manufacturing sub-sector, 2010 and 2015**




	<u>2010</u>		<u>2015</u>		Compound annual growth rate (%)
	Employees (persons)	% Share	Employees (persons)	% Share	
 Electrical, electronic and optical products	491,237	27.1	528,913	25.0	1.5
 Petroleum, chemical, rubber and plastic products	296,375	16.4	376,084	17.8	4.9
 Non-metallic mineral products, basic metal and fabricated metal products	256,564	14.2	331,643	15.6	5.3
 Wood products, furniture, paper products and printing	302,956	16.7	298,437	14.1	(0.3)
 Vegetable and animal oils and fats and food processing	196,084	10.8	256,908	12.1	5.6
 Transport equipment, other manufacturing and repair	150,421	8.3	207,959	9.8	6.7
 Textiles, wearing apparel and leather products	104,148	5.7	102,243	4.8	(0.4)
 Beverages and tobacco products	14,575	0.8	16,971	0.8	3.1
<b>Number of employees</b>	<b>1,812,360</b>	<b>100</b>	<b>2,119,158</b>	<b>100</b>	<b>3.2</b>

## SUMMARY OF FINDINGS

### 6.1 EMPLOYMENT SIZE

Establishments engaging 5 to 74 employees posted the highest number of 25,921 establishments or 52.8 per cent (2010: 44.7%). Although the composition of the number of establishments with employment size between 5 to 74 employees was the largest, the contribution to the value of gross output and employment were only 11.6 per cent and 22.7 per cent respectively for the year 2015 as shown in Exhibit 9. On the other hand, establishments with over 200 employees contributed to 57.9 per cent of total employment and 70.0 per cent to the total value of gross output.

**Exhibit 9: Employment size of manufacturing sector, 2010 and 2015**

	 Establishment		 Gross output		 Employees	
	Number	% Share	RM billion	% Share	Number	% Share
	<b>2015</b>					
Less than 5 employees	18,197	37.0	4.7	0.4	44,533	2.1
5 employees - 74 employees	25,921	52.8	132.7	11.6	480,963	22.7
75 employees - 200 employees	3,083	6.3	205.1	18.0	367,392	17.3
201 employees and above	1,900	3.9	799.5	70.0	1,226,270	57.9
<b>Total</b>	<b>49,101</b>	<b>100.0</b>	<b>1,142.0</b>	<b>100.0</b>	<b>2,119,158</b>	<b>100.0</b>
<b>2010</b>						
Less than 5 employees	17,583	44.4	3.0	0.4	41,708	2.3
5 employees - 74 employees	17,738	44.7	81.8	9.8	335,643	18.5
75 employees - 200 employees	2,670	6.7	155.7	18.6	319,375	17.6
201 employees and above	1,678	4.2	596.0	71.2	1,115,634	61.6
<b>Total</b>	<b>39,669</b>	<b>100.0</b>	<b>836.5</b>	<b>100.0</b>	<b>1,812,360</b>	<b>100.0</b>

Compound annual growth rate (%)	Less than 5 employees	0.7	10.2	1.3
	5 employees - 74 employees	7.9	10.1	7.5
	75 employees - 200 employees	2.9	5.7	2.8
	201 employees and above	2.5	6.1	1.9
	<b>Total</b>	<b>4.4</b>	<b>6.4</b>	<b>3.2</b>




## SUMMARY OF FINDINGS

### 6.2 QUALIFICATION OF EMPLOYEES

Employees with the qualification of SPM/SPM(V) or equivalent and below were 1,705,177 persons with a contribution of 80.5 per cent in the manufacturing sector for the year 2015. The remaining were employees with the qualification of Diploma/STPM or equivalent, 254,941 persons (12.0%) and Degree holder and above, 159,040 persons (7.5%).

Male employees dominated the number of employees in the manufacturing sector with 1,430,790 persons with a share of 67.5 per cent while female employees formed 688,368 persons (32.5%). Employees with qualification of SPM/SPM(V) recorded the highest number of male employees with 1,159,966 persons or a share of 68.0 per cent as compared to female employees with 545,211 persons (32.0%) as shown in Exhibit 10.

**Exhibit 10: Number of persons engaged by qualification and sex, 2010 and 2015**

							
		Employees		Male		Female	
		Total	% Share	Number	% Share	Number	% Share
<b>2015</b>	<b>Total</b>	<b>2,119,158</b>	<b>100.0</b>	<b>1,430,790</b>	<b>67.5</b>	<b>688,368</b>	<b>32.5</b>
	University degree and above	159,040	7.5	105,420	66.3	53,620	33.7
	Diploma/STPM or equivalent	254,941	12.0	165,404	64.9	89,537	35.1
	SPM/SPM(V) or equivalent and below	1,705,177	80.5	1,159,966	68.0	545,211	32.0
<b>2010</b>	<b>Total</b>	<b>1,812,360</b>	<b>100.0</b>	<b>1,179,024</b>	<b>65.1</b>	<b>633,336</b>	<b>34.9</b>
	University degree and above	114,418	6.3	74,296	64.9	40,122	35.1
	Diploma/STPM or equivalent	226,262	12.5	152,157	67.2	74,105	32.8
	SPM/SPM(V) or equivalent and below	1,471,680	81.2	952,571	64.7	519,109	35.3

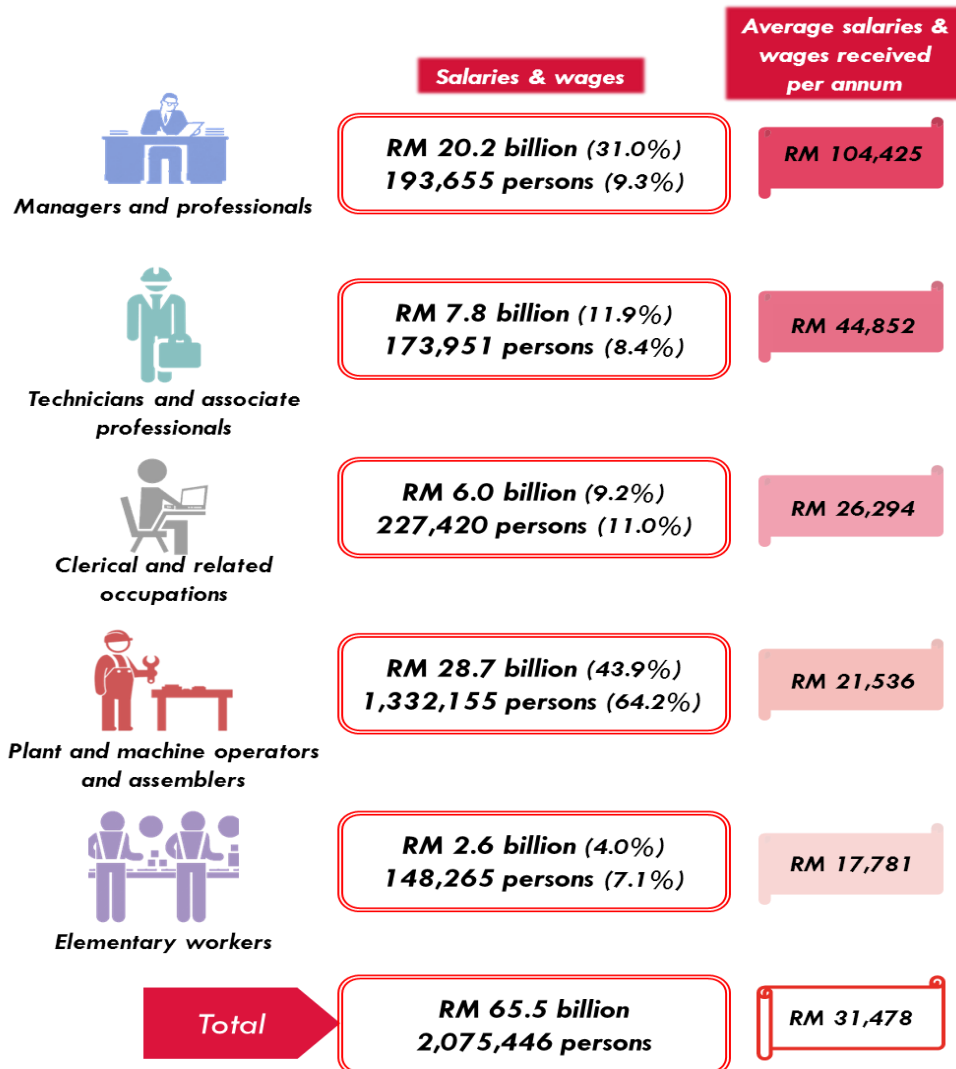
Compound annual growth rate (%)	University degree and above	6.8	7.2	6.0
	Diploma/STPM or equivalent	2.4	1.7	3.9
	SPM/SPM(V) or equivalent and below	3.0	4.0	1.0
	Total	3.2	3.9	1.7

## 6.3 SALARIES AND WAGES OF FULL-TIME PAID EMPLOYEES

The total salaries and wages paid in manufacturing sector for the year 2015 amounting to RM65.5 billion. The plant and machine operators and assemblers<sup>1</sup> were the highest number of employees, 1,332,155 persons or 64.2 per cent of the total number of employees and received salaries & wages paid amounted to RM28.7 billion (43.9%). The managerial and professional which contributed the smallest number of employees with 193,665 persons (9.3%) were paid a total of RM20.2 billion (31.0%) in salaries and wages.

Person engaged in managerial and professional earned an average salaries and wages of RM104,425 per annum. This was followed by technicians and associate professionals (RM44,852), clerical and related occupations (RM26,294), plant and machine operators and assemblers (RM21,536) and elementary workers (RM17,781) as shown in Exhibit 11. On average, salaries and wages received by employees in the manufacturing sector amounted to RM31,478 per annum.

**Exhibit 11: Salaries and wages of full-time paid employees by employees categories, 2015**



<sup>1</sup> Notes:  
Directly employed and employed through labour contractors

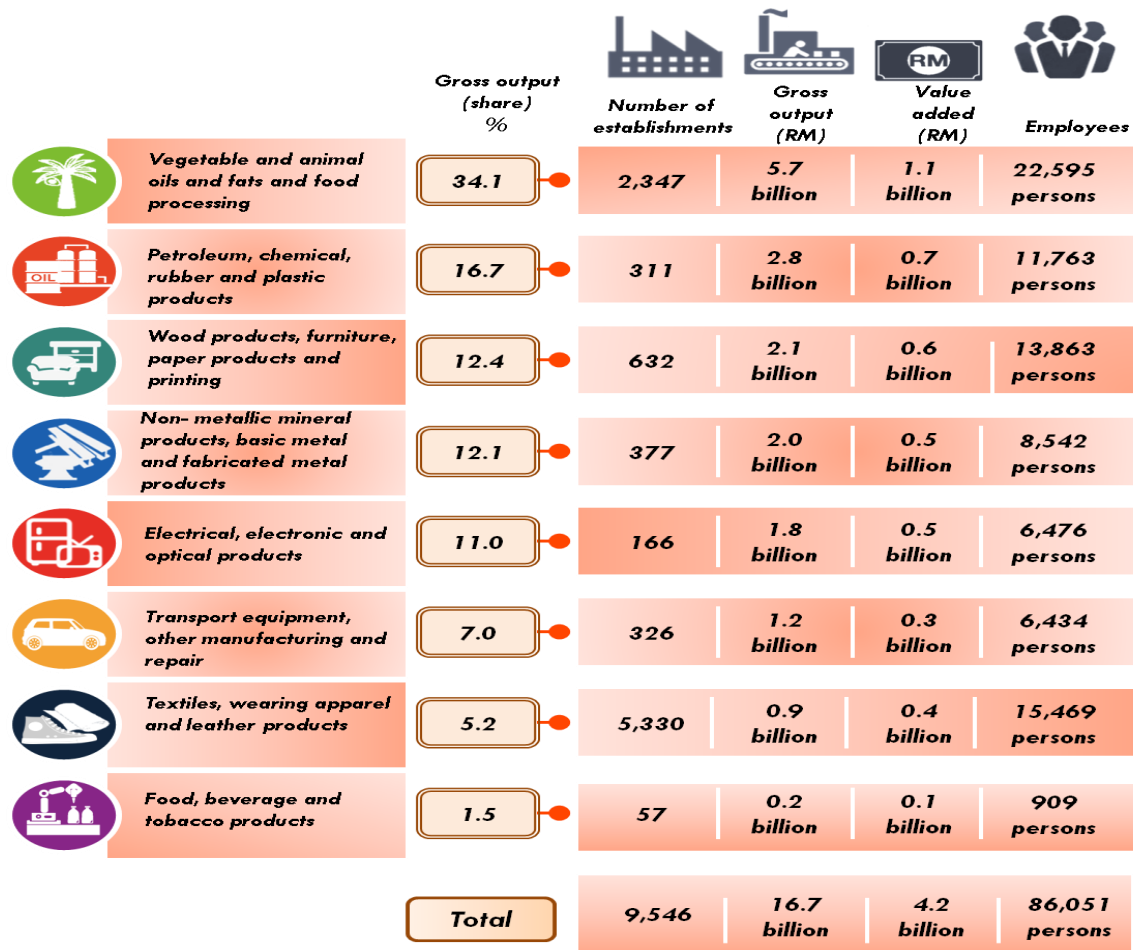
**7. WOMEN-OWNED ESTABLISHMENTS BY SUB-SECTOR**

In 2015, women-owned establishments in manufacturing sector accounted for 9,546 establishments. These establishments contributed 19.4 per cent of the total number of establishments in the manufacturing sector for the year 2015. The value of gross output and value added recorded were RM16.7 billion and RM4.2 billion respectively. Women-owned establishments employed a total of 86,051 persons.

Textiles, wearing apparel and leather products sub-sector contributed to more than half of women-owned establishments with 5,330 establishments followed by vegetable and animal oils and fats & food processing sub-sector with 2,347 establishments. These two sub-sectors cumulatively contributed RM6.6 billion in the value of gross output and RM1.5 billion of value added .

Exhibit 12 also shows that women-owned establishments in the vegetable and animal oils and fats & food processing sub-sector employed the highest number of employees, 22,595 persons in terms of employment. This was followed by textiles, wearing apparel and leather products sub-sector and wood products, furniture, paper and printing sub-sector with 15,469 persons and 13,863 persons respectively.

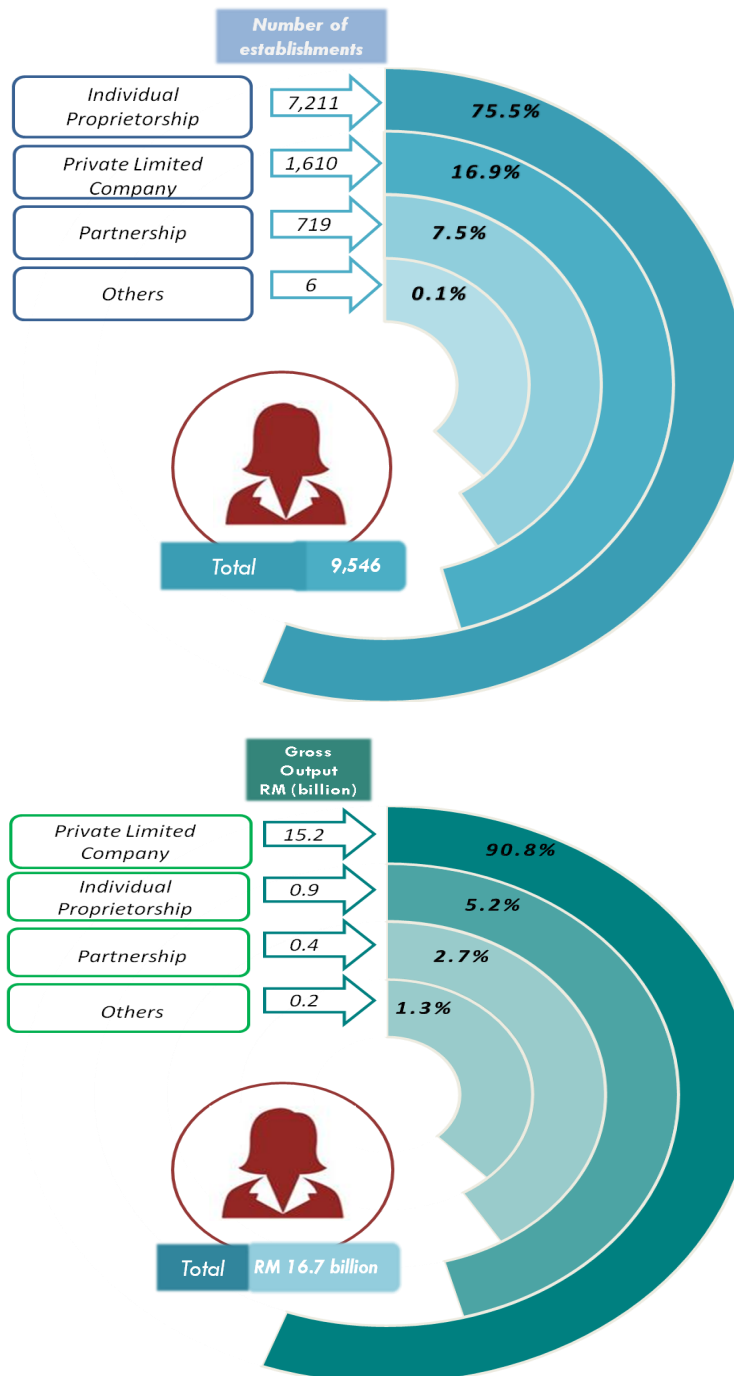
**Exhibit 12: Women-owned establishments by manufacturing sub-sector, 2015**



## 7.1 GROSS OUTPUT OF WOMEN-OWNED ESTABLISHMENTS BY LEGAL STATUS

Women-owned establishments with the status of Individual Proprietorship recorded 7,211 establishments (75.5%) and generated gross output of RM0.9 billion (5.2%). Meanwhile, women-owned establishments with legal status of Private Limited Company although recorded 1,610 establishments (16.9%), the contribution of these establishments to the value of gross output was the highest, RM15.2 billion (90.8%) as represents in Exhibit 13.

**Exhibit 13: Women-owned establishments by legal status and gross output, 2015**



# BAHAGIAN *PART* 2

**PEMBUATAN**  
*MANUFACTURING*



**NOTA TEKNIKAL**

***TECHNICAL NOTES***

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- 1. Skop dan liputan** Banci ini meliputi pertubuhan berdaftar yang terlibat dalam aktiviti pembuatan sebagai kegiatan utamanya. Sebanyak 259 industri diliputi berdasarkan kategori yang dikelaskan di bawah Seksyen C - Pembuatan, Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Versi 1.0. Senarai lengkap industri yang diliputi ditunjukkan di Lampiran (**muka surat 189**)
- 2. Sumber rangka** Sumber utama rangka banci ialah syarikat yang berdaftar dengan Suruhanjaya Syarikat Malaysia (SSM), Lembaga Kemajuan Perindustrian Malaysia (MIDA), Jabatan Perhutanan, Kementerian Pertanian dan Industri Asas Tani, Lembaga Penyelidikan Getah Malaysia (RRIM), Lembaga Kemajuan Tanah Persekutuan (FELDA), pelbagai persatuan perniagaan dan perdagangan, media cetak serta media elektronik. Rangka dikemaskini setiap tahun dengan mengambil kira pertubuhan baru dan merekod sebarang perubahan dalam status pertubuhan seperti tutup, tidak beroperasi, perubahan jenis aktiviti dan lokasi atau alamat pos.
- 3. Jenis aktiviti perniagaan** Jenis aktiviti perniagaan merujuk kepada aktiviti utama dan sekunder. Aktiviti utama merujuk kepada aktiviti yang mana pertubuhan menggunakan sebahagian besar daripada sumbernya atau yang ia memperoleh sebahagian besar daripada pendapatannya. Aktiviti sekunder didefinisikan sebagai aktiviti sampingan kepada aktiviti utamanya berdasarkan kepada Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Versi 1.0.
- 4. Konsep dan definisi** Konsep dan definisi yang digunakan selari dengan *International Recommendations for Industrial Statistics, United Nations Statistical Division*. Takrif pembuatan yang digunakan dalam banci ini adalah selaras dengan “Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Versi 1.0.
- 5. Unit melapor** Unit melapor bagi banci ini ialah **pertubuhan**. Sesebuah pertubuhan 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 aktiviti ekonomi utama di satu tempat / lokasi fizikal”. Setiap pertubuhan diberikan klasifikasi industri berdasarkan aktiviti utamanya. Bagi pertubuhan yang menjalankan pelbagai aktiviti, unit yang bergiat dalam aktiviti yang berasingan dalam satu lokasi yang sama terdiri daripada entiti pertubuhan yang berbeza. Oleh itu, setiap cawangan daripada organisasi yang mempunyai pelbagai 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 praktiknya akaun biasanya disediakan secara berpusat kerana kesukaran untuk memperoleh data yang berasingan bagi setiap unit atau cawangan. Entiti atau enterpris ini akan

dianggap sebagai satu unit pelapor dan dibenarkan mengemukakan soal selidik yang menggabungkan semua unit atau cawangannya.

**6. Nilai output kasar** Nilai output kasar ditakrifkan dengan memasukkan perkara berikut:  
Nilai jualan produk pembuatan

- + Nilai barang yang dijual dalam keadaan yang sama seperti dibeli
- Kos barang yang dijual dalam keadaan yang sama seperti dibeli
- + Perbelanjaan modal ke atas binaan sendiri
- + Pendapatan daripada perkhidmatan perindustrian yang diberi kepada orang lain
- + Pendapatan daripada kerja perindustrian lain (misalnya, pembinaan, kuari, dll.)
- + Penerimaan bayaran daripada skrap, tenaga elektrik, produk sisa, dll. yang dijual kepada orang lain
- + Penerimaan komisen dan brokeraj
- + Semua nilai output lain (seperti penerimaan perkhidmatan bukan perindustrian, misalnya bayaran pengurusan, sewa harta, dll.)
- + Stok akhir barang siap (pembuatan sendiri)
- Stok awal barang siap (pembuatan sendiri)
- + Stok akhir barang dalam proses
- Stok awal barang dalam proses
- + Perbelanjaan penyelidikan dan pembangunan (Dalaman)

## 7. Nilai input perantaraan

Nilai input perantaraan ditakrifkan dengan memasukkan perkara berikut:

Nilai bahan mentah dan bekalan yang digunakan

- + Kos kerja perindustrian yang dibuat oleh orang lain
- + Kos bahan dan bekas pembungkus yang digunakan
- + Tenaga elektrik dan air yang dibeli
- + Nilai bahan pembakar, pelincir dan gas yang digunakan
- + Kos bahan yang digunakan bagi pembaikan dan penyelenggaraan harta tetap (termasuk pembayaran kepada pihak lain ke atas kerja ini)
- + Pembayaran terhadap perkhidmatan bukan perindustrian (termasuk bayaran bagi pengangkutan keluar barang, perjalanan, pengurusan, perundangan, teknologi maklumat, pengiklanan, bank, pos, telekomunikasi, dll.)
- + Semua kos input lain (termasuk kos latihan dan nilai pakaian percuma yang disediakan kepada pekerja)

## 8. Nilai ditambah

Nilai ditambah ialah tambahan kepada nilai komoditi dan perkhidmatan yang disumbangkan oleh sesebuah pertubuhan pembuatan. Nilai ditambah diperoleh daripada perbezaan antara nilai output kasar dengan nilai input perantaraan.

## 9. Bilangan pekerja

Bilangan pekerja meliputi semua orang yang diambil bekerja pada bulan Disember atau pada tempoh pembayaran gaji terakhir pada 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 pertubuhan. Justeru itu, ia tidak termasuk rakan niaga yang tidak aktif.

### ii. Pekerja keluarga tanpa gaji

Kategori ini meliputi semua ahli isi rumah 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 'regular' sama ada dalam bentuk wang tunai atau mata benda bagi kerja yang dilakukan. Biasanya pekerja berkenaan mendapat makanan, tempat tinggal dan bantuan lain sebagai sebahagian daripada ahli isi rumah pemilik dan terus mendapatnya sama ada mereka bekerja atau tidak di pertubuhan tersebut.

### iii. Pekerja sepenuh masa

Ia merujuk kepada semua pekerja bergaji yang bekerja sekurang-kurangnya 6 jam sehari dan sekurang-kurangnya 20 hari sebulan.

### iv. Pekerja sambilan

Ia merujuk kepada semua pekerja bergaji yang bekerja kurang daripada 6 jam sehari dan/atau kurang daripada 20 hari sebulan.

## 10. Kategori kemahiran

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

### i) Pekerja mahir

Pengurusan & Profesional dan Juruteknik dan Profesional Bersekutu

### ii) Pekerja separuh mahir

Pekerja Perkeranian dan Pekerja Operatif: dan

### iii) Pekerja kurang mahir

Pekerja Asas

## 11. Nilai harta tetap

Harta meliputi semua barang, baru atau terpakai, aset ketara dan aset tidak ketara yang mempunyai hayat produktif lebih daripada setahun (seperti tanah, bangunan, jentera dan alat kelengkapan, termasuk kelengkapan pengangkutan). Nilai yang dilaporkan adalah nilai seperti pada penghujung tahun rujukan dan ia mengikut buku akaun unit yang melaporkan. Ia termasuk perolehan baru sepanjang tahun berkenaan tetapi tidak termasuk harta yang dilupuskan pada tahun tersebut. Lanya adalah nilai bersih setelah ditolak susut nilai.

## 12. Pembundaran

Jumlah bagi komponen-komponen mungkin berbeza daripada jumlah besar di jadual penerbitan ini oleh kerana pembundaran angka.

**13. Kadar pertumbuhan tahunan dikompaun**

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

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

Di mana  $r$ ,

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

Dimana,

$Y_t$  = Nilai pada tahun semasa

$Y_o$  = Nilai pada tahun sebelum

$t$  = Bilangan tahun,  $Y_t - Y_o$

$r$  = kadar pertumbuhan tahunan

**14. Simbol dan singkatan**

Simbol dan huruf ringkas berikut telah digunakan di dalam keseluruhan penerbitan :

>	lebih daripada
<	kurang daripada
-	tiada
}	digabungkan
RM	Ringgit Malaysia
t.t.t.l.	tidak terkelas di tempat lain
0.0	kurang dari 0.05 bilion
n.a	tidak berkaitan
W.P	Wilayah Persekutuan
0	nilai yang dilaporkan kurang dari 1,000

**15. Takrifan pembuatan**

“Pembuatan adalah ditakrifkan sebagai perubahan fizikal atau kimia ke atas bahan atau komponen menjadi produk baru sama ada kerja itu dilakukan oleh jentera yang dijalankan dengan tangan, sama ada dijalankan dalam kilang atau di rumah pekerja, dan sama ada barang keluaran dijual secara borong atau runcit”.

**16. Eksport**

Merujuk kepada peratus bagi eksport secara langsung yang dilaporkan oleh pertubuhan berdasarkan jumlah nilai jualan pada tahun rujukan.

- 1. Scope and coverage** *The census covered all registered establishments engaged in manufacturing activities as main activities. 259 industries were covered based on the classification identified in Section C - Manufacturing, Malaysia Standard Industrial Classification (MSIC) 2008 Version 1.0. The complete list of industries covered is shown in the Appendix (page 189).*
- 2. Source of frame** *The main source of census is the Companies Commission of Malaysia (CCM), Malaysia Industrial Development Authority (MIDA), Forestry Department, Ministry of Agriculture and Agro-based Industry, Rubber Research Institute of Malaysia (RRIM), Federal Land Development Authority Association (FELDA), various businesses and trade associations, print media as well as electronic media. The frame is updated annually by taking into account new establishments and to record any changes in the establishment status such as closed down, not in operation, change in types of activity and location or postal addresses.*
- 3. Type of business activity** *The type of business activity refers to both 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 based on Malaysia Standard Industrial Classification (MSIC) 2008 Version 1.0.*
- 4. Concept and definition** *Concepts and definitions used are based on the recommendations of the United Nations Statistical Division. The definition of manufacturing used in this census follows the Malaysia Standard Industrial Classification (MSIC) 2008 Version 1.0.*
- 5. 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. In the case of a multi-activity entity, units engaged in separate activities in the same location constituted distinct establishments. Thus, each branch of a multi-branch organization at a different location was conceptually treated as a different establishment. The establishment was requested to give separate returns for each activity 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.*

**6. Value of gross output**

The value of gross output is defined to include the following elements:

*Value of sales of manufacturing products*

- + *Value of goods sold in the same condition as purchased*
- *Cost of goods sold in the same condition as purchased*
- + *Capital expenditure on own construction*
- + *Income from industrial services rendered to others*
- + *Income from other industrial work done (e.g. construction, quarry, etc.)*
- + *Receipt from scrap, electricity, waste product, etc. sold to others*
- + *Receipt from commission and brokerage earned*
- + *All other output (such as receipt from non-industrial services, e.g. management fees received, income from rental of property, etc.)*
- + *Closing stocks of finished goods (own manufactured)*
- *Opening stocks of finished goods (own manufactured)*
- + *Closing stocks of goods-in-process*
- *Opening stocks of goods-in-process*
- + *Research and development expenditure (In-house)*

**7. Value of intermediate input**

The value of intermediate input is defined to include the following elements:

*Value of raw materials and supplies consumed*

- + *Cost of industrial work done by others*
- + *Cost of packing materials and containers consumed*
- + *Electricity and water purchased*
- + *Value of fuel, lubricants and gas consumed*
- + *Cost of materials used for repairs and maintenance of assets (including payments to others for this work)*
- + *Payments for non-industrial services (including payments for carriage outwards of goods, traveling, management fees, information technology, advertising, bank charges, post, telecommunication, etc.)*
- + *All other input costs (including training and value of free wearing apparel provided for workers)*

**8. Value added**

*Value added is the increment to the value of commodities and services contributed by the manufacturing establishment. Value added is derived as the difference between value of gross output and value of intermediate input.*

**9. Number of persons engaged**

*Employment covers all persons engaged during December or the last pay period of the reference year. The number of persons engaged was classified under the following categories:*

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

*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 category encompasses all persons (full-time or part time) in the household 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 payment, either in cash or in kind for work done. Such workers generally receive food, shelter and other support as part of the household of an owner but this would continue whether they worked in the establishment not.*

**iii. Full-time employees**

*It refers to all paid workers who work for at least 6 hours a day and 20 days a month.*

**iv. Part-time employees**

*It refers to all paid workers who work for less than 6 hours a day and/or less than 20 days a month.*

**10. Category of skilled**

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

**i) High-skilled**

*Manager & Professionals and Technician & Associate Professionals;*

**ii) Semi-skilled**

*Clerical Occupations & Operative Workers; and*

**iii) Low-skilled**

*Elementary Workers*

**11. Value of fixed assets**

Assets cover all goods, new or used, tangible or intangible, which have a normal economics life span of more than one year (e.g. land, building, machinery and equipment, including transport equipment). The value reported is as at the end of the reference year and is according to the books of accounts of the reporting unit. It includes additions during the year and excludes assets disposed off during the year. It is net of depreciation.

**12. Rounding**

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

**13. Compound of 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

**14. Symbols and abbreviations**

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

>	more than
<	less than
-	nil
}	combine
RM	Ringgit Malaysia
n.e.c.	not elsewhere classified
0.0	less than 0.05 billion
n.a	not applicable
W.P	Wilayah Persekutuan
0	the value reported has less than 1,000

**15. Definition of manufacturing**

*“Manufacturing is defined as the physical or chemical transformation of materials or components into new products, whether the work is performed by power-driven machines or by hand, whether it is done in a factory or in the worker’s home, and whether the products are sold at wholesale or retail.”*

**16. Export**

*Refers to the percentage of direct exports reported by the establishment based on the total value of sales during the reference year.*

# BAHAGIAN *PART* 3

**PEMBUATAN**  
*MANUFACTURING*



**JADUAL**

***TABLES***

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**Jadual 1 - Perangkaan utama sektor pembuatan, 2005 - 2015**  
*Table 1 - Principal statistics of manufacturing sector, 2005 - 2015*

Tahun	Bilangan pertubuhan	Nilai output kasar	Nilai input perantaraan	Nilai ditambah	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
Year	Number of establishment	Value of gross output	Value of intermediate input	Value added	Number of persons engaged during December or the last pay period	Salaries & wages paid	Value of fixed assets owned as at the end of the year
		(RM Juta) (RM Million)	(RM Juta) (RM Million)	(RM Juta) (RM Million)		(RM Juta) (RM Million)	(RM Juta) (RM Million)
2015 *	49,101	1,141,963	884,845	257,118	2,119,158	65,495	296,801
2014	37,663	1,011,278	784,633	226,645	2,096,197	61,038	240,029
2012	39,321	908,067	703,834	204,233	1,998,075	50,320	204,924
2010 *	39,669	836,494	665,821	170,673	1,812,360	43,745	210,406
2009	30,607	730,043	591,562	138,481	1,693,154	39,397	195,870
2008	32,585	817,710	660,539	157,170	1,771,331	40,298	201,509
2007	32,584	742,922	600,793	142,129	1,800,353	38,379	182,632
2006	32,046	710,238	580,370	129,868	1,721,433	34,910	193,383
2005 *	28,257	655,520	537,310	118,210	1,675,163	32,767	190,914

**Nota/Note**

\* Merujuk kepada tahun banci  
*Refer to census year*

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantaraan <i>Value of intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Jumlah</b> <i>Total</i>		<b>49,101</b>	<b>1,141,962,723</b>	<b>884,844,630</b>	<b>257,118,094</b>	<b>2,119,158</b>	<b>65,495,282</b>	<b>296,800,506</b>
<b>Pemrosesan dan pengawetan daging</b> <i>Processing and preserving of meat</i>	<b>101</b>	<b>220</b>	<b>5,555,304</b>	<b>4,268,845</b>	<b>1,286,459</b>	<b>13,217</b>	<b>363,760</b>	<b>906,593</b>
<b>Pemrosesan dan pengawetan daging dan pengeluaran produk daging</b> <i>Processing and preserving of meat and production of meat products</i>	10101	96	649,907	458,149	191,758	2,827	68,745	140,855
<b>Pemrosesan dan pengawetan ayam itik dan produk ayam itik</b> <i>Processing and preserving of poultry and poultry products</i>	10102	99	4,724,760	3,669,513	1,055,247	9,797	283,163	750,621
<b>Pengeluaran belulang dan kulit daripada rumah penyembelihan;</b>	10103	25	180,637	141,183	39,454	593	11,852	15,117
<b>Operasi rumah penyembelihan yang terlibat dalam pembunuhan, pembersihan atau pembungkusan daging</b> <i>Production of hides and skins originating from slaughterhouses; Operation of slaughterhouses engaged in killing, dressing or packing meat</i>	10104							
<b>Pemrosesan dan pengawetan ikan, krustasea dan moluska</b> <i>Processing and preserving of fish, crustaceans and molluscs</i>	<b>102</b>	<b>664</b>	<b>3,531,102</b>	<b>2,779,114</b>	<b>751,988</b>	<b>16,364</b>	<b>301,391</b>	<b>945,402</b>
<b>Pengetinan ikan, krustasea dan moluska</b> <i>Canning of fish, crustaceans and molluscs</i>	10201	47	1,318,803	1,053,034	265,769	3,624	78,873	307,883

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i>  (RM '000)	Nilai input perantara <i>Value of intermediate input</i>  (RM '000)	Nilai ditambah <i>Value added</i>  (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>  (RM '000)
<b>Pemprosesan dan pengawetan ikan, krustasea dan moluska</b> <i>Processing, curing and preserving of fish, crustacean and molluscs</i>	10202	205	1,930,950	1,534,797	396,153	9,360	176,265	497,085
<b>Pengeluaran makanan berasaskan ikan untuk manusia atau haiwan</b> <i>Production of fish meals for human consumption or animal feed</i>	10203	86	135,088	89,010	46,078	1,183	22,961	81,679
<b>Pengeluaran keropok termasuk keropok lekor</b> <i>Production of keropok including keropok lekor</i>	10204	318	123,152	85,400	37,752	2,069	21,132	18,027
<b>Pemprosesan rumpai laut</b> <i>Processing of seaweed</i>	10205	8	23,110	16,873	6,237	128	2,159	40,729
<b>Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran</b> <i>Processing and preserving of fruits and vegetables</i>	<b>103</b>	<b>420</b>	<b>1,218,755</b>	<b>839,502</b>	<b>379,253</b>	<b>8,165</b>	<b>175,709</b>	<b>383,473</b>
<b>Pembuatan produk makanan buah-buahan dan sayur-sayuran</b> <i>Manufacture of fruit and vegetable food products</i>	10301	141	401,403	289,581	111,822	3,110	65,355	126,437
<b>Pembuatan jus buah-buahan dan sayur-sayuran</b> <i>Manufacture of fruit and vegetable juices</i>	10302	71	206,486	146,699	59,786	1,708	40,458	79,515
<b>Pengetinan nanas</b> <i>Pineapple canning</i>	10303	3	37,021	28,229	8,791	292	7,656	4,105
<b>Pembuatan jem, marmalad dan sajian jeli</b> <i>Manufacture of jams, marmalades and table jellies</i>	10304	16	76,438	51,139	25,299	416	8,719	22,134

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i>  (RM '000)	Nilai input perantaraan <i>Value of intermediate input</i>  (RM '000)	Nilai ditambah <i>Value added</i>  (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>  (RM '000)
<b>Pembuatan kacang dan produk kekacang</b> <i>Manufacture of nuts and nut products</i>	10305	48	183,808	134,717	49,091	1,143	26,162	43,762
<b>Pembuatan produk tauhu</b> <i>Manufacture of bean curd products</i>	10306	141	313,600	189,137	124,463	1,496	27,359	107,520
<b>Pembuatan minyak dan lemak sayuran dan haiwan</b> <i>Manufacture of vegetable and animal oils and fats</i>	<b>104</b>	<b>632</b>	<b>136,782,340</b>	<b>122,801,222</b>	<b>13,981,119</b>	<b>74,975</b>	<b>2,402,392</b>	<b>20,601,212</b>
<b>Pembuatan minyak sawit mentah</b> <i>Manufacture of crude palm oil</i>	10401	397	57,833,251	50,526,948	7,306,304	54,028	1,387,337	14,370,282
<b>Pembuatan minyak sawit bertapis</b> <i>Manufacture of refined palm oil</i>	10402	82	61,755,196	56,609,655	5,145,541	12,568	703,490	4,187,118
<b>Pembuatan minyak isirong</b> <i>Manufacture of palm kernel oil</i>	10403	47	8,101,006	7,473,733	627,273	3,331	135,959	1,084,406
<b>Pembuatan minyak sayuran mentah dan bertapis</b> <i>Manufacture of crude and refined vegetable oil</i>	10404	16	1,393,714	1,234,064	159,650	1,214	63,980	430,656
<b>Pembuatan minyak kelapa</b> <i>Manufacture of coconut oil</i>	10405	72	271,502	221,470	50,032	1,277	26,982	66,516
<b>Pembuatan sebatian lemak masakan; Pembuatan minyak dan lemak haiwan</b> <i>Manufacture of compound cooking fats; Manufacture of animal oils and fats</i>	10406 } 10407 }	18	7,427,672	6,735,351	692,321	2,557	84,644	462,233

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri	Kod kumpulan dan industri	Bilangan pertubuhan	Nilai output kasar	Nilai input perantaraan	Nilai ditambah	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
<i>Group and industry description</i>	<i>Group and industry code</i>	<i>Number of establishment</i>	<i>Value of gross output</i>	<i>Value of intermediate input</i>	<i>Value added</i>	<i>Number of persons engaged during December or the last pay period</i>	<i>Salaries &amp; wages paid</i>	<i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Pembuatan produk tenusu</b> <i>Manufacture of dairy products</i>	<b>105</b>	<b>136</b>	<b>9,085,893</b>	<b>7,298,377</b>	<b>1,787,516</b>	<b>12,326</b>	<b>501,525</b>	<b>2,575,058</b>
<b>Pembuatan ais krim dan ais lain yang boleh dimakan seperti sorbet</b> <i>Manufacture of ice cream and other edible ice such as sorbet</i>	10501	80	300,940	206,378	94,562	1,917	56,286	106,554
<b>Pembuatan susu pekat, tepung dan sejat</b> <i>Manufacture of condensed, powdered and evaporated milk</i>	10502	21	8,404,986	6,766,859	1,638,128	9,560	426,046	2,409,369
<b>Pembuatan produk tenusu lain t.t.t.l.</b> <i>Manufacture of other dairy products n.e.c.</i>	10509	35	379,967	325,141	54,826	849	19,193	59,134
<b>Pembuatan produk bijian, kanji dan produk berkanji</b> <i>Manufacture of grain mill products, starches and starch products</i>	<b>106</b>	<b>283</b>	<b>6,093,384</b>	<b>5,216,081</b>	<b>877,303</b>	<b>9,112</b>	<b>287,772</b>	<b>1,754,710</b>
<b>Pengilangan beras</b> <i>Rice milling</i>	10611	190	2,710,079	2,375,375	334,703	3,825	98,147	731,923
<b>Pengilangan tepung</b> <i>Flour milling</i>	10613	52	3,104,500	2,606,233	498,267	4,278	165,307	895,795
<b>Pembuatan produk bijian t.t.t.l.</b> <i>Manufacture of grain mill products n.e.c.</i>	10619	13	84,921	68,689	16,232	356	8,967	25,024
<b>Pembuatan kanji dan produk berkanji; Pembuatan glukosa, sirap glukosa, maltosa, inulin</b> <i>Manufacture of starches and starch products; Manufacture of glucose, glucose syrup, maltose, inulin</i>	10621 } 10622 }	8	118,036	106,836	11,200	281	6,972	66,689

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantaraan <i>Value of intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Pembuatan tepung/produk sago dan ubi kayu</b> <i>Manufacture of sago and tapioca flour/products</i>	10623	20	75,848	58,947	16,901	372	8,379	35,279
<b>Pembuatan produk makanan lain</b> <i>Manufacture of other food products</i>	<b>107</b>	<b>5,580</b>	<b>28,546,850</b>	<b>21,561,787</b>	<b>6,985,063</b>	<b>112,290</b>	<b>2,751,864</b>	<b>9,775,452</b>
<b>Pembuatan biskut dan cookies</b> <i>Manufacture of biscuits and cookies</i>	10711	386	1,579,442	1,085,497	493,945	9,940	232,409	1,068,897
<b>Pembuatan roti, kek dan produk bakeri lain</b> <i>Manufacture of bread, cakes and other bakery</i>	10712	2,432	4,717,129	3,346,170	1,370,959	31,889	662,299	1,547,702
<b>Pembuatan produk snek</b> <i>Manufacture of snack products</i>	10713	351	1,302,814	972,936	329,877	7,496	166,184	611,131
<b>Pembuatan produk bakeri yang dibeku</b> <i>Manufacture of frozen bakery products</i>	10714	77	179,799	122,231	57,568	688	11,761	50,369
<b>Pembuatan gula</b> <i>Manufacture of sugar</i>	10721	4	3,639,914	3,196,926	442,988	1,956	96,886	735,209
<b>Pembuatan produk daripada gula</b> <i>Manufacture of sugar products</i>	10722	13	526,151	328,176	197,975	588	25,181	366,801
<b>Pembuatan produk koko</b> <i>Manufacture of cocoa products</i>	10731	21	3,654,529	3,029,440	625,089	2,838	107,618	750,694
<b>Pembuatan coklat dan produk coklat</b> <i>Manufacture of chocolate and chocolate products</i>	10732	77	1,205,698	804,729	400,969	6,287	181,995	420,717
<b>Pembuatan konfeksi gula</b> <i>Manufacture of sugar confectionery</i>	10733	49	868,700	679,626	189,074	2,356	56,301	423,747

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**

*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantara <i>Value of intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Pembuatan bihun, mi dan produk lain yang berkaitan</b> <i>Manufacture of meehoon, noodles and other related products</i>	10741	392	1,231,865	909,620	322,245	7,781	157,620	536,446
<b>Pembuatan makanan dan hidangan tersedia</b> <i>Manufacture of prepared meals and dishes</i>	10750	290	2,169,099	1,536,327	632,773	8,506	215,232	630,071
<b>Pembuatan kopi</b> <i>Manufacture of coffee</i>	10791	246	1,911,071	1,348,623	562,448	7,748	206,705	702,756
<b>Pembuatan teh</b> <i>Manufacture of tea</i>	10792	33	229,881	166,199	63,683	1,164	26,275	79,691
<b>Pembuatan sos dan bahan perasa</b> <i>Manufacture of sauces and condiments</i>	10793	335	1,875,793	1,399,521	476,272	7,880	229,766	561,884
<b>Pembuatan rempah ratus dan serbuk kari</b> <i>Manufacture of spices and curry powder</i>	10794	205	1,078,100	827,714	250,386	4,884	132,491	582,429
<b>Pembuatan produk berasaskan telur</b> <i>Manufacture of egg products</i>	10795	17	87,635	67,985	19,650	433	9,487	12,306
<b>Pembuatan produk makanan lain t.t.t.l.</b> <i>Manufacture of other food products n.e.c.</i>	10799	652	2,289,230	1,740,068	549,162	9,856	233,655	694,600
<b>Pembuatan makanan haiwan tersedia</b> <i>Manufacture of prepared animal feeds</i>	<b>108</b>	<b>128</b>	<b>8,986,032</b>	<b>7,208,415</b>	<b>1,777,617</b>	<b>10,459</b>	<b>408,723</b>	<b>1,005,928</b>
<b>Pembuatan makanan haiwan tersedia</b> <i>Manufacture of prepared animal feeds</i>	10800	128	8,986,032	7,208,415	1,777,617	10,459	408,723	1,005,928

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of 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>	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Pembuatan minuman</b> <i>Manufacture of beverages</i>	<b>110</b>	<b>432</b>	<b>9,213,259</b>	<b>6,774,476</b>	<b>2,438,784</b>	<b>14,792</b>	<b>436,755</b>	<b>2,694,123</b>
<b>Penyulingan, pembersihan dan pencampuran spirit</b> <i>Distilling, rectifying and blending of spirits</i>	11010	29	243,115	169,851	73,264	434	16,344	94,077
<b>Pembuatan wain</b> <i>Manufacture of wines</i>	11020	26	131,069	84,663	46,405	444	11,343	84,569
<b>Pembuatan minuman keras malt dan malt</b> <i>Manufacture of malt liquors and malt</i>	11030	7	2,028,431	1,361,921	666,510	556	31,208	550,062
<b>Pembuatan minuman ringan</b> <i>Manufacture of soft drinks</i>	11041	243	5,977,226	4,553,442	1,423,785	9,332	281,035	1,587,489
<b>Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan</b> <i>Production of natural mineral water and other bottled water</i>	11042	127	833,418	604,599	228,820	4,026	96,825	377,926
<b>Pembuatan produk tembakau</b> <i>Manufacture of tobacco products</i>	<b>120</b>	<b>26</b>	<b>4,203,222</b>	<b>2,258,339</b>	<b>1,944,883</b>	<b>2,179</b>	<b>111,503</b>	<b>438,571</b>
<b>Pembuatan produk tembakau</b> <i>Manufacture of tobacco products</i>	12000	26	4,203,222	2,258,339	1,944,883	2,179	111,503	438,571
<b>Pemintalan, penenunan dan penyiapan tekstil</b> <i>Spinning, weaving and finishing of textiles</i>	<b>131</b>	<b>490</b>	<b>6,042,225</b>	<b>4,521,150</b>	<b>1,521,075</b>	<b>15,033</b>	<b>354,686</b>	<b>2,043,042</b>
<b>Penyediaan dan pemintalan gentian tekstil</b> <i>Preparation and spinning of textile fibres</i>	13110	82	971,185	709,826	261,359	3,763	90,509	652,476

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**

*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri	Kod kumpulan dan industri	Bilangan pertubuhan	Nilai output kasar	Nilai input perantaraan	Nilai ditambah	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
<i>Group and industry description</i>	<i>Group and industry code</i>	<i>Number of establishment</i>	<i>Value of gross output</i>	<i>Value of intermediate input</i>	<i>Value added</i>	<i>Number of persons engaged during December or the last pay period</i>	<i>Salaries &amp; wages paid</i>	<i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Penunuan tekstil</b> <i>Weaving of textiles</i>	13120	162	3,662,323	2,834,954	827,369	5,612	129,669	780,993
<b>Membuat batik</b> <i>Batik making</i>	13131	179	96,137	63,133	33,004	1,366	15,766	28,374
<b>Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik</b> <i>Dyeing, bleaching, printing and finishing of yarns and fabrics</i>	13132	67	1,312,580	913,237	399,343	4,292	118,742	581,199
<b>Pembuatan tekstil lain</b> <i>Manufacture of other textiles</i>	<b>139</b>	<b>734</b>	<b>2,670,427</b>	<b>2,019,331</b>	<b>651,096</b>	<b>14,848</b>	<b>317,103</b>	<b>1,924,300</b>
<b>Pembuatan fabrik dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted fabrics</i>	13910	56	1,248,673	1,015,028	233,646	4,471	103,926	1,506,531
<b>Pembuatan artikel tersedia bagi bahan tekstil seumpamanya, termasuk fabrik dikait atau dikrusye</b> <i>Manufacture of made-up articles of any textile materials, including of knitted or crocheted fabrics</i>	13921	60	134,099	86,032	48,067	1,011	22,018	42,686
<b>Pembuatan artikel perhiasan tersedia</b> <i>Manufacture of made-up furnishing articles</i>	13922	392	481,508	326,941	154,566	4,145	84,096	115,574
<b>Pembuatan permaidani dan hamparan</b> <i>Manufacture of carpets and rugs</i>	13930	30	258,007	184,791	73,216	2,208	40,398	76,282
<b>Pembuatan bagi tali-temali, tali, tali pintal dan jaring</b> <i>Manufacture of cordage, rope, twine and netting</i>	13940	21	190,123	147,025	43,098	902	18,291	54,806

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of 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>	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Pembuatan tekstil lain t.t.t.l.</b> <i>Manufacture of other textiles n.e.c.</i>	13990	175	358,017	259,514	98,503	2,111	48,375	128,421
<b>Pembuatan pakaian, kecuali pakaian berbulu</b> <i>Manufacture of wearing apparel, except fur apparel</i>	<b>141</b>	<b>7,474</b>	<b>7,222,553</b>	<b>5,019,696</b>	<b>2,202,857</b>	<b>59,628</b>	<b>1,047,071</b>	<b>1,456,799</b>
<b>Pembuatan pakaian spesifik</b> <i>Manufacture of specific wearing apparel</i>	14101	221	312,300	202,069	110,232	3,063	57,971	75,895
<b>Pembuatan pakaian</b> <i>Manufacture of clothings</i>	14102	874	6,012,333	4,295,332	1,717,001	39,724	807,844	1,121,269
<b>Jahitan pakaian tempahan</b> <i>Custom tailoring</i>	14103	6,279	736,500	411,622	324,878	15,714	154,684	203,650
<b>Pembuatan aksesori pakaian lain</b> <i>Manufacture of other clothing accessories</i>	14109	100	161,420	110,673	50,746	1,127	26,572	55,985
<b>Pembuatan artikel bulu</b> <i>Manufacture of articles of fur</i>	<b>142</b>	<b>6</b>	<b>53,304</b>	<b>37,711</b>	<b>15,592</b>	<b>321</b>	<b>6,456</b>	<b>120,195</b>
<b>Pembuatan artikel daripada kulit bulu</b> <i>Manufacture of articles made of fur skins</i>	14200	6	53,304	37,711	15,592	321	6,456	120,195
<b>Pembuatan pakaian yang dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted apparel</i>	<b>143</b>	<b>32</b>	<b>277,822</b>	<b>225,333</b>	<b>52,490</b>	<b>1,583</b>	<b>29,329</b>	<b>49,722</b>
<b>Pembuatan pakaian yang dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted apparel</i>	14300	32	277,822	225,333	52,490	1,583	29,329	49,722

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri	Kod kumpulan dan industri	Bilangan pertubuhan	Nilai output kasar	Nilai input perantaraan	Nilai ditambah	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
<i>Group and industry description</i>	<i>Group and industry code</i>	<i>Number of establishment</i>	<i>Value of gross output</i>	<i>Value of intermediate input</i>	<i>Value added</i>	<i>Number of persons engaged during December or the last pay period</i>	<i>Salaries &amp; wages paid</i>	<i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Penyamakan dan pembersihan kulit; pembuatan bagasi, beg tangan, pelana dan abah-abah; pembersihan dan pewarnaan bulu</b> <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	<b>151</b>	<b>107</b>	<b>888,082</b>	<b>662,645</b>	<b>225,437</b>	<b>4,495</b>	<b>111,892</b>	<b>157,670</b>
57 <b>Penyamakan dan pembersihan kulit; pembersihan dan pewarnaan bulu</b> <i>Tanning and dressing of leather; dressing and dyeing of fur</i>	15110	6	66,761	39,411	27,351	300	6,716	12,133
<b>Pembuatan bagasi, beg tangan dan seumpamanya, pelana dan abah-abah</b> <i>Manufacture of luggage, handbags and the like, saddlery and harness</i>	15120	101	821,321	623,235	198,087	4,195	105,176	145,537
<b>Pembuatan kasut</b> <i>Manufacture of footwear</i>	<b>152</b>	<b>268</b>	<b>1,009,616</b>	<b>677,370</b>	<b>332,246</b>	<b>6,335</b>	<b>170,844</b>	<b>224,203</b>
<b>Pembuatan kasut kulit</b> <i>Manufacture of leather footwear</i>	15201	114	255,791	186,985	68,806	2,193	45,630	80,331
<b>Pembuatan kasut plastik</b> <i>Manufacture of plastic footwear</i>	15202	49	127,883	82,311	45,572	1,223	26,269	35,113
<b>Pembuatan kasut getah</b> <i>Manufacture of rubber footwear</i>	15203	47	451,471	296,510	154,961	1,507	69,953	58,305
<b>Pembuatan kasut lain t.t.t.l.</b> <i>Manufacture of other footwear n.e.c.</i>	15209	58	174,471	111,564	62,907	1,412	28,992	50,453

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of 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>	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Pengilangan dan pengetaman kayu</b> <i>Sawmilling and planning of wood</i>	<b>161</b>	<b>657</b>	<b>5,726,243</b>	<b>4,415,867</b>	<b>1,310,376</b>	<b>30,060</b>	<b>642,243</b>	<b>1,379,201</b>
<b>Pengilangan dan pengetaman kayu</b> <i>Sawmilling and planning of wood</i>	16100	657	5,726,243	4,415,867	1,310,376	30,060	642,243	1,379,201
<b>Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain</b> <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	<b>162</b>	<b>1,137</b>	<b>17,327,118</b>	<b>13,216,041</b>	<b>4,111,076</b>	<b>73,055</b>	<b>1,644,617</b>	<b>6,241,371</b>
<b>Pembuatan kepingan venier dan papan lapis</b> <i>Manufacture of veneer sheets and plywood</i>	16211	172	9,413,177	7,283,800	2,129,376	44,512	911,793	2,969,972
<b>Pembuatan papan partikel dan papan gentian</b> <i>Manufacture of particle board and fibreboard</i>	16212	51	4,403,654	3,445,538	958,116	6,990	212,324	2,046,974
<b>Pertukangan kayu untuk jurubina</b> <i>Manufacture of builders' carpentry</i>	16221	315	1,886,093	1,367,646	518,447	10,538	274,904	661,982
<b>Pembuatan produk tanggam kayu</b> <i>Manufacture of joinery wood products</i>	16222	37	145,025	99,010	46,014	879	21,770	47,589
<b>Pembuatan bekas kayu</b> <i>Manufacture of wooden containers</i>	16230	164	666,530	458,062	208,468	4,254	105,160	175,255
<b>Pembuatan kayu arang</b> <i>Manufacture of wood charcoal</i>	16291	88	170,192	105,445	64,747	1,628	28,480	83,477
<b>Pembuatan produk kayu lain, rotan, artikel gabus, jerami dan bahan jalinan</b> <i>Manufacture of other products of wood, cane, articles of cork, straw and plaiting materials</i>	16292	310	642,447	456,539	185,909	4,254	90,186	256,122

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**

*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri	Kod kumpulan dan industri	Bilangan pertubuhan	Nilai output kasar	Nilai input perantara	Nilai ditambah	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
<i>Group and industry description</i>	<i>Group and industry code</i>	<i>Number of establishment</i>	<i>Value of gross output</i>	<i>Value of intermediate input</i>	<i>Value added</i>	<i>Number of persons engaged during December or the last pay period</i>	<i>Salaries &amp; wages paid</i>	<i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Pembuatan kertas dan produk kertas</b> <i>Manufacture of paper and paper products</i>	<b>170</b>	<b>936</b>	<b>16,885,500</b>	<b>12,540,531</b>	<b>4,344,968</b>	<b>53,730</b>	<b>1,560,879</b>	<b>7,249,827</b>
<b>Pembuatan pulpa, kertas dan kertas tebal</b> <i>Manufacture of pulp, paper and paperboard</i>	17010	157	3,723,085	2,819,670	903,414	8,120	258,799	2,382,951
<b>Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal</b> <i>Manufacture of corrugated paper and paperboard and of containers of paper and paperboard</i>	17020	281	6,795,411	5,084,542	1,710,868	23,701	703,430	2,746,988
<b>Pembuatan sampul surat dan kad surat</b> <i>Manufacture of envelopes and letter-card</i>	17091	31	362,603	211,461	151,142	1,734	52,273	172,441
<b>Pembuatan kertas kegunaan rumah dan pembersih peribadi</b> <i>Manufacture of household and personal hygiene paper</i>	17092	57	3,143,885	2,333,832	810,053	8,528	234,740	1,086,249
<b>Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding</b> <i>Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper</i>	17093	213	1,636,850	1,217,691	419,159	6,151	186,144	495,455
<b>Pembuatan patung, barangan kertas upacara pengebumian, kertas colok</b> <i>Manufacture of effigies, funeral paper goods, joss papers</i>	17094	76	221,777	175,449	46,328	988	21,438	62,566
<b>Pembuatan barang kertas dan kertas tebal lain yang t.t.t.l.</b> <i>Manufacture of other articles of paper and paperboard, n.e.c.</i>	17099	121	1,001,888	697,885	304,003	4,508	104,056	303,177

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of 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>	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Percetakan dan aktiviti perkhidmatan berkaitan percetakan</b> <i>Printing and service activities related to printing</i>	<b>181</b>	<b>3,192</b>	<b>9,926,983</b>	<b>6,449,876</b>	<b>3,477,107</b>	<b>56,651</b>	<b>1,528,460</b>	<b>3,922,806</b>
<b>Percetakan</b> <i>Printing</i>	18110	2,343	7,875,363	5,123,684	2,751,679	43,709	1,210,981	3,156,135
<b>Aktiviti perkhidmatan berkaitan percetakan</b> <i>Service activities related to printing</i>	18120	849	2,051,620	1,326,192	725,428	12,942	317,479	766,671
<b>Penerbitan semula media rakaman</b> <i>Reproduction of recorded media</i>	<b>182</b>	<b>21</b>	<b>43,580</b>	<b>29,056</b>	<b>14,524</b>	<b>288</b>	<b>7,569</b>	<b>18,450</b>
<b>Penerbitan semula media rakaman</b> <i>Reproduction of recorded media</i>	18200	21	43,580	29,056	14,524	288	7,569	18,450
<b>Pembuatan produk petroleum bertapis</b> <i>Manufacture of refined petroleum products</i>	<b>192</b>	<b>124</b>	<b>137,901,958</b>	<b>102,660,928</b>	<b>35,241,030</b>	<b>16,939</b>	<b>1,328,148</b>	<b>29,911,390</b>
<b>Pembuatan produk petroleum bertapis</b> <i>Manufacture of refined petroleum products</i>	19201	99	135,016,749	100,135,725	34,881,024	13,744	1,204,809	29,391,887
<b>Pembuatan produk bio-diesel</b> <i>Manufacture of bio-diesel products</i>	19202	25	2,885,209	2,525,203	360,005	3,195	123,338	519,503
<b>Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer</b> <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	<b>201</b>	<b>607</b>	<b>72,604,643</b>	<b>53,911,397</b>	<b>18,693,246</b>	<b>51,814</b>	<b>2,354,407</b>	<b>33,231,471</b>

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantaraan <i>Value of intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat</b> <i>Manufacture of liquefied or compressed inorganic industrial or medical gases</i>	20111	38	7,243,174	3,302,761	3,940,412	10,656	359,464	3,472,446
<b>Pembuatan kimia organik asas</b> <i>Manufacture of basic organic chemicals</i>	20112	64	29,009,453	21,461,899	7,547,554	9,206	600,819	12,534,753
<b>Pembuatan sebatian bukan organik</b> <i>Manufacture of inorganic compounds</i>	20113	58	4,329,320	3,226,744	1,102,576	5,252	272,129	7,395,614
<b>Pembuatan kimia asas lain t.t.t.l.</b> <i>Manufacture of others basic chemicals n.e.c.</i>	20119	38	1,302,116	1,066,604	235,512	2,009	69,972	292,618
<b>Pembuatan baja</b> <i>Manufacture of fertilizers</i>	20121	153	5,226,969	3,810,054	1,416,915	9,004	390,439	2,779,145
<b>Pembuatan produk campuran nitrogen</b> <i>Manufacture of associated nitrogen products</i>	20129	9	65,067	26,630	38,437	180	4,719	8,845
<b>Pembuatan plastik dalam bentuk primer; Pembuatan getah sintetik dalam bentuk primer; getah sintetik, tiruan</b> <i>Manufacture of plastics in primary forms; Manufacture of mixtures of synthetic rubber in primary forms: synthetic rubber, factice</i>	20131 } 20132 }	247	25,428,544	21,016,705	4,411,839	15,507	656,865	6,748,050
<b>Pembuatan produk kimia lain</b> <i>Manufacture of other chemical products</i>	<b>202</b>	<b>854</b>	<b>18,821,151</b>	<b>13,612,677</b>	<b>5,208,474</b>	<b>49,142</b>	<b>1,679,141</b>	<b>5,031,614</b>
<b>Pembuatan racun perosak dan produk agrokimia lain</b> <i>Manufacture of pesticides and other agrochemical products</i>	20210	43	1,620,923	1,095,355	525,569	3,158	96,594	364,170

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**

*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i>  (RM '000)	Nilai input perantara <i>Value of intermediate input</i>  (RM '000)	Nilai ditambah <i>Value added</i>  (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>  (RM '000)
<b>Pembuatan cat, varnis dan penyadur dan mastik</b> <i>Manufacture of paints, varnishes and similar coatings ink and mastics</i>	20221	214	4,398,754	3,171,991	1,226,764	10,000	378,026	961,859
<b>Pembuatan dakwat cetak</b> <i>Manufacture of printing ink</i>	20222	37	1,342,009	972,198	369,811	3,648	159,098	434,647
<b>Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilat</b> <i>Manufacture of soap and detergents, cleaning and polishing preparations</i>	20231	166	3,730,283	2,855,519	874,764	6,459	185,019	436,377
<b>Pembuatan pewangi dan penyediaan dandanan diri</b> <i>Manufacture of perfumes and toilet preparations</i>	20232	124	1,969,336	1,386,780	582,556	11,479	410,417	1,618,683
<b>Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials; Pembuatan dakwat menulis dan melukis</b> <i>Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials; Manufacture of writing and drawing ink</i>	20291	36	90,132	64,735	25,396	406	11,211	19,839
	20292							
<b>Pembuatan produk kimia lain t.t.t.l.</b> <i>Manufacture of other chemical products n.e.c.</i>	20299	234	5,669,714	4,066,100	1,603,614	13,992	438,775	1,196,038
<b>Pembuatan serat buatan manusia</b> <i>Manufacture of man-made fibres</i>	<b>203</b>	<b>12</b>	<b>494,109</b>	<b>403,356</b>	<b>90,753</b>	<b>495</b>	<b>18,838</b>	<b>403,928</b>
<b>Pembuatan serat buatan manusia</b> <i>Manufacture of man-made fibres</i>	20300	12	494,109	403,356	90,753	495	18,838	403,928

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri	Kod kumpulan dan industri	Bilangan pertubuhan	Nilai output kasar	Nilai input perantaraan	Nilai ditambah	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
<i>Group and industry description</i>	<i>Group and industry code</i>	<i>Number of establishment</i>	<i>Value of gross output</i>	<i>Value of intermediate input</i>	<i>Value added</i>	<i>Number of persons engaged during December or the last pay period</i>	<i>Salaries &amp; wages paid</i>	<i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Pembuatan produk farmaseutikal, kimia perubatan dan botani</b> <i>Manufacture of pharmaceuticals, medicinal chemical and botanical products</i>	<b>210</b>	<b>371</b>	<b>4,121,332</b>	<b>2,662,293</b>	<b>1,459,040</b>	<b>17,335</b>	<b>535,180</b>	<b>1,771,224</b>
<b>Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan</b> <i>Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments</i>	21001	170	3,116,373	1,989,744	1,126,629	12,501	415,750	1,302,747
<b>Pembuatan ubat-ubatan</b> <i>Manufacture of medicaments</i>	21003	85	273,875	184,964	88,911	1,580	38,692	124,593
<b>Pembuatan penyediaan diagnosis perubatan; Pembuatan bahan diagnosis in-vivo radioaktif</b> <i>Manufacture of medical diagnostic preparation; Manufacture of radioactive in-vivo diagnostic substances</i>	21005 21006	4	33,260	15,186	18,074	89	5,546	28,305
<b>Pembuatan farmaseutikal bioteknologi</b> <i>Manufacture of biotech pharmaceuticals</i>	21007	25	139,899	97,487	42,412	714	20,729	185,501
<b>Pembuatan produk farmaseutikal, kimia perubatan dan botani t.t.t.l.</b> <i>Manufacture of other pharmaceuticals, medicinal chemical and botanical products n.e.c.</i>	21009	87	557,925	374,912	183,013	2,451	54,462	130,078
<b>Pembuatan produk getah</b> <i>Manufacture of rubber products</i>	<b>221</b>	<b>670</b>	<b>33,981,752</b>	<b>25,617,052</b>	<b>8,364,700</b>	<b>104,285</b>	<b>2,744,720</b>	<b>10,966,188</b>

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**

*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of 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>	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Pembuatan tayar getah untuk kenderaan</b> <i>Manufacture of rubber tyres for vehicles</i>	22111	53	3,183,739	2,524,941	658,798	7,360	299,641	1,510,818
<b>Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup</b> <i>Manufacture of interchangeable tyre treads and retreading rubber tyres</i>	22112	57	474,025	329,320	144,705	2,289	57,959	135,522
<b>Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan</b> <i>Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened</i>	22191	93	4,247,031	3,390,149	856,882	9,230	270,158	1,575,991
<b>Pembuatan sarung tangan getah</b> <i>Manufacture of rubber gloves</i>	22192	107	14,916,159	10,544,199	4,371,961	53,699	1,288,960	5,743,711
<b>Pengilangan semula getah dan prosesan susu getah</b> <i>Rubber remilling and latex processing</i>	22193	68	7,167,825	6,246,827	920,998	5,475	129,848	587,944
<b>Pembuatan produk getah lain yang t.t.t.l.</b> <i>Manufacture of other rubber products n.e.c.</i>	22199	292	3,992,972	2,581,617	1,411,355	26,232	698,153	1,412,202
<b>Pembuatan produk plastik</b> <i>Manufacture of plastic products</i>	<b>222</b>	<b>1,958</b>	<b>31,188,698</b>	<b>22,660,476</b>	<b>8,528,222</b>	<b>136,074</b>	<b>3,930,145</b>	<b>10,572,577</b>
<b>Pembuatan produk plastik separa siap</b> <i>Manufacture of semi-manufactures of plastic products</i>	22201	209	5,669,620	4,306,239	1,363,381	14,102	669,973	2,071,412
<b>Pembuatan produk plastik siap</b> <i>Manufacture of finished plastic products</i>	22202	208	2,487,342	1,834,334	653,007	9,255	267,095	933,557

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantaraan <i>Value of intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Pembuatan artikel plastik untuk pembungkusan barangan</b> <i>Manufacture of plastic articles for the packing of goods</i>	22203	658	8,695,821	6,342,895	2,352,926	38,228	995,840	3,188,995
<b>Pembuatan barangan plastik jurubina</b> <i>Manufacture of builders' plastics ware</i>	22204	79	965,490	683,653	281,838	3,556	93,161	332,881
<b>Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik</b> <i>Manufacture of plastic tableware, kitchenware and toilet articles</i>	22205	186	2,403,776	1,769,563	634,212	12,705	308,259	724,012
<b>Pembuatan pelbagai produk plastik t.t.t.l.</b> <i>Manufacture of diverse plastic products n.e.c.</i>	22209	618	10,966,648	7,723,791	3,242,857	58,228	1,595,817	3,321,720
<b>Pembuatan kaca dan produk kaca</b> <i>Manufacture of glass and glass products</i>	<b>231</b>	<b>432</b>	<b>5,063,338</b>	<b>3,619,051</b>	<b>1,444,287</b>	<b>15,014</b>	<b>525,224</b>	<b>3,026,068</b>
<b>Pembuatan kaca leper, termasuk kaca leper berdawai, berwarna atau sedikit berwarna; Pembuatan barangan kaca makmal, barangan kesihatan atau farmaseutikal</b> <i>Manufacture of flat glass, including wired, coloured or tinted flat glass; Manufacture of laborator, hygienic or pharmaceutical glassware</i>	23101 } 23102 }	173	1,735,320	1,153,423	581,897	5,508	195,489	561,081
<b>Pembuatan produk kaca lain t.t.t.l.</b> <i>Manufacture of other glass products n.e.c.</i>	23109	259	3,328,017	2,465,628	862,390	9,506	329,735	2,464,987
<b>Pembuatan produk mineral bukan logam t.t.t.l.</b> <i>Manufacture of non-metallic mineral products n.e.c.</i>	<b>239</b>	<b>1,640</b>	<b>35,240,604</b>	<b>25,463,521</b>	<b>9,777,083</b>	<b>83,663</b>	<b>2,670,817</b>	<b>13,347,525</b>

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i>  (RM '000)	Nilai input perantaraan <i>Value of intermediate input</i>  (RM '000)	Nilai ditambah <i>Value added</i>  (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>  (RM '000)
<b>Pembuatan mortar refraktori dan konkrit</b> <i>Manufacture of refractory mortars and concretes</i>	23911	13	209,524	160,425	49,098	805	22,801	42,708
<b>Pembuatan barangan seramik refraktori</b> <i>Manufacture of refractory ceramic goods</i>	23912	76	788,423	480,699	307,724	4,246	108,411	553,389
<b>Pembuatan seramik bukan refraktori</b> <i>Manufacture of non-refractory ceramic</i>	23921	118	2,357,821	1,504,931	852,890	12,008	331,076	1,523,282
<b>Pembuatan lain-lain bahan binaan dari tanah liat</b> <i>Manufacture of other clay building materials</i>	23929	36	333,550	251,890	81,660	1,415	31,371	109,817
<b>Pembuatan produk porselin dan seramik lain</b> <i>Manufacture of other porcelain and ceramic products</i>	23930	102	852,444	576,422	276,022	5,230	130,022	330,057
<b>Pembuatan simen hidraulik</b> <i>Manufacture of hydraulic cement</i>	23941	50	10,045,673	7,246,259	2,799,414	7,204	340,022	5,073,618
<b>Pembuatan kapur dan plaster</b> <i>Manufacture of lime and plaster</i>	23942	62	1,057,734	714,509	343,225	2,952	76,017	338,640
<b>Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering</b> <i>Manufacture of ready-mix and dry-mix concrete and mortars</i>	23951	227	7,282,353	5,942,226	1,340,127	15,584	496,904	1,005,180
<b>Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan</b> <i>Manufacture of precast concrete, cement or artificial stone articles for use in construction</i>	23952	374	4,680,704	3,234,949	1,445,755	12,417	386,830	1,674,791

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri	Kod kumpulan dan industri	Bilangan pertubuhan	Nilai output kasar	Nilai input perantaraan	Nilai ditambah	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
<i>Group and industry description</i>	<i>Group and industry code</i>	<i>Number of establishment</i>	<i>Value of gross output</i>	<i>Value of intermediate input</i>	<i>Value added</i>	<i>Number of persons engaged during December or the last pay period</i>	<i>Salaries &amp; wages paid</i>	<i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Pembuatan komponen struktur pasang siap untuk bangunan atau kejuruteraan awam dari simen, batu atau konkrit buatan</b> <i>Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone</i>	23953	182	2,462,049	1,774,569	687,481	6,570	222,290	770,758
<b>Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.</b> <i>Manufacture of other articles of concrete, cement and plaster n.e.c.</i>	23959	124	1,689,820	986,485	703,335	5,793	211,682	1,157,377
<b>Pemotongan, pembentukan dan penyiapan batu</b> <i>Cutting, shaping and finishing of stone</i>	23960	121	393,574	280,251	113,323	1,804	45,723	161,368
<b>Pembuatan produk mineral bukan logam lain t.t.t.l.</b> <i>Manufacture of other non-metallic mineral products n.e.c.</i>	23990	155	3,086,936	2,309,907	777,029	7,635	267,669	606,541
<b>Pembuatan besi asas dan keluli</b> <i>Manufacture of basic iron and steel</i>	<b>241</b>	<b>798</b>	<b>25,633,501</b>	<b>20,093,379</b>	<b>5,540,122</b>	<b>49,895</b>	<b>1,726,863</b>	<b>16,431,218</b>
<b>Pengeluaran jongkong besi dan spiegeleisen dalam bentuk jongkong, blok atau dalam bentuk asal lain</b> <i>Production of pig iron and spiegeleisen in pigs, blocks or other primary forms</i>	24101	188	3,629,898	2,748,527	881,371	6,909	244,771	3,022,960
<b>Pembuatan batang dan rod keluli tahan karat atau keluli aloi lain</b> <i>Production of bars and rods of stainless steel or other alloy steel</i>	24102	192	15,390,580	12,424,472	2,966,109	21,885	815,461	9,866,104

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri	Kod kumpulan dan industri	Bilangan pertubuhan	Nilai output kasar	Nilai input perantara	Nilai ditambah	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
<i>Group and industry description</i>	<i>Group and industry code</i>	<i>Number of establishment</i>	<i>Value of gross output</i>	<i>Value of intermediate input</i>	<i>Value added</i>	<i>Number of persons engaged during December or the last pay period</i>	<i>Salaries &amp; wages paid</i>	<i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Pembuatan tiub tidak berkelim, dengan penggelekan, picitan atau tempaan panas, atau dengan tempaan atau penggelekan sejuk;</b>	24103	74	1,766,272	1,300,989	465,283	7,215	196,604	709,684
<b>Pembuatan kelengkapan tiub keluli</b>	24104							
<i>Manufacture of seamless tubes, by hot rolling, hot extrusion or hot drawing, or by cold drawing or cold rolling;</i>								
<i>Manufacture of steel tube fittings</i>								
<b>Pembuatan produk besi asas dan keluli lain t.t.t.l.</b>	24109	344	4,846,750	3,619,391	1,227,359	13,886	470,028	2,832,470
<i>Manufacture of other basic iron and steel products n.e.c.</i>								
<b>Pembuatan logam asas berharga dan logam bukan ferus lain</b>	<b>242</b>	<b>421</b>	<b>14,213,998</b>	<b>11,540,929</b>	<b>2,673,069</b>	<b>33,824</b>	<b>1,069,554</b>	<b>7,554,355</b>
<i>Manufacture of basic precious and other non-ferrous</i>								
<b>Peleburan timah;</b>	24201	233	8,716,140	6,982,921	1,733,219	22,499	700,951	6,006,944
<b>Pengeluaran aluminium daripada alumina</b>	24202							
<i>Tin smelting;</i>								
<i>Production of aluminium from alumina</i>								
<b>Pembuatan logam asas berharga dan logam bukan ferus lain t.t.t.l.</b>	24209	188	5,497,858	4,558,008	939,850	11,325	368,604	1,547,411
<i>Manufacture of other basic precious and other non-ferrous metals n.e.c.</i>								
<b>Pengacuan logam</b>	<b>243</b>	<b>338</b>	<b>2,245,223</b>	<b>1,610,145</b>	<b>635,079</b>	<b>13,556</b>	<b>361,560</b>	<b>1,117,614</b>
<i>Casting of metals</i>								
<b>Pengacuan besi</b>	24311	197	1,083,501	796,466	287,034	5,871	154,045	579,238
<i>Casting of iron</i>								

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**

*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri	Kod kumpulan dan industri	Bilangan pertubuhan	Nilai output kasar	Nilai input perantara	Nilai ditambah	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
<i>Group and industry description</i>	<i>Group and industry code</i>	<i>Number of establishment</i>	<i>Value of gross output</i>	<i>Value of intermediate input</i>	<i>Value added</i>	<i>Number of persons engaged during December or the last pay period</i>	<i>Salaries &amp; wages paid</i>	<i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Pengacuan keluli</b> <i>Casting of steel</i>	24312	64	568,707	436,918	131,789	2,591	77,458	260,444
<b>Pengacuan logam bukan ferus</b> <i>Casting of non-ferrous metals</i>	24320	77	593,016	376,760	216,255	5,094	130,056	277,931
<b>Pembuatan produk struktur logam, tangki, takungan dan penjana wap;</b> <b>Pembuatan senjata dan peluru</b> <i>Manufacture of structural metal products, tanks, reservoirs and steam generators;</i> <i>Manufacture of weapons and ammunition</i>	251 252	3,232	18,797,483	13,571,480	5,226,003	50,645	1,259,803	3,524,193
<b>Pembuatan kerangka kerja perindustrian daripada logam</b> <i>Manufacture of industrial frameworks in metal</i>	25111	105	1,411,349	977,347	434,002	4,171	113,263	230,566
<b>Pembuatan bangunan pasang siap terutamanya daripada logam</b> <i>Manufacture of prefabricated buildings mainly of metal</i>	25112	26	262,399	187,144	75,255	488	12,018	19,114
<b>Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam</b> <i>Manufacture of metal doors, windows and their frames, shutters and gates</i>	25113	2,053	3,548,769	2,354,966	1,193,803	17,046	331,823	636,533
<b>Pembuatan produk struktur logam lain</b> <i>Manufacture of other structural metal products</i>	25119	905	7,918,760	5,896,479	2,022,281	19,069	497,134	1,756,468
<b>Pembuatan tangki, takungan dan kontena daripada logam</b> <i>Manufacture of tanks, reservoirs and containers of metal</i>	25120	131	4,339,842	3,171,799	1,168,043	7,620	238,351	788,457

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**

*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri	Kod kumpulan dan industri	Bilangan pertubuhan	Nilai output kasar	Nilai input perantaraan	Nilai ditambah	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
<i>Group and industry description</i>	<i>Group and industry code</i>	<i>Number of establishment</i>	<i>Value of gross output</i>	<i>Value of intermediate input</i>	<i>Value added</i>	<i>Number of persons engaged during December or the last pay period</i>	<i>Salaries &amp; wages paid</i>	<i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Pembuatan penjana wap, kecuali dandang pemanasan air berpusat; Pembuatan senjata dan peluru</b>	25130 } 25200 }	12	1,316,363	983,745	332,619	2,251	67,214	93,055
<i>Manufacture of steam generators, except central heating hot water boilers; Manufacture of weapons and ammunition</i>								
<b>Pembuatan produk lain yang direka daripada logam; aktiviti perkhidmatan kerja logam</b>	<b>259</b>	<b>2,144</b>	<b>33,622,993</b>	<b>24,567,498</b>	<b>9,055,495</b>	<b>85,461</b>	<b>2,404,513</b>	<b>8,624,245</b>
<i>Manufacture of other fabricated metal products; metal working service activities</i>								
<b>Tempaan, tekanan, hentakan dan bentuk gelean logam; serbuk metalurgi</b>	25910	194	4,261,255	3,043,488	1,217,767	17,012	445,200	1,278,675
<i>Forging, pressing, stamping and roll-forming of metal; powder metallurgy</i>								
<b>Rawatan dan penyalutan logam; menggunakan mesin</b>	25920	277	2,693,436	1,756,912	936,525	9,567	252,130	528,976
<i>Treatment and coating of metals; machining</i>								
<b>Pembuatan kutleri, alatan pertukangan tangan dan perkakasan am</b>	25930	463	2,721,696	1,822,068	899,628	10,139	242,418	551,074
<i>Manufacture of cutlery, hand tools and general hardware</i>								
<b>Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat</b>	25991	138	6,171,334	4,608,821	1,562,512	7,946	276,468	1,364,623
<i>Manufacture of tins and cans for food products, collapsible tubes and boxes</i>								

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i>  (RM '000)	Nilai input perantaraan <i>Value of intermediate input</i>  (RM '000)	Nilai ditambah <i>Value added</i>  (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>  (RM '000)
<b>Pembuatan kabel, <i>plaited bands</i> (jalur/pita berpintal) dan artikel seumpamanya daripada logam</b> <i>Manufacture of metal cable, plaited bands and similar articles</i>	25992	153	6,864,252	5,554,409	1,309,843	9,257	325,066	2,501,382
<b>Pembuatan bolt, skru, nat dan produk uliran seumpamanya</b> <i>Manufacture of bolts, screws, nuts and similar threaded products</i>	25993	200	3,902,332	2,747,915	1,154,417	10,023	269,768	677,593
<b>Pembuatan barangan rumah daripada logam</b> <i>Manufacture of metal household articles</i>	25994	99	700,654	437,680	262,974	3,049	79,473	238,827
<b>Pembuatan produk lain yang direka daripada logam t.t.t.l.</b> <i>Manufacture of any other fabricated metal products n.e.c.</i>	25999	620	6,308,034	4,596,206	1,711,829	18,468	513,989	1,483,096
<b>Pembuatan komponen dan papan elektronik</b> <i>Manufacture of electronic components and boards</i>	<b>261</b>	<b>509</b>	<b>146,046,376</b>	<b>117,109,522</b>	<b>28,936,854</b>	<b>194,101</b>	<b>7,664,979</b>	<b>29,894,869</b>
<b>Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya</b> <i>Manufacture of diodes, transistors and similar semiconductor devices</i>	26101	180	60,903,226	48,655,784	12,247,442	77,394	3,556,910	19,091,906
<b>Pembuatan litar elektronik bersepadu dengan pemasangan mikro</b> <i>Manufacture of electronic integrated circuits micro assemblies</i>	26102	69	31,779,976	25,164,740	6,615,237	35,764	1,375,701	4,835,319
<b>Pembuatan kapasitor dan perintang elektrik</b> <i>Manufacture of electrical capacitors and resistors</i>	26103	44	3,341,178	2,231,109	1,110,069	12,040	377,283	914,631

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i>  (RM '000)	Nilai input perantaraan <i>Value of intermediate input</i>  (RM '000)	Nilai ditambah <i>Value added</i>  (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>  (RM '000)
<b>Pembuatan papan litar bercetak</b> <i>Manufacture of printed circuit boards</i>	26104	98	46,269,439	38,036,301	8,233,139	58,696	2,089,298	4,720,516
<b>Pembuatan komponen paparan</b> <i>Manufacture of display components</i>	26105	11	152,664	125,515	27,150	645	18,687	21,574
<b>Pembuatan komponen lain untuk aplikasi elektronik</b> <i>Manufacture of other components for electronic applications</i>	26109	107	3,599,892	2,896,075	703,818	9,562	247,100	310,924
<b>Pembuatan komputer dan kelengkapan peranti</b> <i>Manufacture of computers and peripheral equipment</i>	<b>262</b>	<b>108</b>	<b>36,358,401</b>	<b>29,520,841</b>	<b>6,837,560</b>	<b>61,624</b>	<b>2,179,575</b>	<b>4,249,613</b>
<b>Pembuatan komputer</b> <i>Manufacture of computers</i>	26201	47	11,593,314	9,121,916	2,471,398	21,036	630,245	1,348,161
<b>Pembuatan kelengkapan peranti</b> <i>Manufacture of peripheral equipment</i>	26202	61	24,765,087	20,398,925	4,366,162	40,588	1,549,330	2,901,451
<b>Pembuatan peralatan komunikasi</b> <i>Manufacture of communication equipment</i>	<b>263</b>	<b>76</b>	<b>14,856,650</b>	<b>11,434,069</b>	<b>3,422,581</b>	<b>23,676</b>	<b>851,874</b>	<b>1,650,176</b>
<b>Pembuatan peralatan komunikasi</b> <i>Manufacture of communication equipment</i>	26300	76	14,856,650	11,434,069	3,422,581	23,676	851,874	1,650,176
<b>Pembuatan elektronik pengguna</b> <i>Manufacture of consumer electronics</i>	<b>264</b>	<b>101</b>	<b>47,581,261</b>	<b>38,425,799</b>	<b>9,155,463</b>	<b>31,868</b>	<b>1,138,817</b>	<b>1,884,703</b>
<b>Pembuatan elektronik pengguna</b> <i>Manufacture of consumer electronics</i>	26400	101	47,581,261	38,425,799	9,155,463	31,868	1,138,817	1,884,703

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantara <i>Value of intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam</b> <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	<b>265</b>	<b>120</b>	<b>7,568,247</b>	<b>5,495,908</b>	<b>2,072,340</b>	<b>25,879</b>	<b>1,057,508</b>	<b>2,847,151</b>
<b>Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan</b> <i>Manufacture of measuring, testing, navigating and control equipment</i>	26511	85	5,855,234	4,379,109	1,476,125	18,482	827,744	2,552,790
<b>Pembuatan kelengkapan kawalan proses perindustrian</b> <i>Manufacture of industrial process control equipment</i>	26512	27	280,754	174,881	105,873	884	29,042	58,881
<b>Pembuatan jam tangan dan jam dan bahagiannya</b> <i>Manufacture of watches and clocks and parts</i>	26520	8	1,432,260	941,918	490,342	6,513	200,722	235,481
<b>Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik</b> <i>Manufacture of irradiation, electro medical and electrotherapeutic equipment</i>	<b>266</b>	<b>42</b>	<b>4,292,196</b>	<b>2,779,728</b>	<b>1,512,468</b>	<b>13,214</b>	<b>495,974</b>	<b>2,106,217</b>
<b>Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik</b> <i>Manufacture of irradiation, electro medical and electrotherapeutic equipment</i>	26600	42	4,292,196	2,779,728	1,512,468	13,214	495,974	2,106,217
<b>Pembuatan peralatan optikal dan alatan fotografi</b> <i>Manufacture of optical instruments and photographic equipment</i>	<b>267</b>	<b>21</b>	<b>1,353,399</b>	<b>1,019,471</b>	<b>333,928</b>	<b>5,438</b>	<b>175,079</b>	<b>326,325</b>

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantaraan <i>Value of intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Pembuatan instrumen dan kelengkapan optikal; Pembuatan peralatan fotografi</b> <i>Manufacture of optical instruments and equipment; Manufacture of photographic equipment</i>	26701 } 26702 }	21	1,353,399	1,019,471	333,928	5,438	175,079	326,325
<b>Pembuatan media magnetik dan optikal</b> <i>Manufacture of magnetic and optical media</i>	268	8	54,415	29,247	25,167	496	14,862	22,475
<b>Pembuatan media rakaman magnetik dan optikal</b> <i>Manufacture of magnetic and optical recording media</i>	26800	8	54,415	29,247	25,167	496	14,862	22,475
<b>Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik</b> <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	271	344	8,893,502	6,460,176	2,433,326	33,337	905,353	1,953,802
<b>Pembuatan motor elektrik, penjana dan transformer</b> <i>Manufacture of electric motors, generators and transformers</i>	27101	101	2,970,244	2,184,311	785,933	12,765	321,887	534,616
<b>Pembuatan perkakasan pengagihan dan pengawalan elektrik</b> <i>Manufacture of electricity distribution and control apparatus</i>	27102	243	5,923,258	4,275,865	1,647,393	20,572	583,466	1,419,186
<b>Pembuatan bateri dan akumulator</b> <i>Manufacture of batteries and accumulators</i>	272	33	3,237,921	2,571,969	665,952	4,639	159,104	1,699,686
<b>Pembuatan bateri dan akumulator</b> <i>Manufacture of batteries and accumulators</i>	27200	33	3,237,921	2,571,969	665,952	4,639	159,104	1,699,686

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantaraan <i>Value of intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Pembuatan pendawaian dan alatan pendawaian</b> <i>Manufacture of wiring and wiring devices</i>	<b>273</b>	<b>209</b>	<b>10,753,182</b>	<b>8,856,800</b>	<b>1,896,382</b>	<b>20,720</b>	<b>729,393</b>	<b>1,769,227</b>
<b>Pembuatan kabel gentian optikal</b> <i>Manufacture of fibre optic cables</i>	27310	10	366,720	258,125	108,595	990	46,488	44,579
<b>Pembuatan wayar dan kabel elektronik dan elektrik lain</b> <i>Manufacture of other electronic and electric wires and cables</i>	27320	152	10,011,569	8,281,839	1,729,730	18,352	650,359	1,659,709
<b>Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)</b> <i>Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material</i>	27330	47	374,893	316,837	58,057	1,378	32,546	64,939
<b>Pembuatan kelengkapan pencahayaan elektrik</b> <i>Manufacture of electric lighting equipment</i>	<b>274</b>	<b>95</b>	<b>867,135</b>	<b>626,449</b>	<b>240,686</b>	<b>4,085</b>	<b>109,114</b>	<b>223,968</b>
<b>Pembuatan kelengkapan pencahayaan elektrik</b> <i>Manufacture of electric lighting equipment</i>	27400	95	867,135	626,449	240,686	4,085	109,114	223,968
<b>Pembuatan perkakasan domestik</b> <i>Manufacture of domestic appliances</i>	<b>275</b>	<b>122</b>	<b>7,274,744</b>	<b>5,495,642</b>	<b>1,779,101</b>	<b>15,081</b>	<b>530,355</b>	<b>3,096,631</b>
<b>Pembuatan perkakasan domestik</b> <i>Manufacture of domestic appliances</i>	27500	122	7,274,744	5,495,642	1,779,101	15,081	530,355	3,096,631
<b>Pembuatan kelengkapan elektrik lain</b> <i>Manufacture of other electrical equipment</i>	<b>279</b>	<b>196</b>	<b>4,365,336</b>	<b>3,102,652</b>	<b>1,262,684</b>	<b>8,354</b>	<b>223,585</b>	<b>1,040,381</b>

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantara <i>Value of intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Pembuatan pelbagai kelengkapan elektrik selain daripada motor, penjana dan transformer, bateri dan akumulator, wayar dan alatan pendawaian, kelengkapan pencahayaan atau perkakasan domestik</b> <i>Manufacture of miscellaneous electrical equipment other than motors, generators and transformers, batteries and accumulators, wires and wiring devices, lighting equipment or domestic appliances</i>	27900	196	4,365,336	3,102,652	1,262,684	8,354	223,585	1,040,381
<b>Pembuatan jentera kegunaan umum</b> <i>Manufacture of general-purpose machinery</i>	<b>281</b>	<b>925</b>	<b>17,269,986</b>	<b>12,481,068</b>	<b>4,788,917</b>	<b>44,016</b>	<b>1,429,936</b>	<b>3,323,984</b>
<b>Pembuatan enjin dan turbin, kecuali enjin pesawat, kenderaan dan sikal</b> <i>Manufacture of engines and turbines, except aircraft, vehicle and cycle engines</i>	28110	30	364,564	281,780	82,784	663	21,781	31,170
<b>Pembuatan alat-alat kuasa bendalir</b> <i>Manufacture of fluid power equipment</i>	28120	10	19,134	13,790	5,344	146	3,627	6,430
<b>Pembuatan pam, pemampat, kepala paip dan injap lain</b> <i>Manufacture of other pumps, compressors, taps and valves</i>	28130	70	2,166,082	1,644,740	521,342	6,195	233,644	504,725
<b>Pembuatan penggalas, gear, elemen gear dan pemanduan</b> <i>Manufacture of bearings, gears, gearing and driving elements</i>	28140	55	699,115	506,710	192,405	2,958	108,507	307,946
<b>Pembuatan ketuhar, relau dan relau pembakar</b> <i>Manufacture of ovens, furnaces and furnace burners</i>	28150	6	6,724	3,985	2,739	69	1,909	6,800

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantara <i>Value of intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Pembuatan kelengkapan mengangkat dan mengendali</b> <i>Manufacture of lifting and handling equipment</i>	28160	80	1,371,762	1,054,064	317,697	3,799	130,677	265,671
<b>Pembuatan mesin dan kelengkapan pejabat (kecuali kelengkapan komputer dan peranti)</b> <i>Manufacture of office machinery and equipment (except computers and peripheral equipment)</i>	28170	32	183,405	133,442	49,964	1,252	25,812	28,034
<b>Pembuatan alatan tangan yang menggunakan kuasa dilengkapkan dengan motor elektrik atau bukan motor elektrik atau pneumatik</b> <i>Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives</i>	28180	12	1,287,864	1,071,208	216,656	1,783	71,568	226,404
<b>Pembuatan kelengkapan penyejukan atau pembekuan perindustrian</b> <i>Manufacture of refrigerating or freezing industrial equipment</i>	28191	54	416,787	273,321	143,466	2,140	63,282	99,837
<b>Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor</b> <i>Manufacture of air-conditioning machines, including for motor vehicles</i>	28192	104	8,214,940	5,716,243	2,498,698	10,354	393,182	911,583
<b>Pengeluaran mesin tujuan umum lain t.t.t.l.</b> <i>Manufacture of other general-purpose machinery n.e.c.</i>	28199	472	2,539,608	1,781,786	757,822	14,657	375,947	935,384
<b>Pembuatan mesin bagi tujuan khas</b> <i>Manufacture of special-purpose machinery</i>	<b>282</b>	<b>1,015</b>	<b>11,004,489</b>	<b>7,715,742</b>	<b>3,288,747</b>	<b>41,970</b>	<b>1,431,617</b>	<b>3,290,660</b>

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**

*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of 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>	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Pembuatan mesin bagi pertanian dan perhutanan</b> <i>Manufacture of agricultural and forestry machinery</i>	28210	76	1,712,895	1,442,230	270,665	3,453	159,372	488,424
<b>Pembuatan jentera pembentukan logam dan alatan mesin</b> <i>Manufacture of metal-forming machinery and machine tools</i>	28220	498	4,212,023	2,981,019	1,231,003	22,159	691,750	1,179,172
<b>Pengeluaran bagi jentera untuk metalurgi</b> <i>Manufacture of machinery for metallurgy</i>	28230	20	83,778	50,652	33,126	861	22,888	68,723
<b>Pembuatan mesin untuk perlombongan, pengkuarian dan pembinaan</b> <i>Manufacture of machinery for mining, quarrying and construction</i>	28240	75	1,774,767	1,115,934	658,833	4,396	188,369	301,656
<b>Pembuatan mesin untuk makanan, minuman dan pemprosesan tembakau</b> <i>Manufacture of machinery for food, beverage and tobacco processing</i>	28250	53	244,574	165,457	79,117	1,568	48,006	90,797
<b>Pembuatan mesin untuk tekstil, pakaian dan pengeluaran kulit</b> <i>Manufacture of machinery for textile, apparel and leather production</i>	28260	23	104,339	71,937	32,403	807	18,245	31,142
<b>Pembuatan lain-lain mesin bertujuan khas t.t.t.l.</b> <i>Manufacture of other special-purpose machinery n.e.c.</i>	28290	270	2,872,114	1,888,513	983,601	8,726	302,988	1,130,747
<b>Pembuatan kenderaan bermotor</b> <i>Manufacture of motor vehicles</i>	<b>291</b>	<b>78</b>	<b>31,809,974</b>	<b>25,562,674</b>	<b>6,247,299</b>	<b>28,585</b>	<b>1,372,292</b>	<b>5,735,150</b>

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantara <i>Value of intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Pembuatan kereta penumpang</b> <i>Manufacture of passenger cars</i>	29101	33	29,651,687	23,693,691	5,957,996	24,966	1,232,300	5,605,042
<b>Pembuatan kenderaan komersial</b> <i>Manufacture of commercial vehicles</i>	29102	45	2,158,287	1,868,983	289,304	3,619	139,993	130,108
<b>Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler</b> <i>Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	<b>292</b>	<b>139</b>	<b>1,306,834</b>	<b>954,795</b>	<b>352,039</b>	<b>4,654</b>	<b>128,347</b>	<b>417,899</b>
<b>Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler</b> <i>Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	29200	139	1,306,834	954,795	352,039	4,654	128,347	417,899
<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	<b>293</b>	<b>525</b>	<b>21,338,984</b>	<b>15,994,535</b>	<b>5,344,449</b>	<b>49,677</b>	<b>1,694,480</b>	<b>4,507,061</b>
<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	29300	525	21,338,984	15,994,535	5,344,449	49,677	1,694,480	4,507,061
<b>Pembinaan kapal dan bot</b> <i>Building of ships and boats</i>	<b>301</b>	<b>252</b>	<b>7,827,106</b>	<b>6,135,211</b>	<b>1,691,895</b>	<b>13,178</b>	<b>338,331</b>	<b>3,793,714</b>
<b>Pembinaan kapal dan struktur terapung</b> <i>Building of ships and floating structures</i>	30110	239	7,700,179	6,046,686	1,653,493	12,566	317,162	3,768,073

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantara <i>Value of intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Pembiinaan bot persiaran dan sukan</b> <i>Building of pleasure and sporting boats</i>	30120	13	126,927	88,525	38,402	612	21,169	25,640
<b>Pembuatan keretapi dan <i>rolling stock</i></b> <i>Manufacture of railway and rolling stock</i>	<b>302</b>	<b>5</b>	<b>391,456</b>	<b>254,165</b>	<b>137,291</b>	<b>2,801</b>	<b>104,927</b>	<b>68,796</b>
<b>Pembuatan keretapi lokomotif dan <i>rolling stock</i></b> <i>Manufacture of railway locomotives and rolling stock</i>	30200	5	391,456	254,165	137,291	2,801	104,927	68,796
<b>Pembuatan pesawat dan kapal angkasa dan jentera berkaitan</b> <i>Manufacture of air and spacecraft and related machinery</i>	<b>303</b>	<b>31</b>	<b>3,868,008</b>	<b>2,820,886</b>	<b>1,047,122</b>	<b>9,004</b>	<b>306,579</b>	<b>1,220,338</b>
<b>Pembuatan pesawat dan kapal angkasa dan jentera berkaitan</b> <i>Manufacture of air and spacecraft and related machinery</i>	30300	31	3,868,008	2,820,886	1,047,122	9,004	306,579	1,220,338
<b>Pembuatan kenderaan tempur ketenteraan; Pembuatan kelengkapan pengangkutan t.t.t.l.</b> <i>Manufacture of military fighting vehicles; Manufacture of transport equipment n.e.c.</i>	<b>304 } 309 }</b>	<b>92</b>	<b>7,195,135</b>	<b>5,588,656</b>	<b>1,606,479</b>	<b>18,345</b>	<b>619,994</b>	<b>1,241,938</b>
<b>Pembuatan kenderaan tempur ketenteraan; Pembuatan motosikal</b> <i>Manufacture of military fighting vehicles; Manufacture of motorcycles</i>	<b>30400 } 30910 }</b>	<b>57</b>	<b>4,997,148</b>	<b>3,658,862</b>	<b>1,338,286</b>	<b>13,336</b>	<b>488,510</b>	<b>998,508</b>
<b>Pembuatan basikal dan <i>invalid carriages</i></b> <i>Manufacture of bicycles and invalid carriages</i>	30920	19	2,007,039	1,777,550	229,488	4,804	125,100	221,899

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantaraan <i>Value of intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Pembuatan kelengkapan pengangkutan lain t.t.t.l.</b> <i>Manufacture of other transport equipments n.e.c.</i>	30990	16	190,948	152,244	38,705	205	6,383	21,531
<b>Pembuatan perabot</b> <i>Manufacture of furniture</i>	<b>310</b>	<b>2,521</b>	<b>13,010,311</b>	<b>9,082,828</b>	<b>3,927,483</b>	<b>84,653</b>	<b>1,837,571</b>	<b>4,319,668</b>
<b>Pembuatan perabot kayu dan rotan</b> <i>Manufacture of wooden and cane furniture</i>	31001	2,010	8,732,178	6,021,052	2,711,125	64,178	1,359,847	3,273,465
<b>Pembuatan perabot logam</b> <i>Manufacture of metal furniture</i>	31002	280	1,788,473	1,218,181	570,292	11,175	266,846	612,671
<b>Pembuatan tilam</b> <i>Manufacture of mattress</i>	31003	72	779,562	567,728	211,833	4,996	106,557	288,924
<b>Pembuatan perabot lain kecuali daripada batu, konkrit atau seramik</b> <i>Manufacture of other furniture, except of stone, concrete or ceramic</i>	31009	159	1,710,099	1,275,866	434,233	4,304	104,322	144,607
<b>Pembuatan barang kemas, bijouterie dan artikel berkaitan</b> <i>Manufacture of jewellery, bijouterie and related articles</i>	<b>321</b>	<b>290</b>	<b>3,819,431</b>	<b>3,006,963</b>	<b>812,468</b>	<b>5,894</b>	<b>192,150</b>	<b>424,142</b>
<b>Pembuatan barang kemas dan artikel berkaitan</b> <i>Manufacture of jewellery and related articles</i>	32110	274	3,793,818	2,990,062	803,756	5,638	186,236	409,611
<b>Pembuatan barang kemas tiruan dan artikel berkaitan</b> <i>Manufacture of imitation jewellery and related articles</i>	32120	16	25,613	16,901	8,712	256	5,915	14,531

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantaraan <i>Value of intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Pembuatan instrumen muzik</b> <i>Manufacture of musical instruments</i>	<b>322</b>	<b>6</b>	<b>3,345</b>	<b>2,723</b>	<b>622</b>	<b>37</b>	<b>616</b>	<b>212</b>
<b>Pembuatan instrumen muzik</b> <i>Manufacture of musical instruments</i>	32200	6	3,345	2,723	622	37	616	212
<b>Pembuatan barangan sukan</b> <i>Manufacture of sports goods</i>	<b>323</b>	<b>36</b>	<b>191,029</b>	<b>119,882</b>	<b>71,147</b>	<b>1,714</b>	<b>36,958</b>	<b>73,178</b>
<b>Pembuatan barangan sukan</b> <i>Manufacture of sports goods</i>	32300	36	191,029	119,882	71,147	1,714	36,958	73,178
<b>Pembuatan permainan dan mainan</b> <i>Manufacture of games and toys</i>	<b>324</b>	<b>32</b>	<b>665,702</b>	<b>399,663</b>	<b>266,039</b>	<b>6,283</b>	<b>131,608</b>	<b>195,230</b>
<b>Pembuatan permainan dan mainan</b> <i>Manufacture of games and toys</i>	32400	32	665,702	399,663	266,039	6,283	131,608	195,230
<b>Pembuatan peralatan dan bekalan perubatan dan pergigian</b> <i>Manufacture of medical and dental instrument and supplies</i>	<b>325</b>	<b>238</b>	<b>1,315,369</b>	<b>816,472</b>	<b>498,897</b>	<b>6,550</b>	<b>162,384</b>	<b>482,855</b>
<b>Pembuatan peralatan dan bekalan perubatan dan pergigian</b> <i>Manufacture of medical and dental instrument and supplies</i>	32500	238	1,315,369	816,472	498,897	6,550	162,384	482,855
<b>Pembuatan lain t.t.t.l.</b> <i>Other manufacturing n.e.c.</i>	<b>329</b>	<b>888</b>	<b>3,459,074</b>	<b>2,306,828</b>	<b>1,152,246</b>	<b>17,435</b>	<b>445,232</b>	<b>1,447,502</b>
<b>Pembuatan alat tulis</b> <i>Manufacture of stationery</i>	32901	126	1,310,084	885,576	424,507	5,902	149,538	210,662

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**  
*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri <i>Group and industry description</i>	Kod kumpulan dan industri <i>Group and industry code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantara <i>Value of intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Pembuatan lain t.t.t.l.</b> <i>Other manufacturing n.e.c.</i>	32909	762	2,148,991	1,421,252	727,739	11,533	295,693	1,236,840
<b>Pembaikan produk logam yang direka, jentera dan kelengkapan</b> <i>Repair of fabricated metal products, machinery and equipment</i>	<b>331</b>	<b>2,677</b>	<b>7,707,315</b>	<b>5,091,758</b>	<b>2,615,558</b>	<b>38,975</b>	<b>1,133,852</b>	<b>1,784,550</b>
<b>Pembaikan produk logam yang direka</b> <i>Repair of fabricated metal products</i>	33110	154	188,590	115,698	72,891	1,650	43,255	62,881
<b>Pembaikan dan penyelenggaraan jentera dan kelengkapan industri</b> <i>Repair and maintenance of industrial machinery and equipment</i>	33120	1,760	3,224,655	1,994,938	1,229,717	22,793	574,465	954,290
<b>Pembaikan dan penyelenggaraan peralatan menyukat, menguji, memandu arah dan kelengkapan kawalan</b> <i>Repair and maintenance of the measuring, testing, navigating and control equipment</i>	33131	48	269,632	143,226	126,406	1,555	70,814	131,848
<b>Pembaikan dan penyelenggaraan penyinaran, perubatan elektro dan kelengkapan electrotherapeutic;</b> <b>Pembaikan bagi peralatan optikal dan alatan fotografi</b> <i>Repair and maintenance of irradiation, electro medical and electrotherapeutic equipment</i> <i>Repair of optical instruments and photographic equipment</i>	33132 } 33133 }	24	80,901	53,049	27,852	402	11,165	15,964

**Jadual 2 - Perangkaan utama sektor pembuatan mengikut industri, 2015 (samb.)**

*Table 2 - Principal statistics of manufacturing sector by industry, 2015 (cont'd)*

Keterangan kumpulan dan industri	Kod kumpulan dan industri	Bilangan pertubuhan	Nilai output kasar	Nilai input perantara	Nilai ditambah	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
<i>Group and industry description</i>	<i>Group and industry code</i>	<i>Number of establishment</i>	<i>Value of gross output</i>	<i>Value of intermediate input</i>	<i>Value added</i>	<i>Number of persons engaged during December or the last pay period</i>	<i>Salaries &amp; wages paid</i>	<i>Value of fixed assets owned as at the end of the year</i>
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Pembaikan dan penyelenggaraan peralatan elektrik kecuali penggunaan domestik</b> <i>Repair and maintenance of electrical equipment except domestic appliances</i>	33140	275	273,421	175,931	97,490	2,318	51,793	77,986
<b>Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal</b> <i>Repair and maintenance of transport equipment except motorcycles and bicycles</i>	33150	274	3,232,157	2,309,520	922,637	7,857	320,602	488,589
<b>Pembaikan dan penyelenggaraan peralatan lain t.t.t.l.</b> <i>Repair and maintenance of other equipment n.e.c.</i>	33190	142	437,959	299,396	138,563	2,400	61,757	52,992
<b>Pemasangan bagi perindustrian mesin dan kelengkapan</b> <i>Installation of industrial machinery and equipment</i>	<b>332</b>	<b>191</b>	<b>1,056,036</b>	<b>766,561</b>	<b>289,475</b>	<b>4,827</b>	<b>121,379</b>	<b>326,689</b>
<b>Pemasangan bagi perindustrian mesin dan kelengkapan</b> <i>Installation of industrial machinery and equipment</i>	33200	191	1,056,036	766,561	289,475	4,827	121,379	326,689

**Jadual 3 - Perangkaan utama sektor pembuatan mengikut negeri, 2015**

*Table 3 - Principal statistics of manufacturing sector by state, 2015*

Negeri	Bilangan pertubuhan	Nilai output kasar	Nilai input perantaraan	Nilai ditambah	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
<i>State</i>	<i>Number of establishment</i>	<i>Value of gross output</i>	<i>Value of Intermediate input</i>	<i>Value added</i>	<i>Total number of persons engaged during December or the last pay period</i>	<i>Salaries &amp; wages paid</i>	<i>Value of fixed assets owned as at the end of the year</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Jumlah Total</b>	<b>49,101</b>	<b>1,141,962,723</b>	<b>884,844,630</b>	<b>257,118,094</b>	<b>2,119,158</b>	<b>65,495,282</b>	<b>296,800,506</b>
<b>Johor</b>	8,046	171,114,693	137,440,977	33,673,716	448,365	12,244,951	55,472,210
<b>Kedah</b>	3,281	56,884,799	45,213,258	11,671,540	97,463	2,780,965	13,710,862
<b>Kelantan</b>	1,834	4,272,984	3,386,209	886,775	19,655	322,167	1,176,144
<b>Melaka</b>	1,539	79,280,313	67,376,883	11,903,431	82,694	2,716,073	16,641,435
<b>Negeri Sembilan</b>	1,891	67,867,313	56,407,619	11,459,694	77,331	2,644,865	13,052,527
<b>Pahang</b>	1,784	42,936,685	34,854,004	8,082,681	44,489	1,354,454	12,287,319
<b>Perak</b>	4,383	45,709,437	35,589,322	10,120,115	138,726	3,479,498	14,792,242
<b>Perlis</b>	373	2,503,812	1,810,721	693,091	5,704	126,571	661,248
<b>Pulau Pinang</b>	4,191	155,667,905	121,374,219	34,293,686	272,241	10,431,125	33,011,204
<b>Sabah</b>	1,789	41,842,361	35,399,798	6,442,563	63,766	1,280,840	8,771,259
<b>Sarawak</b>	2,573	102,552,112	69,057,939	33,494,173	99,280	2,666,633	31,651,640
<b>Selangor</b>	10,027	308,031,463	233,673,717	74,357,746	646,165	21,285,684	67,549,908
<b>Terengganu</b>	2,023	38,072,786	25,842,349	12,230,437	23,839	980,589	19,958,604
<b>W. P. Kuala Lumpur</b>	5,231	22,770,640	15,999,787	6,770,853	96,686	3,048,134	5,644,314
<b>W. P. Labuan</b>	120	2,453,869	1,416,934	1,036,935	2,722	132,322	2,419,198
<b>W. P. Putrajaya</b>	16	1,552	894	658	32	410	392

**Jadual 4 - Perangkaan utama sektor pembuatan mengikut taraf sah, 2015**

*Table 4 - Principal statistics of manufacturing sector by legal status, 2015*

Taraf sah	Bilangan pertubuhan	Nilai output kasar	Nilai input perantaraan	Nilai ditambah	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
<i>Legal status</i>	<i>Number of establishments</i>	<i>Value of gross output</i>	<i>Value of Intermediate input</i>	<i>Value added</i>	<i>Total number of persons engaged during December or the last pay period</i>	<i>Salaries &amp; wages paid</i>	<i>Value of fixed assets owned as at the end of the year</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Jumlah</b> <i>Total</i>	<b>49,101</b>	<b>1,141,962,723</b>	<b>884,844,630</b>	<b>257,118,094</b>	<b>2,119,158</b>	<b>65,495,282</b>	<b>296,800,506</b>
<b>Hak milik perseorangan</b> <i>Individual proprietorship</i>	19,111	6,217,174	3,873,846	2,343,328	84,365	1,080,266	1,414,224
<b>Perkongsian</b> <i>Partnership</i>	4,090	4,264,605	2,862,777	1,401,828	37,960	596,375	829,536
<b>Perkongsian liabiliti terhad</b> <i>Limited liabilities partnership</i>	21	23,386	15,558	7,828	252	4,411	3,938
<b>Syarikat sendirian berhad</b> <i>Private limited company</i>	25,636	1,065,513,792	826,246,921	239,266,871	1,930,880	60,960,129	272,362,519
<b>Syarikat awam berhad</b> <i>Public limited company</i>	202	65,716,515	51,683,576	14,032,938	64,091	2,815,629	22,138,705
<b>Syarikat koperasi</b> <i>Co-operative</i>	31	120,002	80,678	39,324	1,089	24,607	41,417
<b>Perbadanan awam</b> <i>Public corporation</i>	10	107,249	81,273	25,976	521	13,865	10,167

**Jadual 5 - Perangkaan utama sektor pembuatan mengikut hak milik, 2015**  
*Table 5 - Principal statistics of manufacturing sector by ownership, 2015*

Hak milik	Bilangan pertubuhan	Nilai output kasar	Nilai input perantaraan	Nilai ditambah	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
<i>Ownership</i>	<i>Number of establishment</i>	<i>Value of gross output</i>	<i>Value of Intermediate input</i>	<i>Value added</i>	<i>Total number of persons engaged during December or the last pay period</i>	<i>Salaries &amp; wages paid</i>	<i>Value of fixed assets owned as at the end of the year</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Jumlah</b> <i>Total</i>	<b>49,101</b>	<b>1,141,962,723</b>	<b>884,844,630</b>	<b>257,118,094</b>	<b>2,119,158</b>	<b>65,495,282</b>	<b>296,800,506</b>
<b>Residen Malaysia</b> <i>Malaysian residents</i>	47,691	696,672,340	527,011,999	169,660,342	1,558,480	43,902,120	195,867,489
<b>Bukan residen Malaysia</b> <i>Non-Malaysian residents</i>	1,361	442,362,176	355,472,814	86,889,363	556,217	21,458,358	100,481,966
<b>Hak milik bersama</b> <i>Joint ownership</i>	49	2,928,207	2,359,818	568,390	4,461	134,803	451,050

**Jadual 6 - Perangkaan utama sektor pembuatan mengikut saiz pekerja, 2015**  
*Table 6 - Principal statistics of manufacturing sector by employment size, 2015*

Saiz pekerja <i>Employment size</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantaraan <i>Value of Intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Jumlah</b> <i>Total</i>	<b>49,101</b>	<b>1,141,962,723</b>	<b>884,844,630</b>	<b>257,118,094</b>	<b>2,119,158</b>	<b>65,495,282</b>	<b>296,800,506</b>
<b>Kurang daripada 5 pekerja</b> <i>Less than 5 employees</i>	18,197	4,725,524	2,984,425	1,741,099	44,533	470,229	864,858
<b>5 pekerja</b> - <b>74 pekerja</b> <i>5 employees</i> - <i>74 employees</i>	25,921	132,672,448	98,389,741	34,282,707	480,963	11,599,116	33,045,218
<b>75 pekerja</b> - <b>200 pekerja</b> <i>75 employees</i> - <i>200 employees</i>	3,083	205,054,393	164,368,907	40,685,487	367,392	10,662,500	49,107,929
<b>201 pekerja dan lebih</b> <i>201 employees and above</i>	1,900	799,510,359	619,101,558	180,408,801	1,226,270	42,763,437	213,782,501

**Jadual 7 - Perangkaan utama sektor pembuatan mengikut saiz output kasar, 2015**

*Table 7 - Principal statistics of manufacturing sector by gross output size, 2015*

Saiz output kasar	Bilangan pertubuhan	Nilai output kasar	Nilai input perantara	Nilai ditambah	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
<i>Gross output size</i>	<i>Number of establishments</i>	<i>Value of gross output</i>	<i>Value of Intermediate input</i>	<i>Value added</i>	<i>Total number of persons engaged during December or the last pay period</i>	<i>Salaries &amp; wages paid</i>	<i>Value of fixed assets owned as at the end of the year</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Jumlah</b> <i>Total</i>	<b>49,101</b>	<b>1,141,962,723</b>	<b>884,844,630</b>	<b>257,118,094</b>	<b>2,119,158</b>	<b>65,495,282</b>	<b>296,800,506</b>
<b>Kurang daripada RM300,000</b> <i>Less than RM300,000</i>	18,145	1,927,693	1,060,290	867,403	52,355	477,418	654,065
<b>RM300,000 &lt; RM15,000,000</b>	25,627	66,416,637	43,955,776	22,460,861	531,935	12,313,790	26,326,406
<b>RM15,000,000 ≤ RM50,000,000</b>	2,764	75,737,682	53,976,999	21,760,683	339,417	9,067,086	26,587,455
<b>RM50,000,001 dan lebih</b> <i>RM50,000,001 and above</i>	2,565	997,880,711	785,851,565	212,029,146	1,195,451	43,636,988	243,232,580

**Jadual 8 - Perangkaan utama sektor pembuatan mengikut saiz harta tetap, 2015**  
*Table 8 - Principal statistics of manufacturing sector by size of fixed assets, 2015*

Saiz harta		Bilangan pertubuhan	Nilai output kasar	Nilai input perantara	Nilai ditambah	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
Assets size		Number of establishments	Value of gross output	Value of Intermediate input	Value added	Total number of persons engaged during December or the last pay period	Salaries & wages paid	Value of fixed assets owned as at the end of the year
			(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Jumlah</b>		<b>49,101</b>	<b>1,141,962,723</b>	<b>884,844,630</b>	<b>257,118,094</b>	<b>2,119,158</b>	<b>65,495,282</b>	<b>296,800,506</b>
<i>Total</i>								
<b>Kurang daripada RM50,000</b>		21,319	9,376,754	6,159,619	3,217,135	96,527	1,619,813	258,926
<i>Less than RM50,000</i>								
06	<b>RM50,000 - &lt; RM200,000</b>	7,736	11,291,819	7,495,524	3,796,295	84,683	1,804,843	832,877
	<b>RM200,000 - &lt; RM1,000,000</b>	9,260	36,244,182	24,504,854	11,739,328	197,215	4,625,298	4,618,049
	<b>RM1,000,000 - &lt; RM10,000,000</b>	7,764	133,946,783	98,392,886	35,553,896	521,770	13,892,098	25,943,067
	<b>RM10,000,000 - &lt; RM100,000,000</b>	2,599	369,317,472	293,739,315	75,578,158	727,655	22,521,733	76,627,245
	<b>RM100,000,000 - &lt; RM500,000,000</b>	343	291,191,282	233,227,785	57,963,497	333,089	12,737,655	70,820,999
	<b>RM500,000,000 - &lt; RM1,000,000,000</b>	37	92,766,380	75,684,821	17,081,559	80,601	3,723,091	26,458,938
	<b>RM1,000,000,000 dan lebih</b>	43	197,828,053	145,639,827	52,188,227	77,618	4,570,752	91,240,404
<i>RM1,000,000,000 and above</i>								

**Jadual 9 - Perangkaan utama terpilih (per pekerja bergaji) sektor pembuatan mengikut kumpulan, 2015**  
*Table 9 - Selected principal statistics (per paid employee) of manufacturing sector by group, 2015*

Keterangan kumpulan	Kod kumpulan	Jumlah pekerja bergaji	Gaji & upah yang dibayar	Nilai output kasar	Nilai ditambah	Gaji & upah yang dibayar per pekerja bergaji	Nilai output kasar per pekerja bergaji	Nilai ditambah per pekerja bergaji
<i>Group description</i>	<i>Group code</i>	<i>Total number of paid employees</i>	<i>Salaries &amp; wages paid</i>	<i>Value of gross output</i>	<i>Value added</i>	<i>Salaries &amp; wages per paid employee</i>	<i>Value of gross output per paid employee</i>	<i>Value added per paid employee</i>
			(RM '000)	(RM '000)	(RM '000)	(RM)	(RM)	(RM)
<b>Jumlah Total</b>		<b>2,088,001</b>	<b>65,495,282</b>	<b>1,141,700,999</b>	<b>257,072,636</b>	<b>31,367</b>	<b>546,791</b>	<b>123,119</b>
<b>Pemprosesan dan pengawetan daging</b> <i>Processing and preserving of meat</i>	<b>101</b>	13,088	363,760	5,555,304	1,286,459	27,793	424,458	98,293
<b>Pemprosesan dan pengawetan ikan, krustasea dan moluska</b> <i>Processing and preserving of fish, crustaceans and molluscs</i>	<b>102</b>	15,522	301,391	3,531,102	751,988	19,417	227,490	48,447
<b>Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran</b> <i>Processing and preserving of fruits and vegetables</i>	<b>103</b>	7,791	175,709	1,218,755	379,253	22,553	156,431	48,678
<b>Pembuatan minyak dan lemak sayuran dan haiwan</b> <i>Manufacture of vegetable and animal oils and fats</i>	<b>104</b>	74,848	2,402,392	136,782,340	13,981,119	32,097	1,827,468	186,793
<b>Pembuatan produk tenusu</b> <i>Manufacture of dairy products</i>	<b>105</b>	12,272	501,525	9,085,893	1,787,516	40,867	740,376	145,658
<b>Pembuatan produk bijian, kanji dan produk berkanji</b> <i>Manufacture of grain mill products, starches and starch products</i>	<b>106</b>	8,998	287,772	6,093,384	877,303	31,982	677,193	97,500
<b>Pembuatan produk makanan lain</b> <i>Manufacture of other food products</i>	<b>107</b>	106,415	2,751,864	28,546,850	6,985,063	25,860	268,260	65,640
<b>Pembuatan makanan haiwan tersedia</b> <i>Manufacture of prepared animal feeds</i>	<b>108</b>	10,444	408,723	8,986,032	1,777,617	39,135	860,401	170,205

Jadual 9 - Perangkaan utama terpilih (per pekerja bergaji) sektor pembuatan mengikut kumpulan, 2015 (samb.)

Table 9 - Selected principal statistics (per paid employee) of manufacturing sector by group, 2015 (cont'd)

Keterangan kumpulan	Kod kumpulan	Jumlah pekerja bergaji	Gaji & upah yang dibayar	Nilai output kasar	Nilai ditambah	Gaji & upah yang dibayar per pekerja bergaji	Nilai output kasar per pekerja bergaji	Nilai ditambah per pekerja bergaji
<i>Group description</i>	<i>Group code</i>	<i>Total number of paid employees</i>	<i>Salaries &amp; wages paid</i>	<i>Value of gross output</i>	<i>Value added</i>	<i>Salaries &amp; wages per paid employee</i>	<i>Value of gross output per paid employee</i>	<i>Value added per paid employee</i>
			(RM '000)	(RM '000)	(RM '000)	(RM)	(RM)	(RM)
<b>Pembuatan minuman</b> <i>Manufacture of beverages</i>	<b>110</b>	14,591	436,755	9,213,260	2,438,784	29,933	631,434	167,143
<b>Pembuatan produk tembakau</b> <i>Manufacture of tobacco products</i>	<b>120</b>	2,154	111,503	4,203,222	1,944,883	51,765	1,951,357	902,917
<b>Pemintalan, penenunan dan penyiapan tekstil</b> <i>Spining, weaving and finishing of textiles</i>	<b>131</b>	14,663	354,686	6,042,225	1,521,075	24,189	412,073	103,736
<b>Pembuatan tekstil lain</b> <i>Manufacture of other textiles</i>	<b>139</b>	14,249	317,103	2,670,427	651,096	22,254	187,412	45,694
<b>Pembuatan pakaian, kecuali pakaian berbulu</b> <i>Manufacture of wearing apparel, except fur apparel</i>	<b>141</b>	51,612	1,047,071	7,222,553	2,202,857	20,287	139,939	42,681
<b>Pembuatan artikel bulu</b> <i>Manufacture of articles of fur</i>	<b>142</b>	316	6,456	53,304	15,593	20,430	168,682	49,343
<b>Pembuatan pakaian yang dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted apparel</i>	<b>143</b>	1,571	29,329	277,822	52,490	18,669	176,844	33,412
<b>Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah; pembersihan dan pewarnaan bulu</b> <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	<b>151</b>	4,429	111,892	888,082	225,437	25,263	200,515	50,900

**Jadual 9 - Perangkaan utama terpilih (per pekerja bergaji) sektor pembuatan mengikut kumpulan, 2015 (samb.)**  
*Table 9 - Selected principal statistics (per paid employee) of manufacturing sector by group, 2015 (cont'd)*

Keterangan kumpulan	Kod kumpulan	Jumlah pekerja bergaji	Gaji & upah yang dibayar	Nilai output kasar	Nilai ditambah	Gaji & upah yang dibayar per pekerja bergaji	Nilai output kasar per pekerja bergaji	Nilai ditambah per pekerja bergaji
<i>Group description</i>	<i>Group code</i>	<i>Total number of paid employees</i>	<i>Salaries &amp; wages paid</i>	<i>Value of gross output</i>	<i>Value added</i>	<i>Salaries &amp; wages per paid employee</i>	<i>Value of gross output per paid employee</i>	<i>Value added per paid employee</i>
			(RM '000)	(RM '000)	(RM '000)	(RM)	(RM)	(RM)
<b>Pembuatan kasut</b> <i>Manufacture of footwear</i>	<b>152</b>	6,172	170,844	1,009,616	332,246	27,681	163,580	53,831
<b>Pengilangan dan pengetaman kayu</b> <i>Sawmilling and planing of wood</i>	<b>161</b>	29,875	642,243	5,726,243	1,310,376	21,498	191,673	43,862
<b>Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain</b> <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	<b>162</b>	72,344	1,644,617	17,327,118	4,111,076	22,733	239,510	56,827
<b>Pembuatan kertas dan produk kertas</b> <i>Manufacture of paper and paper products</i>	<b>170</b>	53,453	1,560,879	16,885,500	4,344,968	29,201	315,894	81,286
<b>Percetakan dan aktiviti perkhidmatan berkaitan percetakan</b> <i>Printing and service activities related to printing</i>	<b>181</b>	54,941	1,528,460	9,926,983	3,477,107	27,820	180,684	63,288
<b>Penerbitan semula media rakaman</b> <i>Reproduction of recorded media</i>	<b>182</b>	284	7,569	43,580	14,524	26,652	153,450	51,140
<b>Pembuatan produk petroleum bertapis</b> <i>Manufacture of refined petroleum products</i>	<b>192</b>	16,939	1,328,148	137,901,958	35,241,030	78,408	8,141,092	2,080,467
<b>Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer</b> <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	<b>201</b>	51,733	2,354,407	72,604,643	18,693,246	45,511	1,403,449	361,341
<b>Pembuatan produk kimia lain</b> <i>Manufacture of other chemical products</i>	<b>202</b>	49,013	1,679,141	18,821,151	5,208,474	34,259	384,003	106,267

**Jadual 9 - Perangkaan utama terpilih (per pekerja bergaji) sektor pembuatan mengikut kumpulan, 2015 (samb.)**  
*Table 9 - Selected principal statistics (per paid employee) of manufacturing sector by group, 2015 (cont'd)*

Keterangan kumpulan	Kod kumpulan	Jumlah pekerja bergaji	Gaji & upah yang dibayar	Nilai output kasar	Nilai ditambah	Gaji & upah yang dibayar per pekerja bergaji	Nilai output kasar per pekerja bergaji	Nilai ditambah per pekerja bergaji
<i>Group description</i>	<i>Group code</i>	<i>Total number of paid employees</i>	<i>Salaries &amp; wages paid</i>	<i>Value of gross output</i>	<i>Value added</i>	<i>Salaries &amp; wages per paid employee</i>	<i>Value of gross output per paid employee</i>	<i>Value added per paid employee</i>
			(RM '000)	(RM '000)	(RM '000)	(RM)	(RM)	(RM)
<b>Pembuatan serat buatan manusia</b> <i>Manufacture of man-made fibres</i>	<b>203</b>	494	18,839	494,109	90,753	38,135	1,000,221	183,711
<b>Pembuatan produk farmaseutikal, kimia perubatan dan botani</b> <i>Manufacture of pharmaceuticals, medical chemical and botanical products</i>	<b>210</b>	17,217	535,180	4,121,332	1,459,040	31,084	239,376	84,744
<b>Pembuatan produk getah</b> <i>Manufacture of rubber products</i>	<b>221</b>	104,164	2,744,720	33,981,752	8,364,700	26,350	326,233	80,303
<b>Pembuatan produk plastik</b> <i>Manufacture of plastic products</i>	<b>222</b>	135,696	3,930,145	31,188,698	8,528,222	28,963	229,842	62,848
<b>Pembuatan kaca dan produk kaca</b> <i>Manufacture of glass and glass products</i>	<b>231</b>	14,730	525,224	5,063,338	1,444,287	35,657	343,743	98,051
<b>Pembuatan produk mineral bukan logam t.t.t.l.</b> <i>Manufacture of non-metallic mineral products n.e.c.</i>	<b>239</b>	83,051	2,670,817	35,240,604	9,777,083	32,159	424,325	117,724
<b>Pembuatan besi asas dan keluli</b> <i>Manufacture of basic iron and steel</i>	<b>241</b>	49,564	1,726,863	25,633,501	5,540,122	34,841	517,180	111,777
<b>Pembuatan logam asas berharga dan logam bukan ferus lain</b> <i>Manufacture of basic precious and other non-ferrous metals</i>	<b>242</b>	33,692	1,069,555	14,213,998	2,673,069	31,745	421,880	79,338
<b>Pengacuan logam</b> <i>Casting of metals</i>	<b>243</b>	13,427	361,560	2,245,223	635,079	26,928	167,217	47,299

Jadual 9 - Perangkaan utama terpilih (per pekerja bergaji) sektor pembuatan mengikut kumpulan, 2015 (samb.)

Table 9 - Selected principal statistics (per paid employee) of manufacturing sector by group, 2015 (cont'd)

Keterangan kumpulan	Kod kumpulan	Jumlah pekerja bergaji	Gaji & upah yang dibayar	Nilai output kasar	Nilai ditambah	Gaji & upah yang dibayar per pekerja bergaji	Nilai output kasar per pekerja bergaji	Nilai ditambah per pekerja bergaji
<i>Group description</i>	<i>Group code</i>	<i>Total number of paid employees</i>	<i>Salaries &amp; wages paid</i>	<i>Value of gross output</i>	<i>Value added</i>	<i>Salaries &amp; wages per paid employee</i>	<i>Value of gross output per paid employee</i>	<i>Value added per paid employee</i>
			(RM '000)	(RM '000)	(RM '000)	(RM)	(RM)	(RM)
<b>Pembuatan produk struktur logam, tangki, takungan dan penjana wap;</b>	<b>251</b>	47,795	1,259,803	18,797,483	5,226,003	61,069	874,661	210,531
<b>Pembuatan senjata dan peluru</b>	<b>252</b>							
<i>Manufacture of structural metal products, tanks, reservoirs and steam generators; Manufacture of weapons and ammunition</i>								
<b>Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam</b>	<b>259</b>	84,573	2,404,513	33,622,993	9,055,495	28,431	397,562	107,073
<i>Manufacture of other fabricated metal products; metalworking service activities</i>								
<b>Pembuatan komponen dan papan elektronik</b>	<b>261</b>	194,068	7,664,979	146,046,376	28,936,854	39,496	752,553	149,107
<i>Manufacture of electronic components and boards</i>								
<b>Pembuatan komputer dan kelengkapan peranti</b>	<b>262</b>	61,612	2,179,575	36,358,401	6,837,560	35,376	590,119	110,978
<i>Manufacture of computers and peripheral equipment</i>								
<b>Pembuatan peralatan komunikasi</b>	<b>263</b>	23,668	851,874	14,856,650	3,422,581	35,993	627,710	144,608
<i>Manufacture of communication equipment</i>								
<b>Pembuatan elektronik pengguna</b>	<b>264</b>	31,868	1,138,817	47,581,262	9,155,463	35,735	1,493,073	287,293
<i>Manufacture of consumer electronics</i>								
<b>Pembuatan kelengkapan mengukur, menguji, mengemudi (memandu arah) dan kawalan; jam tangan dan jam</b>	<b>265</b>	25,870	1,057,508	7,568,248	2,072,340	40,878	292,549	80,106
<i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>								

**Jadual 9 - Perangkaan utama terpilih (per pekerja bergaji) sektor pembuatan mengikut kumpulan, 2015 (samb.)**  
*Table 9 - Selected principal statistics (per paid employee) of manufacturing sector by group, 2015 (cont'd)*

Keterangan kumpulan	Kod kumpulan	Jumlah pekerja bergaji	Gaji & upah yang dibayar	Nilai output kasar	Nilai ditambah	Gaji & upah yang dibayar per pekerja bergaji	Nilai output kasar per pekerja bergaji	Nilai ditambah per pekerja bergaji
<i>Group description</i>	<i>Group code</i>	<i>Total number of paid employees</i>	<i>Salaries &amp; wages paid</i>	<i>Value of gross output</i>	<i>Value added</i>	<i>Salaries &amp; wages per paid employee</i>	<i>Value of gross output per paid employee</i>	<i>Value added per paid employee</i>
			(RM '000)	(RM '000)	(RM '000)	(RM)	(RM)	(RM)
<b>Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik</b> <i>Manufacture of irradiation, electro medical and electrotherapeutic equipment</i>	<b>266</b>	13,214	495,974	4,292,196	1,512,468	37,534	324,822	114,459
<b>Pembuatan peralatan optikal dan alatan fotografi</b> <i>Manufacture of optical instruments and photographic equipment</i>	<b>267</b>	5,437	175,079	1,353,399	333,928	32,201	248,924	61,418
<b>Pembuatan media magnetik dan optikal</b> <i>Manufacture of magnetic and optical media</i>	<b>268</b>	496	14,862	54,415	25,167	29,963	109,707	50,741
<b>Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik</b> <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	<b>271</b>	33,276	905,353	8,893,502	2,433,326	27,207	267,265	73,126
<b>Pembuatan bateri dan akumulator</b> <i>Manufacture of batteries and accumulators</i>	<b>272</b>	4,639	159,104	3,237,921	665,952	34,297	697,978	143,555
<b>Pembuatan pendawaian dan alatan pendawaian</b> <i>Manufacture of wiring and wiring devices</i>	<b>273</b>	20,696	729,393	10,753,182	1,896,382	35,243	519,578	91,630
<b>Pembuatan kelengkapan pencahayaan elektrik</b> <i>Manufacture of electric lighting equipment</i>	<b>274</b>	4,082	109,114	867,135	240,686	26,731	212,429	58,963
<b>Pembuatan perkakasan domestik</b> <i>Manufacture of domestic appliances</i>	<b>275</b>	15,064	530,355	7,274,744	1,779,101	35,207	482,922	118,103

**Jadual 9 - Perangkaan utama terpilih (per pekerja bergaji) sektor pembuatan mengikut kumpulan, 2015 (samb.)**  
*Table 9 - Selected principal statistics (per paid employee) of manufacturing sector by group, 2015 (cont'd)*

Keterangan kumpulan	Kod kumpulan	Jumlah pekerja bergaji	Gaji & upah yang dibayar	Nilai output kasar	Nilai ditambah	Gaji & upah yang dibayar per pekerja bergaji	Nilai output kasar per pekerja bergaji	Nilai ditambah per pekerja bergaji
<i>Group description</i>	<i>Group code</i>	<i>Total number of paid employees</i>	<i>Salaries &amp; wages paid</i>	<i>Value of gross output</i>	<i>Value added</i>	<i>Salaries &amp; wages per paid employee</i>	<i>Value of gross output per paid employee</i>	<i>Value added per paid employee</i>
			(RM '000)	(RM '000)	(RM '000)	(RM)	(RM)	(RM)
<b>Pembuatan kelengkapan elektrik lain</b> <i>Manufacture of other electrical equipment</i>	<b>279</b>	8,320	223,585	4,365,336	1,262,684	26,873	524,680	151,765
<b>Pembuatan jentera kegunaan umum</b> <i>Manufacture of general-purpose machinery</i>	<b>281</b>	43,784	1,429,936	17,269,986	4,788,917	32,659	394,436	109,376
<b>Pembuatan mesin bagi tujuan khas</b> <i>Manufacture of special-purpose machinery</i>	<b>282</b>	41,696	1,431,617	11,004,489	3,288,748	34,335	263,922	78,874
<b>Pembuatan kenderaan bermotor</b> <i>Manufacture of motor vehicles</i>	<b>291</b>	28,578	1,372,292	31,809,974	6,247,299	48,019	1,113,093	218,605
<b>Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler</b> <i>Manufacture of bodies(coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	<b>292</b>	4,593	128,347	1,306,834	352,039	27,944	284,527	76,647
<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	<b>293</b>	49,554	1,694,480	21,338,984	5,344,449	34,195	430,621	107,851
<b>Pembinaan kapal dan bot</b> <i>Building of ships and boats</i>	<b>301</b>	13,089	338,331	7,827,106	1,691,895	25,849	597,991	129,261
<b>Pembuatan keretapi dan rolling stock</b> <i>Manufacture of railway and rolling stock</i>	<b>302</b>	2,801	104,927	391,456	137,291	37,460	139,756	49,015
<b>Pembuatan pesawat dan kapal angkasa dan jentera berkaitan</b> <i>Manufacture of air and spacecraft and related machinery</i>	<b>303</b>	9,004	306,579	3,868,008	1,047,122	34,049	429,588	116,295

**Jadual 9 - Perangkaan utama terpilih (per pekerja bergaji) sektor pembuatan mengikut kumpulan, 2015 (samb.)**

*Table 9 - Selected principal statistics (per paid employee) of manufacturing sector by group, 2015 (cont'd)*

Keterangan kumpulan	Kod kumpulan	Jumlah pekerja bergaji	Gaji & upah yang dibayar	Nilai output kasar	Nilai ditambah	Gaji & upah yang dibayar per pekerja bergaji	Nilai output kasar per pekerja bergaji	Nilai ditambah per pekerja bergaji
<i>Group description</i>	<i>Group code</i>	<i>Total number of paid employees</i>	<i>Salaries &amp; wages paid</i>	<i>Value of gross output</i>	<i>Value added</i>	<i>Salaries &amp; wages per paid employee</i>	<i>Value of gross output per paid employee</i>	<i>Value added per paid employee</i>
			(RM '000)	(RM '000)	(RM '000)	(RM)	(RM)	(RM)
<b>Pembuatan kenderaan tempur ketenteraan; Pembuatan kelengkapan pengangkutan t.t.t.l.</b> <i>Manufacture of military fighting vehicles; Manufacture of transport equipment n.e.c.</i>	304 } 309 }	18,323	619,994	6,933,411	1,561,021	75,720	3,383,584	607,681
<b>Pembuatan perabot</b> <i>Manufacture of furniture</i>	310	83,233	1,837,571	13,010,311	3,927,483	22,077	156,312	47,187
<b>Pembuatan barang kemas, bijouterie dan artikel berkaitan</b> <i>Manufacture of jewellery, bijouterie and related articles</i>	321	5,691	192,150	3,819,431	812,468	33,764	671,135	142,764
<b>Pembuatan instrumen muzik</b> <i>Manufacture of musical instruments</i>	322	26	616	3,345	622	23,688	128,650	23,919
<b>Pembuatan barangan sukan</b> <i>Manufacture of sports goods</i>	323	1,711	36,958	191,029	71,147	21,600	111,648	41,582
<b>Pembuatan permainan dan mainan</b> <i>Manufacture of games and toys</i>	324	6,277	131,608	665,702	266,039	20,967	106,054	42,383
<b>Pembuatan peralatan dan bekalan perubatan dan pergigian</b> <i>Manufacture of medical and dental instrument and supplies</i>	325	6,380	162,384	1,315,369	498,897	25,452	206,171	78,197
<b>Pembuatan lain t.t.t.l.</b> <i>Other manufacturing n.e.c.</i>	329	16,760	445,232	3,459,074	1,152,246	26,565	206,389	68,750

**Jadual 9 - Perangkaan utama terpilih (per pekerja bergaji) sektor pembuatan mengikut kumpulan, 2015 (samb.)**

*Table 9 - Selected principal statistics (per paid employee) of manufacturing sector by group, 2015 (cont'd)*

Keterangan kumpulan	Kod kumpulan	Jumlah pekerja bergaji	Gaji & upah yang dibayar	Nilai output kasar	Nilai ditambah	Gaji & upah yang dibayar per pekerja bergaji	Nilai output kasar per pekerja bergaji	Nilai ditambah per pekerja bergaji
<i>Group description</i>	<i>Group code</i>	<i>Total number of paid employees</i>	<i>Salaries &amp; wages paid</i>	<i>Value of gross output</i>	<i>Value added</i>	<i>Salaries &amp; wages per paid employee</i>	<i>Value of gross output per paid employee</i>	<i>Value added per paid employee</i>
			(RM '000)	(RM '000)	(RM '000)	(RM)	(RM)	(RM)
<b>Pembaikan produk logam yang direka, jentera dan kelengkapan</b> <i>Repair of fabricated metal products, machinery and equipment</i>	<b>331</b>	37,299	1,133,852	7,707,315	2,615,558	30,399	206,636	70,124
<b>Pemasangan bagi perindustrian mesin dan kelengkapan</b> <i>Installation of industrial machinery and equipment</i>	<b>332</b>	4,772	121,379	1,056,036	289,475	25,436	221,298	60,661

**Jadual 10 - Bilangan pekerja dan gaji & upah mengikut kategori pekerja, 2015**  
*Table 10 - Number of persons engaged and salaries & wages by category of workers, 2015*

Kategori pekerja <i>Category of workers</i>	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Number of persons engaged during December or the last pay period</i>			Gaji & upah dibayar <i>Salaries &amp; wages paid</i>  (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
<b>Jumlah (A+B+C) / Total (A+B+C)</b>	<b>2,119,158</b>	<b>1,430,790</b>	<b>688,368</b>	<b>65,495,282</b>
<b>A. Jumlah pemilik yang bekerja dan pekerja keluarga tidak bergaji</b> <i>Total working proprietors and unpaid family workers</i>	<b>31,157</b>	<b>18,971</b>	<b>12,186</b>	n.a
<b>Pemilik yang bekerja dan rakan niaga yang aktif</b> <i>Working proprietors and active business partners</i>	26,077	16,940	9,137	n.a
<b>Pekerja keluarga tidak bergaji (semua ahli keluarga dan rakan yang tidak menerima upah yang tetap)</b> <i>Unpaid family workers (all members of family and friends not receiving regular wages)</i>	5,080	2,031	3,049	n.a
<b>B. Jumlah pekerja bergaji (sepenuh masa)</b> <i>Total paid employees (full-time)</i>	<b>2,075,446</b>	<b>1,404,749</b>	<b>670,697</b>	<b>65,329,827</b>
<b>Pengurus</b> <i>Managers</i>	119,523	86,477	33,046	14,691,904
<b>Profesional</b> <i>Professionals</i>	67,889	44,079	23,810	5,134,712
<b>Penyelidik</b> <i>Researcher</i>	6,243	3,977	2,266	395,877
<b>Juruteknik dan Profesional Bersekutu</b> <i>Technicians and Associate Professionals</i>	173,951	143,760	30,191	7,802,057
<b>Pekerja Sokongan Perkeranian</b> <i>Clerical Support Workers</i>	123,595	24,160	99,435	3,422,586
<b>Pekerja Perkhidmatan dan Jualan</b> <i>Services and Sales Workers</i>	26,259	15,185	11,074	773,141
<b>Pekerja Kemahiran dan Pekerja Pertukangan yang berkaitan</b> <i>Craft and Related Trades Workers</i>	77,566	59,055	18,511	1,783,951
<b>Operator Mesin dan Loji, dan Pemasang - diambil secara langsung</b> <i>Plant and Machine Operators and Assemblers - directly employed</i>	1,173,030	795,633	377,397	25,045,574
<b>Operator Mesin dan Loji, dan Pemasang - diambil melalui kontraktor buruh</b> <i>Plant and machine operators and assemblers - employed through labour contractors</i>	159,125	125,171	33,954	3,643,782
<b>Pekerja Asas</b> <i>Elementary Occupations</i>	148,265	107,252	41,013	2,636,244
<b>C. Jumlah pekerja bergaji (sambilan)</b> <i>Total employees (part-time)</i>	<b>12,555</b>	<b>7,070</b>	<b>5,485</b>	<b>165,455</b>

**Jadual 11 - Bilangan pekerja dan gaji & upah mengikut kumpulan pekerja, 2015**  
*Table 11 - Number of persons engaged and salaries & wages by group of workers, 2015*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishment</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>			
			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>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
						(RM'000)
<b>Jumlah</b> <i>Total</i>		<b>49,101</b>	<b>31,157</b>	<b>2,075,446</b>	<b>12,555</b>	<b>65,495,282</b>
<b>Pemprosesan dan pengawetan daging</b> <i>Processing and preserving of meat</i>	<b>101</b>	220	129	12,945	143	363,760
<b>Pemprosesan dan pengawetan ikan, krustasea dan moluska</b> <i>Processing and preserving of fish, crustaceans and molluscs</i>	<b>102</b>	664	842	14,683	839	301,391
<b>Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran</b> <i>Processing and preserving of fruits and vegetables</i>	<b>103</b>	420	374	7,651	140	175,709
<b>Pembuatan minyak dan lemak sayuran dan haiwan</b> <i>Manufacture of vegetable and animal oils and fats</i>	<b>104</b>	632	127	74,392	456	2,402,392
<b>Pembuatan produk tenusu</b> <i>Manufacture of dairy products</i>	<b>105</b>	136	54	12,208	64	501,525
<b>Pembuatan produk bijian, kanji dan produk berkanji</b> <i>Manufacture of grain mill products, starches and starch products</i>	<b>106</b>	283	114	8,906	92	287,772
<b>Pembuatan produk makanan lain</b> <i>Manufacture of other food products</i>	<b>107</b>	5,580	5,875	104,380	2,035	2,751,864

**Jadual 11 - Bilangan pekerja dan gaji & upah mengikut kumpulan pekerja, 2015 (samb.)**  
 Table 11 - Number of persons engaged and salaries & wages by group of workers, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>				Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
			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>	(RM'000)	
<b>Pembuatan makanan haiwan tersedia</b> <i>Manufacture of prepared animal feeds</i>	<b>108</b>	128	15	10,412	32	408,723	
<b>Pembuatan minuman</b> <i>Manufacture of beverages</i>	<b>110</b>	432	201	14,493	98	436,755	
<b>Pembuatan produk tembakau</b> <i>Manufacture of tobacco products</i>	<b>120</b>	26	25	2,143	11	111,503	
<b>Pemintalan, penenunan dan penyiapan tekstil</b> <i>Spining, weaving and finishing of textiles</i>	<b>131</b>	490	370	14,540	123	354,686	
<b>Pembuatan tekstil lain</b> <i>Manufacture of other textiles</i>	<b>139</b>	734	599	14,148	101	317,103	
<b>Pembuatan pakaian, kecuali pakaian berbulu</b> <i>Manufacture of wearing apparel, except fur apparel</i>	<b>141</b>	7,474	8,016	50,111	1,501	1,047,071	
<b>Pembuatan artikel bulu</b> <i>Manufacture of articles of fur</i>	<b>142</b>	6	5	316	-	6,456	
<b>Pembuatan pakaian yang dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted apparel</i>	<b>143</b>	32	12	1,565	6	29,329	
<b>Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah; pembersihan dan pewarnaan bulu</b> <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	<b>151</b>	107	66	4,418	11	111,892	

**Jadual 11 - Bilangan pekerja dan gaji & upah mengikut kumpulan pekerja, 2015 (samb.)**  
 Table 11 - Number of persons engaged and salaries & wages by group of workers, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>				Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
			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>	(RM'000)	
<b>Pembuatan kasut</b> <i>Manufacture of footwear</i>	<b>152</b>	268	163	6,135	37	170,844	
<b>Pengilangan dan pengetaman kayu</b> <i>Sawmilling and planning of wood</i>	<b>161</b>	657	185	29,377	498	642,243	
<b>Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain</b> <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	<b>162</b>	1,137	711	71,989	355	1,644,617	
<b>Pembuatan kertas dan produk kertas</b> <i>Manufacture of paper and paper products</i>	<b>170</b>	936	277	53,283	170	1,560,879	
<b>Percetakan dan aktiviti perkhidmatan berkaitan percetakan</b> <i>Printing and service activities related to printing</i>	<b>181</b>	3,192	1,710	54,649	292	1,528,460	
<b>Penerbitan semula media rakaman</b> <i>Reproduction of recorded media</i>	<b>182</b>	21	4	284	-	7,569	
<b>Pembuatan produk petroleum bertapis</b> <i>Manufacture of refined petroleum products</i>	<b>192</b>	124	-	16,925	14	1,328,148	
<b>Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer</b> <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	<b>201</b>	607	81	51,665	68	2,354,407	

**Jadual 11 - Bilangan pekerja dan gaji & upah mengikut kumpulan pekerja, 2015 (samb.)**  
 Table 11 - Number of persons engaged and salaries & wages by group of workers, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>				Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
			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>	(RM'000)	
<b>Pembuatan produk kimia lain</b> <i>Manufacture of other chemical products</i>	<b>202</b>	854	129	48,821	192	1,679,141	
<b>Pembuatan serat buatan manusia</b> <i>Manufacture of man-made fibres</i>	<b>203</b>	12	1	494	-	18,838	
<b>Pembuatan produk farmaseutikal, kimia perubatan dan botani</b> <i>Manufacture of pharmaceuticals, medical chemical and botanical products</i>	<b>210</b>	371	118	17,168	49	535,180	
<b>Pembuatan produk getah</b> <i>Manufacture of rubber products</i>	<b>221</b>	670	121	104,001	163	2,744,720	
<b>Pembuatan produk plastik</b> <i>Manufacture of plastic products</i>	<b>222</b>	1,958	378	135,092	604	3,930,145	
<b>Pembuatan kaca dan produk kaca</b> <i>Manufacture of glass and glass products</i>	<b>231</b>	432	284	14,677	53	525,224	
<b>Pembuatan produk mineral bukan logam t.t.t.l</b> <i>Manufacture of non-metallic mineral products n.e.c</i>	<b>239</b>	1,640	612	82,689	362	2,670,817	
<b>Pembuatan besi asas dan keluli</b> <i>Manufacture of basic iron and steel</i>	<b>241</b>	798	331	49,384	180	1,726,863	
<b>Pembuatan logam asas berharga dan logam bukan ferus lain</b> <i>Manufacture of basic precious and other non-ferrous metals</i>	<b>242</b>	421	132	33,664	28	1,069,554	

**Jadual 11 - Bilangan pekerja dan gaji & upah mengikut kumpulan pekerja, 2015 (samb.)**  
 Table 11 - Number of persons engaged and salaries & wages by group of workers, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishment</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>			
			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>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
						(RM'000)
<b>Pengacuan logam</b> <i>Casting of metals</i>	<b>243</b>	338	129	13,398	29	361,560
<b>Pembuatan produk struktur logam, tangki, takungan dan penjana wap;</b>	<b>251</b>	3,232	2,850	47,131	664	1,259,803
<b>Pembuatan senjata dan peluru</b> <i>Manufacture of structural metal products, tanks, reservoirs and steam generators;</i> <i>Manufacture of weapons and ammunition</i>	<b>252</b>					
<b>Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam</b> <i>Manufacture of other fabricated metal products; metalworking service activities</i>	<b>259</b>	2,144	888	84,151	422	2,404,513
<b>Pembuatan komponen dan papan elektronik</b> <i>Manufacture of electronic components and boards</i>	<b>261</b>	509	33	194,023	45	7,664,979
<b>Pembuatan komputer dan kelengkapan peranti</b> <i>Manufacture of computers and peripheral equipment</i>	<b>262</b>	108	12	61,601	11	2,179,575
<b>Pembuatan peralatan komunikasi</b> <i>Manufacture of communication equipment</i>	<b>263</b>	76	8	23,658	10	851,874
<b>Pembuatan elektronik pengguna</b> <i>Manufacture of consumer electronics</i>	<b>264</b>	101	-	31,839	29	1,138,817

**Jadual 11 - Bilangan pekerja dan gaji & upah mengikut kumpulan pekerja, 2015 (samb.)**  
 Table 11 - Number of persons engaged and salaries & wages by group of workers, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishment</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>			
			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>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
						(RM'000)
<b>Pembuatan kelengkapan mengukur, menguji, mengemudi (memandu arah) dan kawalan; jam tangan dan jam</b> <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	<b>265</b>	120	9	25,866	4	1,057,508
<b>Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik</b> <i>Manufacture of irradiation, electro medical and electrotherapeutic equipment</i>	<b>266</b>	42	-	13,211	3	495,974
<b>Pembuatan peralatan optikal dan alatan fotografi</b> <i>Manufacture of optical instruments and photographic equipment</i>	<b>267</b>	21	1	5,437	-	175,079
<b>Pembuatan media magnetik dan optikal</b> <i>Manufacture of magnetic and optical media</i>	<b>268</b>	8	-	496	-	14,862
<b>Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik</b> <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	<b>271</b>	344	61	33,238	38	905,353
<b>Pembuatan bateri dan akumulator</b> <i>Manufacture of batteries and accumulators</i>	<b>272</b>	33	-	4,631	8	159,104

**Jadual 11 - Bilangan pekerja dan gaji & upah mengikut kumpulan pekerja, 2015 (samb.)**  
 Table 11 - Number of persons engaged and salaries & wages by group of workers, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishment</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>			
			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>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
						(RM'000)
<b>Pembuatan pendawaian dan alatan pendawaian</b> <i>Manufacture of wiring and wiring devices</i>	<b>273</b>	209	24	20,415	281	729,393
<b>Pembuatan kelengkapan pencahayaan elektrik</b> <i>Manufacture of electric lighting equipment</i>	<b>274</b>	95	3	4,081	1	109,114
<b>Pembuatan perkakasan domestik</b> <i>Manufacture of domestic appliances</i>	<b>275</b>	122	17	15,056	8	530,355
<b>Pembuatan kelengkapan elektrik lain</b> <i>Manufacture of other electrical equipment</i>	<b>279</b>	196	34	8,247	73	223,585
<b>Pembuatan jentera kegunaan umum</b> <i>Manufacture of general-purpose machinery</i>	<b>281</b>	925	232	43,674	110	1,429,936
<b>Pembuatan mesin bagi tujuan khas</b> <i>Manufacture of special-purpose machinery</i>	<b>282</b>	1,015	274	41,595	101	1,431,617
<b>Pembuatan kenderaan bermotor</b> <i>Manufacture of motor vehicles</i>	<b>291</b>	78	7	28,577	1	1,372,292
<b>Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler</b> <i>Manufacture of bodies(coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	<b>292</b>	139	61	4,584	9	128,347

**Jadual 11 - Bilangan pekerja dan gaji & upah mengikut kumpulan pekerja, 2015 (samb.)**  
*Table 11 - Number of persons engaged and salaries & wages by group of workers, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>				Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
			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>	(RM'000)	
<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	<b>293</b>	525	123	49,444	110	1,694,480	
<b>Pembinaan kapal dan bot</b> <i>Building of ships and boats</i>	<b>301</b>	252	89	13,023	66	338,331	
<b>Pembuatan keretapi dan <i>rolling stock</i></b> <i>Manufacture of railway and rolling stock</i>	<b>302</b>	5	-	2,801	-	104,927	
<b>Pembuatan pesawat dan kapal angkasa dan jentera berkaitan</b> <i>Manufacture of air and spacecraft and related machinery</i>	<b>303</b>	31	-	9,004	-	306,579	
<b>Pembuatan kenderaan tempur ketenteraan; Pembuatan kelengkapan pengangkutan t.t.t.l.</b> <i>Manufacture of military fighting vehicles; Manufacture of transport equipment n.e.c.</i>	<b>304</b> <b>309</b> }	92	22	18,116	207	619,994	
<b>Pembuatan perabot</b> <i>Manufacture of furniture</i>	<b>310</b>	2,521	1,420	82,607	626	1,837,571	
<b>Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan</b> <i>Manufacture of jewellery, bijouterie and related articles</i>	<b>321</b>	290	203	5,639	52	192,150	

**Jadual 11 - Bilangan pekerja dan gaji & upah mengikut kumpulan pekerja, 2015 (samb.)**  
 Table 11 - Number of persons engaged and salaries & wages by group of workers, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishment</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>				Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
			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>	(RM'000)	
<b>Pembuatan instrumen muzik</b> <i>Manufacture of musical instruments</i>	<b>322</b>	6	11	22	4	616	
<b>Pembuatan barangan sukan</b> <i>Manufacture of sports goods</i>	<b>323</b>	36	3	1,711	-	36,958	
<b>Pembuatan permainan dan mainan</b> <i>Manufacture of games and toys</i>	<b>324</b>	32	6	6,275	2	131,608	
<b>Pembuatan peralatan dan bekalan perubatan dan pergigian</b> <i>Manufacture of medical and dental instrument and supplies</i>	<b>325</b>	238	170	6,367	13	162,384	
<b>Pembuatan lain t.t.t.l.</b> <i>Other manufacturing n.e.c.</i>	<b>329</b>	888	675	16,673	87	445,232	
<b>Pembaikan produk logam yang direka, jentera dan kelengkapan</b> <i>Repair of fabricated metal products, machinery and equipment</i>	<b>331</b>	2,677	1,676	36,540	759	1,133,852	
<b>Pemasangan bagi perindustrian mesin dan kelengkapan</b> <i>Installation of industrial machinery and equipment</i>	<b>332</b>	191	55	4,707	65	121,379	

**Jadual 12 - Bilangan pekerja mengikut kelulusan akademik dan jantina, 2015**  
*Table 12 - Number of persons engaged by academic qualification and sex, 2015*

Kelulusan <i>Qualification</i>	Bilangan pekerja <i>Number of persons engaged</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
<b>Jumlah</b> <i>Total</i>	<b>2,119,158</b>	<b>1,430,790</b>	<b>688,368</b>
<b>Pascasiswazah</b> <i>Postgraduate</i>	12,452	8,720	3,732
<b>Ijazah sarjana muda/Diploma lanjutan atau setaraf</b> <i>Bachelor/Advanced diploma or equivalent</i>	146,588	96,700	49,888
<b>Diploma</b> <i>Diploma</i>	182,564	124,902	57,662
<b>STPM atau yang setaraf</b> <i>STPM or equivalent</i>	72,377	40,502	31,875
<b>Sijil</b> <i>Certificate</i>	140,194	106,727	33,467
<b>SPM/SPM(V) atau yang setaraf</b> <i>SPM/SPM(V) or equivalent</i>	874,272	550,096	324,176
<b>Di bawah taraf kelulusan SPM/SPM(V)</b> <i>Below SPM/SPM(V) qualification</i>	690,711	503,143	187,568

**Jadual 13 - Bilangan pekerja mengikut kumpulan dan jantina, 2015**  
*Table 13 - Number of persons engaged by group and sex, 2015*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i> (RM '000)	Perempuan <i>Female</i> (RM '000)
<b>Jumlah</b> <i>Total</i>		<b>2,119,158</b>	<b>1,430,790</b>	<b>688,368</b>	<b>18,971</b>	<b>12,186</b>	<b>1,411,819</b>	<b>676,182</b>	<b>46,492,583</b>	<b>19,002,699</b>
<b>Pemprosesan dan pengawetan daging</b> <i>Processing and preserving of meat</i>	<b>101</b>	13,217	9,621	3,596	94	35	9,527	3,561	276,073	87,687
<b>Pemprosesan dan pengawetan ikan, krustasea dan moluska</b> <i>Processing and preserving of fish, crustaceans and molluscs</i>	<b>102</b>	16,364	8,321	8,043	443	399	7,878	7,644	174,854	126,538
<b>Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran</b> <i>Processing and preserving of fruits and vegetables</i>	<b>103</b>	8,165	5,136	3,029	240	134	4,896	2,895	116,401	59,308
<b>Pembuatan minyak dan lemak sayuran dan haiwan</b> <i>Manufacture of vegetable and animal oils and fats</i>	<b>104</b>	74,975	61,624	13,351	88	39	61,536	13,312	2,026,445	375,947
<b>Pembuatan produk tenusu</b> <i>Manufacture of dairy products</i>	<b>105</b>	12,326	9,294	3,032	27	27	9,267	3,005	383,722	117,803
<b>Pembuatan produk bijian, kanji dan produk berkanji</b> <i>Manufacture of grain mill products, starches and starch products</i>	<b>106</b>	9,112	6,877	2,235	81	33	6,796	2,202	220,197	67,576
<b>Pembuatan produk makanan lain</b> <i>Manufacture of other food products</i>	<b>107</b>	112,290	65,462	46,828	2,774	3,101	62,688	43,727	1,747,633	1,004,232

**Jadual 13 - Bilangan pekerja mengikut kumpulan dan jantina, 2015 (samb.)**  
*Table 13 - Number of persons engaged by group and sex, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i> (RM '000)	Perempuan <i>Female</i> (RM '000)
<b>Pembuatan makanan haiwan tersedia</b> <i>Manufacture of prepared animal feeds</i>	<b>108</b>	10,459	8,112	2,347	10	5	8,102	2,342	343,812	64,911
<b>Pembuatan minuman</b> <i>Manufacture of beverages</i>	<b>110</b>	14,792	10,300	4,492	128	73	10,172	4,419	309,758	126,997
<b>Pembuatan produk tembakau</b> <i>Manufacture of tobacco products</i>	<b>120</b>	2,179	1,427	752	22	3	1,405	749	73,428	38,074
<b>Pemintalan, penenunan dan penyiapan tekstil</b> <i>Spining, weaving and finishing of textiles</i>	<b>131</b>	15,033	10,175	4,858	218	152	9,957	4,706	245,552	109,135
<b>Pembuatan tekstil lain</b> <i>Manufacture of other textiles</i>	<b>139</b>	14,848	9,945	4,903	307	292	9,638	4,611	221,704	95,399
<b>Pembuatan pakaian, kecuali pakaian berbulu</b> <i>Manufacture of wearing apparel, except fur apparel</i>	<b>141</b>	59,628	23,674	35,954	2,134	5,882	21,540	30,072	464,658	582,413
<b>Pembuatan artikel bulu</b> <i>Manufacture of articles of fur</i>	<b>142</b>	321	220	101	2	3	218	98	4,680	1,776
<b>Pembuatan pakaian yang dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted</i>	<b>143</b>	1,583	799	784	9	3	790	781	15,479	13,850

**Jadual 13 - Bilangan pekerja mengikut kumpulan dan jantina, 2015 (samb.)**  
*Table 13 - Number of persons engaged by group and sex, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i> (RM '000)	Perempuan <i>Female</i> (RM '000)
<b>Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah; pembersihan dan pewarnaan bulu</b> <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	<b>151</b>	4,495	3,027	1,468	53	13	2,974	1,455	75,459	36,433
<b>Pembuatan kasut</b> <i>Manufacture of footwear</i>	<b>152</b>	6,335	4,372	1,963	122	41	4,250	1,922	126,172	44,673
<b>Pengilangan dan pengetaman kayu</b> <i>Sawmilling and planning of wood</i>	<b>161</b>	30,060	24,272	5,788	162	23	24,110	5,765	531,879	110,364
<b>Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain</b> <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	<b>162</b>	73,055	55,403	17,652	597	114	54,806	17,538	1,290,797	353,820
<b>Pembuatan kertas dan produk kertas</b> <i>Manufacture of paper and paper products</i>	<b>170</b>	53,730	38,276	15,454	227	50	38,049	15,404	1,136,348	424,531
<b>Percetakan dan aktiviti perkhidmatan berkaitan percetakan</b> <i>Printing and service activities related to printing</i>	<b>181</b>	56,651	38,555	18,096	1,317	393	37,238	17,703	1,062,430	466,030
<b>Penerbitan semula media rakaman</b> <i>Reproduction of recorded media</i>	<b>182</b>	288	212	76	4	-	208	76	5,535	2,035

**Jadual 13 - Bilangan pekerja mengikut kumpulan dan jantina, 2015 (samb.)**  
*Table 13 - Number of persons engaged by group and sex, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i> (RM '000)	Perempuan <i>Female</i> (RM '000)
<b>Pembuatan produk petroleum bertapis</b> <i>Manufacture of refined petroleum products</i>	<b>192</b>	16,939	14,155	2,784	-	-	14,155	2,784	1,114,448	213,700
<b>Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer</b> <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	<b>201</b>	51,814	41,202	10,612	65	16	41,137	10,596	1,903,465	450,942
<b>Pembuatan produk kimia lain</b> <i>Manufacture of other chemical products</i>	<b>202</b>	49,142	32,736	16,406	97	32	32,639	16,374	1,147,342	531,799
<b>Pembuatan serat buatan manusia</b> <i>Manufacture of man-made fibres</i>	<b>203</b>	495	445	50	1	-	444	50	17,108	1,731
<b>Pembuatan produk farmaseutikal, kimia perubatan dan botani</b> <i>Manufacture of pharmaceuticals, medical chemical and botanical products</i>	<b>210</b>	17,335	10,234	7,101	62	56	10,172	7,045	326,357	208,822
<b>Pembuatan produk getah</b> <i>Manufacture of rubber products</i>	<b>221</b>	104,285	73,120	31,165	109	12	73,011	31,153	1,986,549	758,171
<b>Pembuatan produk plastik</b> <i>Manufacture of plastic products</i>	<b>222</b>	136,074	92,683	43,391	326	52	92,357	43,339	2,733,258	1,196,887
<b>Pembuatan kaca dan produk kaca</b> <i>Manufacture of glass and glass products</i>	<b>231</b>	15,014	11,809	3,205	235	49	11,574	3,156	422,836	102,388

**Jadual 13 - Bilangan pekerja mengikut kumpulan dan jantina, 2015 (samb.)**  
*Table 13 - Number of persons engaged by group and sex, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i> (RM '000)	Perempuan <i>Female</i> (RM '000)
<b>Pembuatan produk mineral bukan logam t.t.t.l.</b> <i>Manufacture of non-metallic mineral products n.e.c.</i>	<b>239</b>	83,663	69,143	14,520	506	106	68,637	14,414	2,220,517	450,300
<b>Pembuatan besi asas dan keluli</b> <i>Manufacture of basic iron and steel</i>	<b>241</b>	49,895	41,088	8,807	296	35	40,792	8,772	1,416,295	310,569
<b>Pembuatan logam asas berharga dan logam bukan ferus lain</b> <i>Manufacture of basic precious and other non-ferrous metals</i>	<b>242</b>	33,824	26,970	6,854	118	14	26,852	6,840	841,135	228,420
<b>Pengacuan logam</b> <i>Casting of metals</i>	<b>243</b>	13,556	10,946	2,610	122	7	10,824	2,603	293,425	68,135
<b>Pembuatan produk struktur logam, tangki, takungan dan penjana wap; Pembuatan senjata dan peluru</b> <i>Manufacture of structural metal products, tanks, reservoirs and steam generators;</i> <i>Manufacture of weapons and ammunition</i>	<b>251</b>	50,645	42,344	8,301	2,595	255	39,749	8,046	1,038,812	220,990
	<b>252</b>									
<b>Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam</b> <i>Manufacture of other fabricated metal products; metalworking service activities</i>	<b>259</b>	85,461	64,811	20,650	787	101	64,024	20,549	1,842,072	562,441

**Jadual 13 - Bilangan pekerja mengikut kumpulan dan jantina, 2015 (samb.)**  
*Table 13 - Number of persons engaged by group and sex, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i> (RM '000)	Perempuan <i>Female</i> (RM '000)
<b>Pembuatan komponen dan papan elektronik</b> <i>Manufacture of electronic components and boards</i>	<b>261</b>	194,101	89,061	105,040	30	3	89,031	105,037	4,281,258	3,383,721
<b>Pembuatan komputer dan kelengkapan peranti</b> <i>Manufacture of computers and peripheral equipment</i>	<b>262</b>	61,624	28,650	32,974	8	4	28,642	32,970	1,247,821	931,754
<b>Pembuatan peralatan komunikasi</b> <i>Manufacture of communication equipment</i>	<b>263</b>	23,676	7,880	15,796	7	1	7,873	15,795	405,212	446,662
<b>Pembuatan elektronik pengguna</b> <i>Manufacture of consumer electronics</i>	<b>264</b>	31,868	13,412	18,456	-	-	13,412	18,456	614,973	523,845
<b>Pembuatan kelengkapan mengukur, menguji, mengemudi (memandu arah) dan kawalan; jam tangan dan jam</b> <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	<b>265</b>	25,879	11,590	14,289	9	-	11,581	14,289	583,419	474,088
<b>Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik</b> <i>Manufacture of irradiation, electro medical and electrotherapeutic</i>	<b>266</b>	13,214	5,465	7,749	-	-	5,465	7,749	258,483	237,491
<b>Pembuatan peralatan optikal dan alatan fotografi</b> <i>Manufacture of optical instruments and photographic equipment</i>	<b>267</b>	5,438	1,592	3,846	1	-	1,591	3,846	68,404	106,675

**Jadual 13 - Bilangan pekerja mengikut kumpulan dan jantina, 2015 (samb.)**  
*Table 13 - Number of persons engaged by group and sex, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i> (RM '000)	Perempuan <i>Female</i> (RM '000)
<b>Pembuatan media magnetik dan optikal</b> <i>Manufacture of magnetic and optical media</i>	<b>268</b>	496	356	140	-	-	356	140	11,432	3,430
<b>Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik</b> <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	<b>271</b>	33,337	17,310	16,027	52	9	17,258	16,018	551,536	353,818
<b>Pembuatan bateri dan akumulator</b> <i>Manufacture of batteries and accumulators</i>	<b>272</b>	4,639	3,568	1,071	-	-	3,568	1,071	127,429	31,675
<b>Pembuatan pendawaian dan alatan pendawaian</b> <i>Manufacture of wiring and wiring devices</i>	<b>273</b>	20,720	13,269	7,451	22	2	13,247	7,449	526,217	203,176
<b>Pembuatan kelengkapan pencahayaan elektrik</b> <i>Manufacture of electric lighting equipment</i>	<b>274</b>	4,085	2,706	1,379	3	-	2,703	1,379	75,314	33,800
<b>Pembuatan perkakasan domestik</b> <i>Manufacture of domestic appliances</i>	<b>275</b>	15,081	11,118	3,963	14	3	11,104	3,960	389,703	140,652
<b>Pembuatan kelengkapan elektrik lain</b> <i>Manufacture of other electrical equipment</i>	<b>279</b>	8,354	5,543	2,811	32	2	5,511	2,809	157,086	66,499
<b>Pembuatan jentera kegunaan umum</b> <i>Manufacture of general-purpose machinery</i>	<b>281</b>	44,016	33,080	10,936	213	19	32,867	10,917	1,098,861	331,075
<b>Pembuatan mesin bagi tujuan khas</b> <i>Manufacture of special-purpose machinery</i>	<b>282</b>	41,970	33,283	8,687	240	34	33,043	8,653	1,142,850	288,768

Jadual 13 - Bilangan pekerja mengikut kumpulan dan jantina, 2015 (samb.)  
Table 13 - Number of persons engaged by group and sex, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i> (RM '000)	Perempuan <i>Female</i> (RM '000)
<b>Pembuatan kenderaan bermotor</b> <i>Manufacture of motor vehicles</i>	<b>291</b>	28,585	24,839	3,746	7	-	24,832	3,746	1,171,820	200,473
<b>Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler</b> <i>Manufacture of bodies(coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	<b>292</b>	4,654	3,854	800	57	4	3,797	796	105,694	22,653
<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	<b>293</b>	49,677	36,229	13,448	110	13	36,119	13,435	1,299,227	395,253
<b>Pembinaan kapal dan bot</b> <i>Building of ships and boats</i>	<b>301</b>	13,178	11,404	1,774	84	5	11,320	1,769	296,327	42,004
<b>Pembuatan keretapi dan rolling stock</b> <i>Manufacture of railway and rolling stock</i>	<b>302</b>	2,801	2,612	189	-	-	2,612	189	100,773	4,154
<b>Pembuatan pesawat dan kapal angkasa dan jentera berkaitan</b> <i>Manufacture of air and spacecraft and related machinery</i>	<b>303</b>	9,004	7,052	1,952	-	-	7,052	1,952	233,573	73,006
<b>Pembuatan kenderaan tempur ketenteraan;</b>	<b>304</b>	18,345	14,740	3,605	19	3	14,721	3,602	522,025	97,969
<b>Pembuatan kelengkapan pengangkutan t.t.t.l.</b> <i>Manufacture of military fighting vehicles</i> <i>Manufacture of transport equipment n.e.c</i>	<b>309</b>									

**Jadual 13 - Bilangan pekerja mengikut kumpulan dan jantina, 2015 (samb.)**  
 Table 13 - Number of persons engaged by group and sex, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Jumlah pekerja <i>Total number of persons engaged</i>		Pemilik yang bekerja, rakan niaga yang aktif dan pekerja keluarga tidak <i>Working proprietors, active business partners and unpaid family workers</i>		Pekerja bergaji <i>Paid employees</i>		Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>	
			Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Lelaki <i>Male</i> (RM '000)	Perempuan <i>Female</i> (RM '000)
<b>Pembuatan perabot</b> <i>Manufacture of furniture</i>	<b>310</b>	84,653	67,777	16,876	1,260	160	66,517	16,716	1,452,994	384,578
<b>Pembuatan barang kemas, bijouterie dan artikel berkaitan</b> <i>Manufacture of jewellery, bijouterie and related articles</i>	<b>321</b>	5,894	3,560	2,334	167	36	3,393	2,298	115,478	76,673
<b>Pembuatan instrumen muzik</b> <i>Manufacture of musical instruments</i>	<b>322</b>	37	31	6	7	4	24	2	552	64
<b>Pembuatan barangan sukan</b> <i>Manufacture of sports goods</i>	<b>323</b>	1,714	1,248	466	3	-	1,245	466	26,419	10,539
<b>Pembuatan permainan dan mainan</b> <i>Manufacture of games and toys</i>	<b>324</b>	6,283	2,426	3,857	4	2	2,422	3,855	58,006	73,602
<b>Pembuatan peralatan dan bekalan perubatan dan pergigian</b> <i>Manufacture of medical and dental instrument and supplies</i>	<b>325</b>	6,550	3,252	3,298	140	30	3,112	3,268	92,157	70,227
<b>Pembuatan lain t.t.t.l.</b> <i>Other manufacturing n.e.c.</i>	<b>329</b>	17,435	11,258	6,177	543	132	10,715	6,045	292,521	152,711
<b>Pembaikan produk logam yang direka, jentera dan kelengkapan</b> <i>Repair of fabricated metal products, machinery and equipment</i>	<b>331</b>	38,975	32,278	6,697	1,514	162	30,764	6,535	936,758	197,093
<b>Pemasangan bagi perindustrian mesin dan kelengkapan</b> <i>Installation of industrial machinery and equipment</i>	<b>332</b>	4,827	3,557	1,270	47	8	3,510	1,262	91,632	29,747

Jadual 14 - Bilangan pekerja dan gaji & upah yang dibayar mengikut kewarganegaraan dan jantina, 2015

Table 14 - Number of persons engaged and salaries & wages by citizenship and sex, 2015

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Bilangan pekerja <i>Number of persons engaged</i>				Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
			Lelaki <i>Male</i>		Perempuan <i>Female</i>		
			Warganegara Malaysia <i>Malaysian</i> <i>Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian</i> <i>Citezens</i>	Warganegara Malaysia <i>Malaysian</i> <i>Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian</i> <i>Citezens</i>	
			(RM '000)				
<b>Jumlah</b> <i>Total</i>		<b>2,119,158</b>	<b>1,025,454</b>	<b>405,336</b>	<b>545,069</b>	<b>143,299</b>	<b>65,495,282</b>
<b>Pemprosesan dan pengawetan daging</b> <i>Processing and preserving of meat</i>	<b>101</b>	13,217	6,220	3,401	3,112	484	363,760
<b>Pemprosesan dan pengawetan ikan, krustasea dan moluska</b> <i>Processing and preserving of fish, crustaceans and molluscs</i>	<b>102</b>	16,364	5,610	2,711	6,346	1,697	301,391
<b>Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran</b> <i>Processing and preserving of fruits and vegetables</i>	<b>103</b>	8,165	3,631	1,505	2,620	409	175,709
<b>Pembuatan minyak dan lemak sayuran dan haiwan</b> <i>Manufacture of vegetable and animal oils and fats</i>	<b>104</b>	74,975	43,367	18,257	10,437	2,914	2,402,392
<b>Pembuatan produk tenusu</b> <i>Manufacture of dairy products</i>	<b>105</b>	12,326	6,994	2,300	2,832	200	501,525
<b>Pembuatan produk bijian, kanji dan produk berkanji</b> <i>Manufacture of grain mill products, starches and starch products</i>	<b>106</b>	9,112	5,253	1,624	1,950	285	287,772
<b>Pembuatan produk makanan lain</b> <i>Manufacture of other food products</i>	<b>107</b>	112,290	48,949	16,513	41,149	5,679	2,751,864

Jadual 14 - Bilangan pekerja dan gaji & upah yang dibayar mengikut kewarganegaraan dan jantina, 2015 (samb.)  
 Table 14 - Number of persons engaged and salaries & wages by citizenship and sex, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Bilangan pekerja <i>Number of persons engaged</i>				Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
			Lelaki <i>Male</i>		Perempuan <i>Female</i>		
			Warganegara Malaysia <i>Malaysian</i> <i>Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian</i> <i>Citezens</i>	Warganegara Malaysia <i>Malaysian</i> <i>Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian</i> <i>Citezens</i>	
<b>Pembuatan makanan haiwan tersedia</b> <i>Manufacture of prepared animal feeds</i>	<b>108</b>	10,459	4,850	3,262	1,876	471	408,723
<b>Pembuatan minuman</b> <i>Manufacture of beverages</i>	<b>110</b>	14,792	8,075	2,225	3,943	549	436,755
<b>Pembuatan produk tembakau</b> <i>Manufacture of tobacco products</i>	<b>120</b>	2,179	762	665	468	284	111,503
<b>Pemintalan, penenunan dan penyiapan tekstil</b> <i>Spining, weaving and finishing of textiles</i>	<b>131</b>	15,033	6,458	3,717	3,868	990	354,686
<b>Pembuatan tekstil lain</b> <i>Manufacture of other textiles</i>	<b>139</b>	14,848	5,669	4,276	3,843	1,060	317,103
<b>Pembuatan pakaian, kecuali pakaian berbulu</b> <i>Manufacture of wearing apparel, except fur apparel</i>	<b>141</b>	59,628	14,057	9,617	28,499	7,455	1,047,071
<b>Pembuatan artikel bulu</b> <i>Manufacture of articles of fur</i>	<b>142</b>	321	137	83	86	15	6,456
<b>Pembuatan pakaian yang dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted apparel</i>	<b>143</b>	1,583	664	135	704	80	29,329
<b>Penyamakan dan pembersihan kulit, pembuatan begasi, beg tangan, pelana dan abah-abah; pembersihan dan pewarnaan bulu</b> <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	<b>151</b>	4,495	1,617	1,410	1,294	174	111,892

Jadual 14 - Bilangan pekerja dan gaji & upah yang dibayar mengikut kewarganegaraan dan jantina, 2015 (samb.)  
 Table 14 - Number of persons engaged and salaries & wages by citizenship and sex, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Bilangan pekerja <i>Number of persons engaged</i>				Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
			Lelaki <i>Male</i>		Perempuan <i>Female</i>		
			Warganegara Malaysia <i>Malaysian</i> <i>Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian</i> <i>Citezens</i>	Warganegara Malaysia <i>Malaysian</i> <i>Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian</i> <i>Citezens</i>	
<b>Pembuatan kasut</b> <i>Manufacture of footwear</i>	<b>152</b>	6,335	2,646	1,726	1,693	270	170,844
<b>Pengilangan dan pengetaman kayu</b> <i>Sawmilling and planning of wood</i>	<b>161</b>	30,060	15,589	8,683	4,519	1,269	642,243
<b>Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain</b> <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	<b>162</b>	73,055	25,280	30,123	8,643	9,009	1,644,617
<b>Pembuatan kertas dan produk kertas</b> <i>Manufacture of paper and paper products</i>	<b>170</b>	53,730	27,669	10,607	13,292	2,162	1,560,879
<b>Percetakan dan aktiviti perkhidmatan berkaitan percetakan</b> <i>Printing and service activities related to printing</i>	<b>181</b>	56,651	30,818	7,737	15,877	2,219	1,528,460
<b>Penerbitan semula media rakaman</b> <i>Reproduction of recorded media</i>	<b>182</b>	288	184	28	74	2	7,569
<b>Pembuatan produk petroleum bertapis</b> <i>Manufacture of refined petroleum products</i>	<b>192</b>	16,939	12,604	1,551	2,445	339	1,328,148
<b>Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer</b> <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	<b>201</b>	51,814	32,585	8,617	9,275	1,337	2,354,407

**Jadual 14 - Bilangan pekerja dan gaji & upah yang dibayar mengikut kewarganegaraan dan jantina, 2015 (samb.)**  
*Table 14 - Number of persons engaged and salaries & wages by citizenship and sex, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Bilangan pekerja <i>Number of persons engaged</i>				Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
			Lelaki <i>Male</i>		Perempuan <i>Female</i>		
			Warganegara Malaysia <i>Malaysian</i> <i>Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian</i> <i>Citezens</i>	Warganegara Malaysia <i>Malaysian</i> <i>Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian</i> <i>Citezens</i>	
<b>Pembuatan produk kimia lain</b> <i>Manufacture of other chemical products</i>	<b>202</b>	49,142	25,520	7,216	12,929	3,477	1,679,141
<b>Pembuatan serat buatan manusia</b> <i>Manufacture of man-made fibres</i>	<b>203</b>	495	411	34	48	2	18,839
<b>Pembuatan produk farmaseutikal, kimia perubatan dan botani</b> <i>Manufacture of pharmaceuticals, medical chemical and botanical products</i>	<b>210</b>	17,335	9,310	924	6,591	510	535,180
<b>Pembuatan produk getah</b> <i>Manufacture of rubber products</i>	<b>221</b>	104,285	41,525	31,595	24,257	6,908	2,744,720
<b>Pembuatan produk plastik</b> <i>Manufacture of plastic products</i>	<b>222</b>	136,074	60,534	32,149	33,436	9,955	3,930,145
<b>Pembuatan kaca dan produk kaca</b> <i>Manufacture of glass and glass products</i>	<b>231</b>	15,014	8,885	2,924	2,667	538	525,224
<b>Pembuatan produk mineral bukan logam t.t.t.l.</b> <i>Manufacture of non-metallic mineral products n.e.c.</i>	<b>239</b>	83,663	49,653	19,490	12,579	1,941	2,670,817
<b>Pembuatan besi asas dan keluli</b> <i>Manufacture of basic iron and steel</i>	<b>241</b>	49,895	32,366	8,722	7,932	875	1,726,863
<b>Pembuatan logam asas berharga dan logam bukan ferus lain</b> <i>Manufacture of basic precious and other non-ferrous metals</i>	<b>242</b>	33,824	17,822	9,148	6,191	663	1,069,555

Jadual 14 - Bilangan pekerja dan gaji & upah yang dibayar mengikut kewarganegaraan dan jantina, 2015 (samb.)  
 Table 14 - Number of persons engaged and salaries & wages by citizenship and sex, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Bilangan pekerja <i>Number of persons engaged</i>				Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
			Lelaki <i>Male</i>		Perempuan <i>Female</i>		
			Warganegara Malaysia <i>Malaysian Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian Citezens</i>	Warganegara Malaysia <i>Malaysian Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian Citezens</i>	
<b>Pengacuan logam</b> <i>Casting of metals</i>	<b>243</b>	13,556	7,227	3,719	2,214	396	361,560
<b>Pembuatan produk struktur logam, tangki, takungan dan penjana wap; Pembuatan senjata dan peluru</b> <i>Manufacture of structural metal products, tanks, reservoirs and steam generators; Manufacture of weapons and ammunition</i>	<b>251</b> } <b>252</b>	50,645	33,160	9,184	7,529	772	1,259,803
<b>Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam</b> <i>Manufacture of other fabricated metal products; metalworking service activities</i>	<b>259</b>	85,461	45,587	19,224	18,051	2,599	2,404,513
<b>Pembuatan komponen dan papan elektronik</b> <i>Manufacture of electronic components and boards</i>	<b>261</b>	194,101	73,299	15,762	79,370	25,670	7,664,979
<b>Pembuatan komputer dan kelengkapan peranti</b> <i>Manufacture of computers and peripheral equipment</i>	<b>262</b>	61,624	24,701	3,949	19,921	13,053	2,179,575
<b>Pembuatan peralatan komunikasi</b> <i>Manufacture of communication equipment</i>	<b>263</b>	23,676	6,209	1,671	10,730	5,066	851,874
<b>Pembuatan elektronik pengguna</b> <i>Manufacture of consumer electronics</i>	<b>264</b>	31,868	10,306	3,106	12,663	5,793	1,138,817

Jadual 14 - Bilangan pekerja dan gaji & upah yang dibayar mengikut kewarganegaraan dan jantina, 2015 (samb.)  
 Table 14 - Number of persons engaged and salaries & wages by citizenship and sex, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Bilangan pekerja <i>Number of persons engaged</i>				Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
			Lelaki <i>Male</i>		Perempuan <i>Female</i>		
			Warganegara Malaysia <i>Malaysian</i> <i>Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian</i> <i>Citezens</i>	Warganegara Malaysia <i>Malaysian</i> <i>Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian</i> <i>Citezens</i>	
<b>Pembuatan kelengkapan mengukur, menguji, mengemudi (memandu arah) dan kawalan; jam tangan dan jam</b> <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	<b>265</b>	25,879	9,594	1,996	11,991	2,298	1,057,508
<b>Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik</b> <i>Manufacture of irradiation, electro medical and electrotherapeutic equipment</i>	<b>266</b>	13,214	4,642	823	6,763	986	495,974
<b>Pembuatan peralatan optikal dan alatan fotografi</b> <i>Manufacture of optical instruments and photographic equipment</i>	<b>267</b>	5,438	1,476	116	2,646	1,200	175,079
<b>Pembuatan media magnetik dan optikal</b> <i>Manufacture of magnetic and optical media</i>	<b>268</b>	496	322	34	133	7	14,862
<b>Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik</b> <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	<b>271</b>	33,337	12,703	4,607	11,025	5,002	905,353
<b>Pembuatan bateri dan akumulator</b> <i>Manufacture of batteries and accumulators</i>	<b>272</b>	4,639	2,578	990	788	283	159,104

Jadual 14 - Bilangan pekerja dan gaji & upah yang dibayar mengikut kewarganegaraan dan jantina, 2015 (samb.)  
 Table 14 - Number of persons engaged and salaries & wages by citizenship and sex, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Bilangan pekerja <i>Number of persons engaged</i>				Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
			Lelaki <i>Male</i>		Perempuan <i>Female</i>		
			Warganegara Malaysia <i>Malaysian Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian Citezens</i>	Warganegara Malaysia <i>Malaysian Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian Citezens</i>	
<b>Pembuatan pendawaian dan alatan pendawaian</b> <i>Manufacture of wiring and wiring devices</i>	<b>273</b>	20,720	10,535	2,734	6,254	1,197	729,393
<b>Pembuatan kelengkapan pencahayaan elektrik</b> <i>Manufacture of electric lighting equipment</i>	<b>274</b>	4,085	1,906	800	1,179	200	109,114
<b>Pembuatan perkakasan domestik</b> <i>Manufacture of domestic appliances</i>	<b>275</b>	15,081	7,698	3,420	3,578	385	530,355
<b>Pembuatan kelengkapan elektrik lain</b> <i>Manufacture of other electrical equipment</i>	<b>279</b>	8,354	3,899	1,644	2,308	503	223,585
<b>Pembuatan jentera kegunaan umum</b> <i>Manufacture of general-purpose machinery</i>	<b>281</b>	44,016	26,486	6,594	9,445	1,491	1,429,936
<b>Pembuatan mesin bagi tujuan khas</b> <i>Manufacture of special-purpose machinery</i>	<b>282</b>	41,970	21,973	11,310	7,170	1,517	1,431,617
<b>Pembuatan kenderaan bermotor</b> <i>Manufacture of motor vehicles</i>	<b>291</b>	28,585	22,917	1,922	3,544	202	1,372,292
<b>Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler</b> <i>Manufacture of bodies(coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	<b>292</b>	4,654	2,561	1,293	687	113	128,347
<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	<b>293</b>	49,677	25,689	10,540	10,752	2,696	1,694,480

Jadual 14 - Bilangan pekerja dan gaji & upah yang dibayar mengikut kewarganegaraan dan jantina, 2015 (samb.)  
 Table 14 - Number of persons engaged and salaries & wages by citizenship and sex, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Bilangan pekerja <i>Number of persons engaged</i>				Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
			Lelaki <i>Male</i>		Perempuan <i>Female</i>		
			Warganegara Malaysia <i>Malaysian Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian Citezens</i>	Warganegara Malaysia <i>Malaysian Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian Citezens</i>	
<b>Pembinaan kapal dan bot</b> <i>Building of ships and boats</i>	<b>301</b>	13,178	8,904	2,500	1,640	134	338,331
<b>Pembuatan keretapi dan <i>rolling stock</i></b> <i>Manufacture of railway and rolling stock</i>	<b>302</b>	2,801	2,032	580	157	32	104,927
<b>Pembuatan pesawat dan kapal angkasa dan jentera berkaitan</b> <i>Manufacture of air and spacecraft and related machinery</i>	<b>303</b>	9,004	6,240	812	1,854	98	306,579
<b>Pembuatan kenderaan tempur ketenteraan;</b>	<b>304</b> }	18,345	8,771	5,969	2,833	772	619,994
<b>Pembuatan kelengkapan pengangkutan t.t.t.l.</b> <i>Manufacture of military fighting vehicles; Manufacture of transport equipment n.e.c.</i>	<b>309</b>						
<b>Pembuatan perabot</b> <i>Manufacture of furniture</i>	<b>310</b>	84,653	40,543	27,234	14,444	2,432	1,837,571
<b>Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan</b> <i>Manufacture of jewellery, bijouterie and related articles</i>	<b>321</b>	5,894	2,974	586	1,863	471	192,151
<b>Pembuatan instrumen muzik</b> <i>Manufacture of musical instruments</i>	<b>322</b>	37	28	3	6	-	616

**Jadual 14 - Bilangan pekerja dan gaji & upah yang dibayar mengikut kewarganegaraan dan jantina, 2015 (samb.)**  
*Table 14 - Number of persons engaged and salaries & wages by citizenship and sex, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Bilangan pekerja <i>Number of persons engaged</i>				Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>
			Lelaki <i>Male</i>		Perempuan <i>Female</i>		
			Warganegara Malaysia <i>Malaysian</i> <i>Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian</i> <i>Citezens</i>	Warganegara Malaysia <i>Malaysian</i> <i>Citezens</i>	Bukan Warganegara Malaysia <i>Non-Malaysian</i> <i>Citezens</i>	
<b>Pembuatan barangan sukan</b> <i>Manufacture of sports goods</i>	<b>323</b>	1,714	751	497	439	27	36,958
<b>Pembuatan permainan dan mainan</b> <i>Manufacture of games and toys</i>	<b>324</b>	6,283	1,808	618	2,281	1,576	131,608
<b>Pembuatan peralatan dan bekalan perubatan dan pergigian</b> <i>Manufacture of medical and dental instrument and supplies</i>	<b>325</b>	6,550	2,398	854	2,711	587	162,384
<b>Pembuatan lain t.t.t.l.</b> <i>Other manufacturing n.e.c.</i>	<b>329</b>	17,435	9,198	2,060	5,436	741	445,232
<b>Pembaikan produk logam yang direka, jentera dan kelengkapan</b> <i>Repair of fabricated metal products, machinery and equipment</i>	<b>331</b>	38,975	27,811	4,467	6,107	590	1,133,852
<b>Pemasangan bagi perindustrian mesin dan kelengkapan</b> <i>Installation of industrial machinery and equipment</i>	<b>332</b>	4,827	2,814	743	1,082	188	121,379

**Jadual 15 - Bilangan pekerja dan gaji & upah yang dibayar mengikut kemahiran pekerja dan jantina, 2015**

*Table 15 - Number of persons engaged and salaries & wages by skill and sex, 2015*

Kategori kemahiran pekerja <i>Category of workers skilled</i>	Bilangan pekerja <i>Number of persons engaged</i>			Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	
<b>Jumlah *</b> <i>Total</i>	<b>2,075,446</b>	<b>1,404,749</b>	<b>670,697</b>	<b>65,329,827</b>
<b>Pekerja Mahir</b> <i>High-Skilled workers</i>	367,606	278,293	89,313	28,024,550
<b>Pekerja Separuh Mahir</b> <i>Semi-Skilled workers</i>	1,559,575	1,019,204	540,371	34,669,034
<b>Pekerja Kurang Mahir</b> <i>Low-Skilled workers</i>	148,265	107,252	41,013	2,636,244

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**Nota/Note**

\* Tidak termasuk pemilik yang bekerja dan rakan niaga yang aktif, pekerja keluarga tidak bergaji dan pekerja bergaji (sambilan)  
*Excludes working proprietors and active business partners, unpaid family workers and paid employees (part-time)*

Jadual 16 - Gaji & upah yang dibayar bagi pekerja pengeluaran mengikut kumpulan, 2015  
 Table 16 - Salaries & wages paid for production workers by group, 2015

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>		Jumlah pekerja pengeluaran <i>Total production workers</i>	
			Bilangan Numbers	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Bilangan Numbers	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)
<b>Jumlah Total</b>		<b>49,101</b>	<b>2,119,158</b>	<b>65,495,282</b>	<b>1,332,155</b>	<b>28,689,356</b>
<b>Pemprosesan dan pengawetan daging</b> <i>Processsing and preserving of meat</i>	<b>101</b>	220	13,217	363,760	8,959	213,407
<b>Pemprosesan dan pengawetan ikan, krustasea dan moluska</b> <i>Processing and preserving of fish, crustaceans and molluscs</i>	<b>102</b>	664	16,364	301,391	10,165	158,265
<b>Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran</b> <i>Processing and preserving of fruits and vegetables</i>	<b>103</b>	420	8,165	175,709	4,672	81,367
<b>Pembuatan minyak dan lemak sayuran dan haiwan</b> <i>Manufacture of vegetable and animal oils and fats</i>	<b>104</b>	632	74,975	2,402,392	46,522	1,029,536
<b>Pembuatan produk tenusu</b> <i>Manufacture of dairy products</i>	<b>105</b>	136	12,326	501,525	8,608	263,567
<b>Pembuatan produk bijian, kanji dan produk berkanji</b> <i>Manufacture of grain mill products, starches and starch products</i>	<b>106</b>	283	9,112	287,772	5,709	129,525
<b>Pembuatan produk makanan lain</b> <i>Manufacture of other food products</i>	<b>107</b>	5,580	112,290	2,751,864	63,980	1,221,524
<b>Pembuatan makanan haiwan tersedia</b> <i>Manufacture of prepared animal feeds</i>	<b>108</b>	128	10,459	408,723	7,345	180,140

**Jadual 16 - Gaji & upah yang dibayar bagi pekerja pengeluaran mengikut kumpulan, 2015 (samb.)**  
*Table 16 - Salaries & wages paid for production workers by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>		Jumlah pekerja pengeluaran <i>Total production workers</i>	
			Bilangan Numbers	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)	Bilangan Numbers	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)
<b>Pembuatan minuman</b> <i>Manufacture of beverages</i>	<b>110</b>	432	14,792	436,755	8,065	170,479
<b>Pembuatan produk tembakau</b> <i>Manufacture of tobacco products</i>	<b>120</b>	26	2,179	111,503	862	30,127
<b>Pemintalan, penenunan dan penyiapan tekstil</b> <i>Spining, weaving and finishing of textiles</i>	<b>131</b>	490	15,033	354,686	8,222	134,601
<b>Pembuatan tekstil lain</b> <i>Manufacture of other textiles</i>	<b>139</b>	734	14,848	317,103	8,425	143,518
<b>Pembuatan pakaian, kecuali pakaian berbulu</b> <i>Manufacture of wearing apparel, except fur apparel</i>	<b>141</b>	7,474	59,628	1,047,071	28,009	467,719
<b>Pembuatan artikel bulu</b> <i>Manufacture of articles of fur</i>	<b>142</b>	6	321	6,456	250	4,324
<b>Pembuatan pakaian yang dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted apparel</i>	<b>143</b>	32	1,583	29,329	542	8,610
<b>Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah; pembersihan dan pewarnaan bulu</b> <i>Tranning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	<b>151</b>	107	4,495	111,892	3,034	56,058
<b>Pembuatan kasut</b> <i>Manufacture of footwear</i>	<b>152</b>	268	6,335	170,844	4,163	73,029

**Jadual 16 - Gaji & upah yang dibayar bagi pekerja pengeluaran mengikut kumpulan, 2015 (samb.)**  
*Table 16 - Salaries & wages paid for production workers by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>		Jumlah pekerja pengeluaran <i>Total production workers</i>	
			Bilangan <i>Numbers</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)	Bilangan <i>Numbers</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)
<b>Pengilangan dan pengetaman kayu</b> <i>Sawmilling and planning of wood</i>	<b>161</b>	657	30,060	642,243	18,540	337,720
<b>Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain</b> <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	<b>162</b>	1,137	73,055	1,644,617	38,281	691,219
<b>Pembuatan kertas dan produk kertas</b> <i>Manufacture of paper and paper products</i>	<b>170</b>	936	53,730	1,560,879	33,557	684,458
<b>Percetakan dan aktiviti perkhidmatan berkaitan percetakan</b> <i>Printing and service activities related to printing</i>	<b>181</b>	3,192	56,651	1,528,460	33,019	675,663
<b>Penerbitan semula media rakaman</b> <i>Reproduction of recorded media</i>	<b>182</b>	21	288	7,569	125	2,565
<b>Pembuatan produk petroleum bertapis</b> <i>Manufacture of refined petroleum products</i>	<b>192</b>	124	16,939	1,328,148	8,317	302,670
<b>Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer</b> <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	<b>201</b>	607	51,814	2,354,407	31,803	887,326
<b>Pembuatan produk kimia lain</b> <i>Manufacture of other chemical products</i>	<b>202</b>	854	49,142	1,679,141	31,299	655,604

**Jadual 16 - Gaji & upah yang dibayar bagi pekerja pengeluaran mengikut kumpulan, 2015 (samb.)**  
*Table 16 - Salaries & wages paid for production workers by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>		Jumlah pekerja pengeluaran <i>Total production workers</i>	
			Bilangan Numbers	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Bilangan Numbers	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)
<b>Pembuatan serat buatan manusia</b> <i>Manufacture of man-made fibres</i>	<b>203</b>	12	495	18,839	234	5,384
<b>Pembuatan produk farmaseutikal, kimia perubatan dan botani</b> <i>Manufacture of pharmaceuticals, medical chemical and botanical products</i>	<b>210</b>	371	17,335	535,180	9,974	215,231
<b>Pembuatan produk getah</b> <i>Manufacture of rubber products</i>	<b>221</b>	670	104,285	2,744,720	78,706	1,558,557
<b>Pembuatan produk plastik</b> <i>Manufacture of plastic products</i>	<b>222</b>	1,958	136,074	3,930,145	93,334	1,964,404
<b>Pembuatan kaca dan produk kaca</b> <i>Manufacture of glass and glass products</i>	<b>231</b>	432	15,014	525,224	9,954	267,653
<b>Pembuatan produk mineral bukan logam t.t.t.l.</b> <i>Manufacture of non-metallic mineral products n.e.c.</i>	<b>239</b>	1,640	83,663	2,670,817	53,914	1,323,418
<b>Pembuatan besi dan keluli asas</b> <i>Manufacture of basic iron and steel</i>	<b>241</b>	798	49,895	1,726,863	31,557	731,113
<b>Pembuatan logam asas berharga dan logam bukan ferus lain</b> <i>Manufacture of basic precious and other non-ferrous metals</i>	<b>242</b>	421	33,824	1,069,555	22,515	542,279
<b>Pengacuan logam</b> <i>Casting of metals</i>	<b>243</b>	338	13,556	361,560	9,158	186,385

Jadual 16 - Gaji & upah yang dibayar bagi pekerja pengeluaran mengikut kumpulan, 2015 (samb.)  
Table 16 - Salaries & wages paid for production workers by group, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>		Jumlah pekerja pengeluaran <i>Total production workers</i>	
			Bilangan Numbers	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Bilangan Numbers	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)
<b>Pembuatan produk struktur logam, tangki, takungan dan penjana wap;</b>	251	3,232	50,645	1,259,803	29,085	593,224
<b>Pembuatan senjata dan peluru</b> <i>Manufacture of structural metal products, tanks, reservoirs and steam generators;</i> <i>Manufacture of weapons and ammunition</i>	252					
<b>Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam</b> <i>Manufacture of other fabricated metal products;</i> <i>metalworking service activities</i>	259	2,144	85,461	2,404,513	52,930	1,050,961
<b>Pembuatan komponen dan papan elektronik</b> <i>Manufacture of electronic components and boards</i>	261	509	194,101	7,664,979	125,101	2,860,545
<b>Pembuatan komputer dan kelengkapan peranti</b> <i>Manufacture of computers and peripheral equipment</i>	262	108	61,624	2,179,575	43,694	935,504
<b>Pembuatan peralatan komunikasi</b> <i>Manufacture of communication equipment</i>	263	76	23,676	851,874	16,519	358,417
<b>Pembuatan elektronik pengguna</b> <i>Manufacture of consumer electronics</i>	264	101	31,868	1,138,817	20,386	425,836
<b>Pembuatan kelengkapan mengukur, menguji, mengemudi (memandu arah) dan kawalan; jam tangan dan jam</b> <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	265	120	25,879	1,057,508	16,022	373,112



**Jadual 16 - Gaji & upah yang dibayar bagi pekerja pengeluaran mengikut kumpulan, 2015 (samb.)**  
*Table 16 - Salaries & wages paid for production workers by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>		Jumlah pekerja pengeluaran <i>Total production workers</i>	
			Bilangan Numbers	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)	Bilangan Numbers	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)
<b>Pembuatan jentera kegunaan umum</b> <i>Manufacture of general-purpose machinery</i>	<b>281</b>	925	44,016	1,429,936	27,463	613,363
<b>Pembuatan mesin bagi tujuan khas</b> <i>Manufacture of special-purpose machinery</i>	<b>282</b>	1,015	41,970	1,431,617	26,458	646,729
<b>Pembuatan kenderaan bermotor</b> <i>Manufacture of motor vehicles</i>	<b>291</b>	78	28,585	1,372,292	17,888	591,226
<b>Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler</b> <i>Manufacture of bodies(coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	<b>292</b>	139	4,654	128,347	2,966	60,166
<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	<b>293</b>	525	49,677	1,694,480	34,364	790,176
<b>Pembinaan kapal dan bot</b> <i>Building of ships and boats</i>	<b>301</b>	252	13,178	338,331	5,872	125,127
<b>Pembuatan keretapi dan rolling stock</b> <i>Manufacture of railway and rolling stock</i>	<b>302</b>	5	2,801	104,927	2,327	78,750
<b>Pembuatan pesawat dan kapal angkasa dan jentera berkaitan</b> <i>Manufacture of air and spacecraft and related machinery</i>	<b>303</b>	31	9,004	306,579	6,036	139,481

**Jadual 16 - Gaji & upah yang dibayar bagi pekerja pengeluaran mengikut kumpulan, 2015 (samb.)**  
*Table 16 - Salaries & wages paid for production workers by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>		Jumlah pekerja pengeluaran <i>Total production workers</i>	
			Bilangan <i>Numbers</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)	Bilangan <i>Numbers</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)
<b>Pembuatan kenderaan tempur ketenteraan;</b>	<b>304</b>	92	18,345	619,994	13,390	304,640
<b>Pembuatan kelengkapan pengangkutan t.t.t.l.</b> <i>Manufacture of military fighting vehicles;</i> <i>Manufacture of transport equipment n.e.c.</i>	<b>309</b>					
<b>Pembuatan perabot</b> <i>Manufacture of furniture</i>	<b>310</b>	2,521	84,653	1,837,571	52,239	897,617
<b>Pembuatan barang kemas, bijouterie dan artikel berkaitan</b> <i>Manufacture of jewellery, bijouterie and related articles</i>	<b>321</b>	290	5,894	192,150	3,319	73,521
<b>Pembuatan instrumen muzik</b> <i>Manufacture of musical instruments</i>	<b>322</b>	6	37	616	17	382
<b>Pembuatan barangan sukan</b> <i>Manufacture of sports goods</i>	<b>323</b>	36	1,714	36,958	1,200	17,972
<b>Pembuatan permainan dan mainan</b> <i>Manufacture of games and toys</i>	<b>324</b>	32	6,283	131,608	5,436	86,626
<b>Pembuatan peralatan dan bekalan perubatan dan pegisian</b> <i>Manufacture of medical and dental Instrument and supplies</i>	<b>325</b>	238	6,550	162,384	4,709	82,793
<b>Pembuatan lain t.t.t.l.</b> <i>Other manufacturing n.e.c.</i>	<b>329</b>	888	17,435	445,232	9,970	197,218

**Jadual 16 - Gaji & upah yang dibayar bagi pekerja pengeluaran mengikut kumpulan, 2015 (samb.)**  
*Table 16 - Salaries & wages paid for production workers by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>		Jumlah pekerja pengeluaran <i>Total production workers</i>	
			Bilangan <i>Numbers</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)	Bilangan <i>Numbers</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i>  (RM '000)
<b>Pembaikan produk logam yang direka, jentera dan kelengkapan</b> <i>Repair of fabricated metal products, machinery and equipment</i>	<b>331</b>	2,677	38,975	1,133,852	19,067	431,962
<b>Pemasangan bagi perindustrian mesin dan kelengkapan</b> <i>Installation of industrial machinery and equipment</i>	<b>332</b>	191	4,827	121,379	2,622	52,864

**Jadual 17- Nilai harta tetap mengikut jenis harta, 2015**  
*Table 17 - Value of fixed assets by type of assets, 2015*

(RM '000)

Jenis harta <i>Type of assets</i>	Nilai buku bersih seperti pada 01.01.2015 <i>Net book value as at 01.01.2015</i>	Perbelanjaan modal <i>Capital expenditure</i>				Harta yang dijual dalam tahun 2015 <i>Assets sold during 2015</i>	Susut nilai semasa <i>Current depreciation</i>	Nilai buku bersih seperti pada 31.12.2015 <i>Net book value as at 31.12.2015</i>	Sewa yang dibayar dalam tahun 2015 <i>Rent paid during 2015</i>
		Jumlah <i>Total</i>	Pembelian baru <i>New purchases</i>	Pembelian terpakai <i>Used purchases</i>	Membuat / Membina sendiri <i>Self-produced / built</i>				
<b>Jumlah</b> <i>Total</i>	<b>270,152,210</b>	<b>76,470,027</b>	<b>70,783,855</b>	<b>677,071</b>	<b>5,009,101</b>	<b>28,797,017</b>	<b>30,774,642</b>	<b>296,800,506</b>	<b>3,974,491</b>
<b>Harta tetap / Fixed assets</b>									
<b>Tanah / Land</b>	29,171,739	2,427,185	2,427,185	n.a.	n.a.	145,745	282,904	31,263,362	242,230
<b>Bangunan dan binaan lain / Buildings and other construction</b>									
<b>Tempat kediaman / Residential</b>	3,652,599	436,727	410,121	18,533	8,073	90,196	168,538	3,832,289	127,535
<b>Bukan tempat kediaman / Non-residential</b>	63,981,921	8,876,639	7,869,455	183,761	823,423	1,523,621	3,536,646	68,246,855	2,705,027
<b>Binaan lain kecuali pembangunan tanah     Other construction except land improvement</b>	5,876,601	961,122	767,415	4,713	188,995	87,618	581,916	6,183,565	102,420
<b>Pembangunan tanah / Land improvement</b>	1,131,703	52,865	51,013	n.a.	1,852	22,541	42,166	1,131,840	n.a.
<b>Alat pengangkutan / Transport equipment</b>									
<b>Kereta penumpang / Passenger cars</b>	1,720,136	349,392	336,897	12,495	n.a.	42,159	367,565	1,674,523	14,434
<b>Kenderaan perdagangan / Commercial vehicles</b>	9,221,626	986,742	956,845	29,897	n.a.	70,504	1,473,331	8,677,190	221,294
<b>Lain-lain / Others</b>	431,296	174,708	170,305	4,403	n.a.	14,308	60,228	553,250	24,342
<b>Komputer / Computer</b>									
<b>Perkakasan komputer / Computer hardware</b>	2,882,409	911,490	894,186	16,158	1,146	456,307	511,940	2,928,268	4,508
<b>Perisian komputer / Computer software</b>	846,473	141,283	135,380	n.a.	5,903	23,509	147,724	822,189	600
<b>Peralatan telekomunikasi / Telecommunications equipment</b>	1,164,157	117,254	116,510	417	327	7,681	181,259	1,093,090	19,775
<b>Jentera dan kelengkapan / Machinery and equipment</b>	122,248,126	40,890,732	38,794,343	342,266	1,754,123	15,762,116	20,954,856	127,733,232	483,703
<b>Perabot dan pemasangan / Furniture and fittings</b>	7,822,567	6,037,006	5,970,041	54,589	12,376	4,455,174	1,313,061	8,138,214	21,786
<b>Harta lain / Other assets</b>	20,000,857	14,106,883	11,884,158	9,841	2,212,883	6,095,541	1,152,511	34,522,637	6,840

**Jadual 18 - Kumpulan pembuatan dengan bilangan pekerja 20,000 orang dan lebih, 2015**  
 Table 18 - Manufacturing groups with total number of persons engaged 20,000 and above, 2015

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Sumbangan output <i>Output contribution</i> %
<b>Jumlah</b> <i>Total</i>		<b>41,139</b>	<b>1,783,858</b>	<b>100.0</b>
<b>Pembuatan komponen dan papan elektronik</b> <i>Manufacture of electronic components and boards</i>	<b>261</b>	509	194,101	10.9
<b>Pembuatan produk plastik</b> <i>Manufacture of plastics products</i>	<b>222</b>	1,958	136,074	7.6
<b>Pembuatan produk makanan lain</b> <i>Manufacture of other food products</i>	<b>107</b>	5,580	112,290	6.3
<b>Pembuatan produk getah</b> <i>Manufacture of rubber products</i>	<b>221</b>	670	104,285	5.8
<b>Pembuatan produk lain yang direka daripada logam; aktiviti perkhidmatan kerja logam</b> <i>Manufacture of other fabricated metal products; metal working service activities</i>	<b>259</b>	2,144	85,461	4.8
<b>Pembuatan perabot</b> <i>Manufacture of furniture</i>	<b>310</b>	2,521	84,653	4.7
<b>Pembuatan pengeluaran galian bukan logam t.t.t.l.</b> <i>Manufacture of non-metallic mineral products n.e.c.</i>	<b>239</b>	1,640	83,663	4.7
<b>Pembuatan minyak dan lemak sayuran dan haiwan</b> <i>Manufacture of vegetable and animal oils and fats</i>	<b>104</b>	632	74,975	4.2
<b>Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain</b> <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	<b>162</b>	1,137	73,055	4.1

**Jadual 18 - Kumpulan pembuatan dengan bilangan pekerja 20,000 orang dan lebih, 2015 (samb.)**  
 Table 18 - Manufacturing groups with total number of persons engaged 20,000 and above, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Sumbangan output <i>Output contribution</i> %
<b>Pembuatan komputer dan kelengkapan peranti</b> <i>Manufacture of computers and peripheral equipment</i>	<b>262</b>	108	61,624	3.5
<b>Pembuatan pakaian, kecuali pakaian berbulu</b> <i>Manufacture of wearing apparel, except fur apparel</i>	<b>141</b>	7,474	59,628	3.3
<b>Percetakan dan aktiviti perkhidmatan berkaitan percetakan</b> <i>Printing and service activities related to printing</i>	<b>181</b>	3,192	56,651	3.2
<b>Pembuatan kertas dan produk kertas</b> <i>Manufacture of paper and paper products</i>	<b>170</b>	936	53,730	3.0
<b>Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer</b> <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastic and synthetic rubber in primary forms</i>	<b>201</b>	607	51,814	2.9
<b>Pembuatan produk struktur logam, tangki, takungan dan penjana wap</b> <i>Manufacture of structural metal products, tanks, reservoirs and steam generators</i>	<b>251</b>	3,231	50,230	2.8
<b>Pembuatan besi dan keluli asas</b> <i>Manufacture of basic iron and steel</i>	<b>241</b>	798	49,895	2.8
<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	<b>293</b>	525	49,677	2.8
<b>Pembuatan produk kimia lain</b> <i>Manufacture of other chemical products</i>	<b>202</b>	854	49,142	2.8
<b>Pembuatan jentera kegunaan umum</b> <i>Manufacture of general-purpose machinery</i>	<b>281</b>	925	44,016	2.5

**Jadual 18 - Kumpulan pembuatan dengan bilangan pekerja 20,000 orang dan lebih, 2015 (samb.)**  
**Table 18 - Manufacturing groups with total number of persons engaged 20,000 and above, 2015 (cont'd)**

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Bilangan pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Sumbangan output <i>Output contribution</i> %
<b>Pembuatan jentera kegunaan khas</b> <i>Manufacture of special-purpose machinery</i>	<b>282</b>	1,015	41,970	2.4
<b>Pembaikan produk logam yang direka, jentera dan kelengkapan</b> <i>Repair of fabricated metal products, machinery and equipment</i>	<b>331</b>	2,677	38,975	2.2
<b>Pembuatan logam asas berharga dan logam bukan ferus lain</b> <i>Manufacture of basic precious and other non-ferrous metals</i>	<b>242</b>	421	33,824	1.9
<b>Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik</b> <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	<b>271</b>	344	33,337	1.9
<b>Pembuatan elektronik pengguna</b> <i>Manufacture of consumer electronics</i>	<b>264</b>	101	31,868	1.8
<b>Pengilangan dan pengetaman kayu</b> <i>Sawmilling and planing of wood</i>	<b>161</b>	657	30,060	1.7
<b>Pembuatan kenderaan bermotor</b> <i>Manufacture of motor vehicles</i>	<b>291</b>	78	28,585	1.6
<b>Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan; jam tangan dan jam</b> <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	<b>265</b>	120	25,879	1.5
<b>Pembuatan peralatan komunikasi</b> <i>Manufacture of communication equipment</i>	<b>263</b>	76	23,676	1.3
<b>Pembuatan pendawaian dan alatan pendawaian</b> <i>Manufacture of wiring and wiring devices</i>	<b>273</b>	209	20,720	1.2

Jadual 19 - Kumpulan pembuatan dengan nilai output kasar RM10 bilion dan lebih, 2015

Table 19 - Manufacturing groups with value of gross output RM10 billion and above, 2015

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>	Sumbangan output <i>Contribution output</i>
			(RM '000)	%
<b>Jumlah</b> <i>Total</i>		<b>26,799</b>	<b>971,378,110</b>	<b>100.0</b>
<b>Pembuatan komponen dan papan elektronik</b> <i>Manufacture of electronic components and boards</i>	<b>261</b>	509	146,046,376	15.0
<b>Pembuatan produk petroleum bertapis</b> <i>Manufacture of refined petroleum products</i>	<b>192</b>	124	137,901,958	14.2
<b>Pembuatan minyak dan lemak sayuran dan haiwan</b> <i>Manufacture of vegetable and animal oils and fats</i>	<b>104</b>	632	136,782,340	14.1
<b>Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer</b> <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastic and synthetic rubber in primary forms</i>	<b>201</b>	607	72,604,643	7.5
<b>Pembuatan elektronik pengguna</b> <i>Manufacture of consumer electronics</i>	<b>264</b>	101	47,581,261	4.9
<b>Pembuatan komputer dan kelengkapan peranti</b> <i>Manufacture of computers and peripheral equipment</i>	<b>262</b>	108	36,358,401	3.7
<b>Pembuatan pengeluaran galian bukan logam t.t.t.l.</b> <i>Manufacture of non-metallic mineral products n.e.c.</i>	<b>239</b>	1,640	35,240,604	3.6
<b>Pembuatan produk getah</b> <i>Manufacture of rubber products</i>	<b>221</b>	670	33,981,752	3.5
<b>Pembuatan produk lain yang direka daripada logam; aktiviti perkhidmatan kerja logam</b> <i>Manufacture of other fabricated metal products; metal working service activities</i>	<b>259</b>	2,144	33,622,993	3.5
<b>Pembuatan kenderaan bermotor</b> <i>Manufacture of motor vehicles</i>	<b>291</b>	78	31,809,974	3.3
<b>Pembuatan produk plastik</b> <i>Manufacture of plastics products</i>	<b>222</b>	1,958	31,188,698	3.2

**Jadual 19 - Kumpulan pembuatan dengan nilai output kasar RM10 bilion dan lebih, 2015 (samb.)**  
 Table 19 - Manufacturing groups with value of gross output RM10 billion and above, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i>  (RM '000)	Sumbangan output <i>Contribution output</i>  %
<b>Pembuatan produk makanan lain</b> <i>Manufacture of other food products</i>	<b>107</b>	5,580	28,546,850	2.9
<b>Pembuatan besi dan keluli asas</b> <i>Manufacture of basic iron and steel</i>	<b>241</b>	798	25,633,501	2.6
<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	<b>293</b>	525	21,338,984	2.2
<b>Pembuatan produk kimia lain</b> <i>Manufacture of other chemical products</i>	<b>202</b>	854	18,821,151	1.9
<b>Pembuatan produk struktur logam, tangki, takungan dan penjana wap</b> <i>Manufacture of structural metal products, tanks, reservoirs and steam generators</i>	<b>251</b>	3,231	18,597,393	1.9
<b>Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain</b> <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	<b>162</b>	1,137	17,327,118	1.8
<b>Pembuatan jentera kegunaan umum</b> <i>Manufacture of general-purpose machinery</i>	<b>281</b>	925	17,269,986	1.8
<b>Pembuatan kertas dan produk kertas</b> <i>Manufacture of paper and paper products</i>	<b>170</b>	936	16,885,500	1.7
<b>Pembuatan peralatan komunikasi</b> <i>Manufacture of communication equipment</i>	<b>263</b>	76	14,856,650	1.5
<b>Pembuatan logam asas berharga dan logam bukan ferus lain</b> <i>Manufacture of basic precious and other non-ferrous metals</i>	<b>242</b>	421	14,213,998	1.5
<b>Pembuatan perabot</b> <i>Manufacture of furniture</i>	<b>310</b>	2,521	13,010,311	1.3
<b>Pembuatan jentera kegunaan khas</b> <i>Manufacture of special-purpose machinery</i>	<b>282</b>	1,015	11,004,489	1.1
<b>Pembuatan pendawaian dan alatan pendawaian</b> <i>Manufacture of wiring and wiring devices</i>	<b>273</b>	209	10,753,182	1.1

**Jadual 20 - Nilai input perantara mengikut kumpulan, 2015**  
*Table 20 - Value of intermediate input by group, 2015*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai input perantara <i>Value of Intermediate input</i>				
			Jumlah <i>Total</i>	Kos bahan mentah <i>Cost of raw materials</i>	Bahan pembungkus <i>Packing materials</i>	Perkhidmatan bukan perindustrian <i>Non-industrial services</i>	Kos input lain <i>Other input cost</i>
			(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
<b>Jumlah</b> <i>Total</i>		<b>49,101</b>	<b>884,844,630</b>	<b>746,937,303</b>	<b>14,855,922</b>	<b>40,950,156</b>	<b>82,101,249</b>
<b>Pemprosesan dan pengawetan daging</b> <i>Processing and preserving of meat</i>	<b>101</b>	220	4,268,845	3,735,269	84,202	200,878	248,496
<b>Pemprosesan dan pengawetan ikan, krustasea dan moluska</b> <i>Processing and preserving of fish, crustaceans and molluscs</i>	<b>102</b>	664	2,779,114	2,297,947	158,834	132,778	189,555
<b>Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran</b> <i>Processing and preserving of fruits and vegetables</i>	<b>103</b>	420	839,502	563,763	65,940	59,442	150,357
<b>Pembuatan minyak dan lemak sayuran dan haiwan</b> <i>Manufacture of vegetable and animal oils and fats</i>	<b>104</b>	632	122,801,222	113,363,631	940,847	3,171,353	5,325,391
<b>Pembuatan produk tenusu</b> <i>Manufacture of dairy products</i>	<b>105</b>	136	7,298,377	5,736,532	701,746	265,150	594,950
<b>Pembuatan produk bijian, kanji dan produk berkanji</b> <i>Manufacture of grain mill products, starches and starch products</i>	<b>106</b>	283	5,216,081	4,706,467	147,399	178,495	183,720
<b>Pembuatan produk makanan lain</b> <i>Manufacture of other food products</i>	<b>107</b>	5,580	21,561,787	16,808,879	1,462,876	1,448,276	1,841,757
<b>Pembuatan makanan haiwan tersedia</b> <i>Manufacture of prepared animal feeds</i>	<b>108</b>	128	7,208,415	6,036,984	130,804	374,437	666,191

**Jadual 20 - Nilai input perantara mengikut kumpulan, 2015 (samb.)**  
*Table 20 - Value of intermediate input by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai input perantara <i>Value of Intermediate input</i>				
			Jumlah <i>Total</i>	Kos bahan mentah <i>Cost of raw materials</i>	Bahan pembungkus <i>Packing materials</i>	Perkhidmatan bukan perindustrian <i>Non-industrial services</i>	Kos input lain <i>Other input cost</i>
			(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
<b>Pembuatan minuman</b> <i>Manufacture of beverages</i>	<b>110</b>	432	6,774,476	4,090,534	1,695,226	329,843	658,873
<b>Pembuatan produk tembakau</b> <i>Manufacture of tobacco products</i>	<b>120</b>	26	2,258,339	1,936,979	126,671	79,592	115,098
<b>Pemintalan, penenunan dan penyiapan tekstil</b> <i>Spining, weaving and finishing of textiles</i>	<b>131</b>	490	4,521,150	3,351,584	92,789	230,117	846,659
<b>Pembuatan tekstil lain</b> <i>Manufacture of other textiles</i>	<b>139</b>	734	2,019,331	1,695,062	53,931	103,971	166,367
<b>Pembuatan pakaian, kecuali pakaian berbulu</b> <i>Manufacture of wearing apparel, except fur apparel</i>	<b>141</b>	7,474	5,019,696	3,623,567	327,079	352,337	716,714
<b>Pembuatan artikel bulu</b> <i>Manufacture of articles of fur</i>	<b>142</b>	6	37,711	30,820	768	2,542	3,581
<b>Pembuatan pakaian yang dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted apparel</i>	<b>143</b>	32	225,333	169,621	1,945	30,029	23,737
<b>Penyamakan dan pembersihan kulit, pembuatan begasi, beg tangan, pelana dan abah-abah; pembersihan dan pewarnaan bulu</b> <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	<b>151</b>	107	662,645	578,002	5,837	32,931	45,876
<b>Pembuatan kasut</b> <i>Manufacture of footwear</i>	<b>152</b>	268	677,370	454,318	17,598	40,819	164,634

**Jadual 20 - Nilai input perantara mengikut kumpulan, 2015 (samb.)**  
*Table 20 - Value of intermediate input by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai input perantara <i>Value of Intermediate input</i>				
			Jumlah <i>Total</i>	Kos bahan mentah <i>Cost of raw materials</i>	Bahan pembungkus <i>Packing materials</i>	Perkhidmatan bukan perindustrian <i>Non-industrial services</i>	Kos input lain <i>Other input cost</i>
			(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
<b>Pengilangan dan pengetaman kayu</b> <i>Sawmilling and planning of wood</i>	<b>161</b>	657	4,415,867	3,520,674	31,422	270,100	593,670
<b>Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain</b> <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	<b>162</b>	1,137	13,216,041	10,180,573	131,397	1,152,617	1,751,454
<b>Pembuatan kertas dan produk kertas</b> <i>Manufacture of paper and paper products</i>	<b>170</b>	936	12,540,531	9,686,213	347,073	750,431	1,756,815
<b>Percetakan dan aktiviti perkhidmatan berkaitan percetakan</b> <i>Printing and service activities related to printing</i>	<b>181</b>	3,192	6,449,876	4,954,346	143,465	579,435	772,630
<b>Penerbitan semula media rakaman</b> <i>Reproduction of recorded media</i>	<b>182</b>	21	29,056	23,616	1,097	1,937	2,406
<b>Pembuatan produk petroleum bertapis</b> <i>Manufacture of refined petroleum products</i>	<b>192</b>	124	102,660,928	93,705,583	112,718	4,614,969	4,227,659
<b>Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer</b> <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	<b>201</b>	607	53,911,397	43,267,336	660,628	3,849,052	6,134,381
<b>Pembuatan produk kimia lain</b> <i>Manufacture of other chemical products</i>	<b>202</b>	854	13,612,677	10,390,026	703,666	1,073,973	1,445,012
<b>Pembuatan serat buatan manusia</b> <i>Manufacture of man-made fibres</i>	<b>203</b>	12	403,356	321,646	5,530	36,930	39,250

**Jadual 20 - Nilai input perantaraan mengikut kumpulan, 2015 (samb.)**  
*Table 20 - Value of intermediate input by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai input perantaraan <i>Value of Intermediate input</i>				
			Jumlah <i>Total</i>	Kos bahan mentah <i>Cost of raw materials</i>	Bahan pembungkus <i>Packing materials</i>	Perkhidmatan bukan perindustrian <i>Non-industrial services</i>	Kos input lain <i>Other input cost</i>
			(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
<b>Pembuatan produk farmaseutikal, kimia perubatan dan botani</b> <i>Manufacture of pharmaceuticals, medical chemical and botanical products</i>	<b>210</b>	371	2,662,293	1,986,980	156,839	204,793	313,681
<b>Pembuatan produk getah</b> <i>Manufacture of rubber products</i>	<b>221</b>	670	25,617,052	20,448,120	775,832	1,181,329	3,211,771
<b>Pembuatan produk plastik</b> <i>Manufacture of plastic products</i>	<b>222</b>	1,958	22,660,476	18,211,635	631,521	1,333,782	2,483,539
<b>Pembuatan kaca dan produk kaca</b> <i>Manufacture of glass and glass products</i>	<b>231</b>	432	3,619,051	2,295,748	92,304	321,393	909,606
<b>Pembuatan produk mineral bukan logam t.t.t.l.</b> <i>Manufacture of non-metallic mineral products n.e.c.</i>	<b>239</b>	1,640	25,463,521	17,748,076	587,590	2,107,474	5,020,381
<b>Pembuatan besi dan keluli asas</b> <i>Manufacture of basic iron and steel</i>	<b>241</b>	798	20,093,379	15,537,859	186,107	1,037,597	3,331,815
<b>Pembuatan logam asas berharga dan logam bukan ferus lain</b> <i>Manufacture of basic precious and other non-ferrous metals</i>	<b>242</b>	421	11,540,929	9,671,271	128,603	454,804	1,286,251
<b>Pengacuan logam</b> <i>Casting of metals</i>	<b>243</b>	338	1,610,145	1,276,097	26,397	110,651	197,000

**Jadual 20 - Nilai input perantaraan mengikut kumpulan, 2015 (samb.)**  
*Table 20 - Value of intermediate input by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai input perantaraan <i>Value of Intermediate input</i>				
			Jumlah <i>Total</i>	Kos bahan mentah <i>Cost of raw materials</i>	Bahan pembungkus <i>Packing materials</i>	Perkhidmatan bukan perindustrian <i>Non-industrial services</i>	Kos input lain <i>Other input cost</i>
			(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
<b>Pembuatan produk struktur logam, tangki, takungan dan penjana wap; Pembuatan senjata dan peluru</b> <i>Manufacture of structural metal products, tanks, reservoirs and steam generators; Manufacture of weapons and ammunition</i>	251	3,232	13,571,480	10,544,799	214,000	817,457	1,995,225
	252						
<b>Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam</b> <i>Manufacture of other fabricated metal products; metalworking service activities</i>	259	2,144	24,567,498	19,244,632	593,328	1,596,224	3,133,315
<b>Pembuatan komponen dan papan elektronik</b> <i>Manufacture of electronic components and boards</i>	261	509	117,109,522	100,460,874	838,706	3,486,353	12,323,589
<b>Pembuatan komputer dan kelengkapan peranti</b> <i>Manufacture of computers and peripheral equipment</i>	262	108	29,520,841	27,819,731	123,820	370,738	1,206,552
<b>Pembuatan peralatan komunikasi</b> <i>Manufacture of communication equipment</i>	263	76	11,434,070	10,214,324	107,396	320,431	791,919
<b>Pembuatan elektronik pengguna</b> <i>Manufacture of consumer electronics</i>	264	101	38,425,799	35,182,104	438,122	1,027,241	1,778,331
<b>Pembuatan kelengkapan mengukur, menguji, mengemudi (memandu arah) dan kawalan; jam tangan dan jam</b> <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	265	120	5,495,908	3,877,251	24,186	461,707	1,132,763

**Jadual 20 - Nilai input perantara mengikut kumpulan, 2015 (samb.)**  
*Table 20 - Value of intermediate input by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai input perantara <i>Value of Intermediate input</i>				
			Jumlah <i>Total</i>	Kos bahan mentah <i>Cost of raw materials</i>	Bahan pembungkus <i>Packing materials</i>	Perkhidmatan bukan perindustrian <i>Non-industrial services</i>	Kos input lain <i>Other input cost</i>
			(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
<b>Pembuatan peralatan penyinaran, perubahan elektro dan elektroterapeutik</b> <i>Manufacture of irradiation, electro medical and electrotherapeutic equipment</i>	<b>266</b>	42	2,779,728	2,104,566	50,873	258,521	365,769
<b>Pembuatan peralatan optikal dan alatan fotografi</b> <i>Manufacture of optical instruments and photographic equipment</i>	<b>267</b>	21	1,019,471	892,547	7,689	23,783	95,452
<b>Pembuatan media magnetik dan optikal</b> <i>Manufacture of magnetic and optical media</i>	<b>268</b>	8	29,247	25,580	459	1,615	1,594
<b>Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik</b> <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	<b>271</b>	344	6,460,176	5,375,453	82,873	333,661	668,188
<b>Pembuatan bateri dan akumulator</b> <i>Manufacture of batteries and accumulators</i>	<b>272</b>	33	2,571,969	2,096,202	26,953	81,233	367,581
<b>Pembuatan pendawaian dan alatan pendawaian</b> <i>Manufacture of wiring and wiring devices</i>	<b>273</b>	209	8,856,800	7,843,564	117,946	277,245	618,045
<b>Pembuatan kelengkapan pencahayaan elektrik</b> <i>Manufacture of electric lighting equipment</i>	<b>274</b>	95	626,449	513,593	12,525	38,424	61,907
<b>Pembuatan perkakasan domestik</b> <i>Manufacture of domestic appliances</i>	<b>275</b>	122	5,495,642	3,589,770	148,930	109,223	1,647,719

**Jadual 20 - Nilai input perantaraan mengikut kumpulan, 2015 (samb.)**  
*Table 20 - Value of intermediate input by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai input perantaraan <i>Value of Intermediate input</i>				
			Jumlah <i>Total</i>	Kos bahan mentah <i>Cost of raw materials</i>	Bahan pembungkus <i>Packing materials</i>	Perkhidmatan bukan perindustrian <i>Non-industrial services</i>	Kos input lain <i>Other input cost</i>
			(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
<b>Pembuatan kelengkapan elektrik lain</b> <i>Manufacture of other electrical equipment</i>	<b>279</b>	196	3,102,652	2,759,867	38,547	133,976	170,263
<b>Pembuatan jentera kegunaan umum</b> <i>Manufacture of general-purpose machinery</i>	<b>281</b>	925	12,481,068	9,972,589	242,438	811,466	1,454,575
<b>Pembuatan mesin bagi tujuan khas</b> <i>Manufacture of special-purpose machinery</i>	<b>282</b>	1,015	7,715,742	6,299,125	103,918	531,777	780,921
<b>Pembuatan kenderaan bermotor</b> <i>Manufacture of motor vehicles</i>	<b>291</b>	78	25,562,674	23,098,635	28,773	984,115	1,451,152
<b>Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler</b> <i>Manufacture of bodies(coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	<b>292</b>	139	954,795	786,537	20,146	58,446	89,665
<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	<b>293</b>	525	15,994,535	13,623,709	185,611	738,827	1,446,388
<b>Pembinaan kapal dan bot</b> <i>Building of ships and boats</i>	<b>301</b>	252	6,135,211	4,938,252	5,348	304,737	886,874
<b>Pembuatan keretapi dan rolling stock</b> <i>Manufacture of railway locomotives and rolling stock</i>	<b>302</b>	5	254,165	196,242	5,072	12,326	40,526

Jadual 20 - Nilai input perantara mengikut kumpulan, 2015 (samb.)  
Table 20 - Value of intermediate input by group, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai input perantara <i>Value of Intermediate input</i>				
			Jumlah <i>Total</i>	Kos bahan mentah <i>Cost of raw materials</i>	Bahan pembungkus <i>Packing materials</i>	Perkhidmatan bukan perindustrian <i>Non-industrial services</i>	Kos input lain <i>Other input cost</i>
			(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
<b>Pembuatan pesawat dan kapal angkasa dan jentera berkaitan</b> <i>Manufacture of air and spacecraft and related machinery</i>	<b>303</b>	31	2,820,886	2,236,016	25,383	180,731	378,756
<b>Pembuatan kenderaan tempur ketenteraan;</b> <b>Pembuatan kelengkapan pengangkutan t.t.t.l.</b> <i>Manufacture of military fighting vehicles;</i> <i>Manufacture of transport equipment n.e.c.</i>	<b>304</b> <b>309</b>	92	5,588,656	4,387,182	52,391	392,498	756,587
<b>Pembuatan perabot</b> <i>Manufacture of furniture</i>	<b>310</b>	2,521	9,082,828	6,921,270	368,800	776,581	1,016,177
<b>Pembuatan barang kemas, bijouterie dan artikel berkaitan</b> <i>Manufacture of jewellery, bijouterie and related articles</i>	<b>321</b>	290	3,006,963	2,709,809	11,471	57,000	228,683
<b>Pembuatan instrumen muzik</b> <i>Manufacture of musical instruments</i>	<b>322</b>	6	2,723	2,651	37	25	10
<b>Pembuatan barangan sukan</b> <i>Manufacture of sports goods</i>	<b>323</b>	36	119,882	94,231	3,514	9,627	12,509
<b>Pembuatan permainan dan mainan</b> <i>Manufacture of games and toys</i>	<b>324</b>	32	399,663	311,429	5,162	25,042	58,030
<b>Pembuatan peralatan dan bekalan perubatan dan pergigian</b> <i>Manufacture of medical and dental instrument and supplies</i>	<b>325</b>	238	816,472	670,410	27,018	46,249	72,794

**Jadual 20 - Nilai input perantaraan mengikut kumpulan, 2015 (samb.)**  
*Table 20 - Value of intermediate input by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai input perantaraan <i>Value of Intermediate input</i>				
			Jumlah <i>Total</i>	Kos bahan mentah <i>Cost of raw materials</i>	Bahan pembungkus <i>Packing materials</i>	Perkhidmatan bukan perindustrian <i>Non-industrial services</i>	Kos input lain <i>Other input cost</i>
			(RM '000)	(RM '000)	(RM '000)	(RM '000)	(RM '000)
<b>Pembuatan lain t.t.t.l.</b> <i>Other manufacturing n.e.c.</i>	<b>329</b>	888	2,306,828	1,661,003	95,894	167,553	382,378
<b>Pembaikan produk logam, yang direka jentera dan kelengkapan</b> <i>Repair of fabricated metal products, machinery and equipment</i>	<b>331</b>	2,677	5,091,758	3,488,649	97,298	362,691	1,143,120
<b>Pemasangan bagi perindustrian mesin dan kelengkapan</b> <i>Installation of industrial machinery and equipment</i>	<b>332</b>	191	766,561	588,948	14,619	38,380	124,615

Jadual 21 - Eksport secara langsung mengikut kumpulan, 2015  
Table 21 - Direct exports by group, 2015

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah nilai jualan <i>Total sales value</i>  (RM '000)	Bilangan pertubuhan terlibat dalam eksport <i>Number of establishments involved in exports</i>	Peratus bilangan pertubuhan terlibat dalam eksport <i>Percentage number of establishments involved in exports</i> (%)	Peratus eksport dari jumlah nilai jualan <i>Percentage of exports from total sales value</i> (%)
<b>Jumlah</b> <i>Total</i>		<b>49,101</b>	<b>1,078,138,987</b>	<b>10,026</b>	<b>20.4</b>	<b>52.2</b>
<b>Pemprosesan dan pengawetan daging</b> <i>Processing and preserving of meat</i>	<b>101</b>	220	5,354,036	48	21.8	12.6
<b>Pemprosesan dan pengawetan ikan, krustasea dan moluska</b> <i>Processing and preserving of fish, crustaceans and molluscs</i>	<b>102</b>	664	3,460,555	155	23.3	47.0
<b>Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran</b> <i>Processing and preserving of fruits and vegetables</i>	<b>103</b>	420	1,182,898	99	23.6	28.1
<b>Pembuatan minyak dan lemak sayuran dan haiwan</b> <i>Manufacture of vegetable and animal oils and fats</i>	<b>104</b>	632	132,197,415	123	19.5	36.4
<b>Pembuatan produk tenusu</b> <i>Manufacture of dairy products</i>	<b>105</b>	136	9,057,833	15	11.0	45.0
<b>Pembuatan produk bijian, kanji dan produk berkanji</b> <i>Manufacture of grain mill products, starches and starch products</i>	<b>106</b>	283	5,781,222	71	25.1	10.5
<b>Pembuatan produk makanan lain</b> <i>Manufacture of other food products</i>	<b>107</b>	5,580	28,247,443	1,209	21.7	35.1
<b>Pembuatan makanan haiwan tersedia</b> <i>Manufacture of prepared animal feeds</i>	<b>108</b>	128	8,911,817	28	21.9	14.2
<b>Pembuatan minuman</b> <i>Manufacture of beverages</i>	<b>110</b>	432	10,069,964	89	20.6	27.0
<b>Pembuatan produk tembakau</b> <i>Manufacture of tobacco products</i>	<b>120</b>	26	4,042,689	9	34.6	67.6

Jadual 21 - Eksport secara langsung mengikut kumpulan, 2015 (samb.)  
Table 21 - Direct exports by group, 2015 (cont'd)

Keterangan kumpulan	Kod kumpulan	Bilangan pertubuhan	Jumlah nilai jualan	Bilangan pertubuhan terlibat dalam eksport	Peratus bilangan pertubuhan terlibat dalam eksport	Peratus eksport dari jumlah nilai jualan
<i>Group description</i>	<i>Group code</i>	<i>Number of establishments</i>	<i>Total sales value</i>	<i>Number of establishments involved in exports</i>	<i>Percentage number of establishments involved in exports</i>	<i>Percentage of exports from total sales value</i>
			(RM '000)		(%)	(%)
<b>Pemintalan, penenunan dan penyiapan tekstil</b> <i>Spining, weaving and finishing of textiles</i>	131	490	5,963,032	93	19.0	70.5
<b>Pembuatan tekstil lain</b> <i>Manufacture of other textiles</i>	139	734	2,593,637	165	22.5	53.2
<b>Pembuatan pakaian, kecuali pakaian berbulu</b> <i>Manufacture of wearing apparel, except fur apparel</i>	141	7,474	6,872,717	1,693	22.7	58.4
<b>Pembuatan artikel bulu</b> <i>Manufacture of articles of fur</i>	142	6	53,231	2	33.3	72.7
<b>Pembuatan pakaian yang dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted apparel</i>	143	32	275,540	4	12.5	25.5
<b>Penyamakan dan pembersihan kulit, pembuatan bagasi, beg pelana dan abah-abah; pembersihan dan pewarnaan bulu</b> <i>Tranning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	151	107	879,574	22	20.6	32.7
<b>Pembuatan kasut</b> <i>Manufacture of footwear</i>	152	268	1,001,848	55	20.5	19.2
<b>Pengilangan dan pengetaman kayu</b> <i>Sawmilling and planning of wood</i>	161	657	5,460,228	158	24.0	29.1
<b>Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain</b> <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	162	1,137	16,902,265	263	23.1	61.1
<b>Pembuatan kertas dan produk kertas</b> <i>Manufacture of paper and paper products</i>	170	936	16,730,774	173	18.5	25.8

**Jadual 21 - Eksport secara langsung mengikut kumpulan, 2015 (samb.)**  
*Table 21 - Direct exports by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah nilai jualan <i>Total sales value</i>  (RM '000)	Bilangan pertubuhan terlibat dalam eksport <i>Number of establishments involved in exports</i>	Peratus bilangan pertubuhan terlibat dalam eksport <i>Percentage number of establishments involved in exports</i> (%)	Peratus eksport dari jumlah nilai jualan <i>Percentage of exports from total sales value</i> (%)
<b>Percetakan dan aktiviti perkhidmatan berkaitan percetakan</b> <i>Printing and service activities related to printing</i>	<b>181</b>	3,192	9,313,514	643	20.1	16.4
<b>Penerbitan semula media rakaman</b> <i>Reproduction of recorded media</i>	<b>182</b>	21	43,373	1	4.8	-
<b>Pembuatan produk petroleum bertapis</b> <i>Manufacture of refined petroleum products</i>	<b>192</b>	124	126,126,638	20	16.1	78.1
<b>Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer</b> <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	<b>201</b>	607	69,150,029	84	13.8	39.3
<b>Pembuatan produk kimia lain</b> <i>Manufacture of other chemical products</i>	<b>202</b>	854	18,211,710	105	12.3	34.1
<b>Pembuatan serat buatan manusia</b> <i>Manufacture of man-made fibres</i>	<b>203</b>	12	489,786	2	16.7	89.7
<b>Pembuatan produk farmaseutikal, kimia perubatan dan botani</b> <i>Manufacture of pharmaceuticals, medical chemical and botanical products</i>	<b>210</b>	371	4,015,235	69	18.6	24.4
<b>Pembuatan produk getah</b> <i>Manufacture of rubber products</i>	<b>221</b>	670	33,616,304	121	18.1	66.2
<b>Pembuatan produk plastik</b> <i>Manufacture of plastic products</i>	<b>222</b>	1,958	30,630,698	322	16.4	39.8
<b>Pembuatan kaca dan produk kaca</b> <i>Manufacture of glass and glass products</i>	<b>231</b>	432	5,015,717	83	19.2	55.6

**Jadual 21 - Eksport secara langsung mengikut kumpulan, 2015 (samb.)**  
*Table 21 - Direct exports by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah nilai jualan <i>Total sales value</i>  (RM '000)	Bilangan pertubuhan terlibat dalam eksport <i>Number of establishments involved in exports</i>	Peratus bilangan pertubuhan terlibat dalam eksport <i>Percentage number of establishments involved in exports</i>  (%)	Peratus eksport dari jumlah nilai jualan <i>Percentage of exports from total sales value</i>  (%)
<b>Pembuatan produk mineral bukan logam t.t.t.l.</b> <i>Manufacture of non-metallic mineral products n.e.c</i>	<b>239</b>	1,640	34,422,887	328	20.0	18.8
<b>Pembuatan besi dan keluli asas</b> <i>Manufacture of basic iron and steel</i>	<b>241</b>	798	24,504,005	137	17.2	22.7
<b>Pembuatan logam asas berharga dan logam bukan ferus lain</b> <i>Manufacture of basic precious and other non-ferrous metals</i>	<b>242</b>	421	14,040,949	74	17.6	50.6
<b>Pengacuan logam</b> <i>Casting of metals</i>	<b>243</b>	338	2,197,774	52	15.4	20.9
<b>Pembuatan produk struktur logam, tangki, takungan dan penjana wap;</b>	<b>251</b>	3,232	18,209,680	816	25	85
<b>Pembuatan senjata dan peluru</b> <i>Manufacture of structural metal products, tanks, reservoirs and steam generators;</i> <i>Manufacture of weapons and ammunition</i>	<b>252</b>					
<b>Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam</b> <i>Manufacture of other fabricated metal products; metalworking service activities</i>	<b>259</b>	2,144	32,156,423	435	20.3	30.8
<b>Pembuatan komponen dan papan elektronik</b> <i>Manufacture of electronic components and boards</i>	<b>261</b>	509	130,558,913	69	13.6	82.8
<b>Pembuatan komputer dan kelengkapan peranti</b> <i>Manufacture of computers and peripheral equipment</i>	<b>262</b>	108	35,453,952	16	14.8	86.0
<b>Pembuatan peralatan komunikasi</b> <i>Manufacture of communication equipment</i>	<b>263</b>	76	14,263,181	13	17.1	89.0

**Jadual 21 - Eksport secara langsung mengikut kumpulan, 2015 (samb.)**  
*Table 21 - Direct exports by group, 2015 (cont'd)*

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah nilai jualan <i>Total sales value</i>  (RM '000)	Bilangan pertubuhan terlibat dalam eksport <i>Number of establishments involved in exports</i>	Peratus bilangan pertubuhan terlibat dalam eksport <i>Percentage number of establishments involved in exports</i> (%)	Peratus eksport dari jumlah nilai jualan <i>Percentage of exports from total sales value</i> (%)
<b>Pembuatan elektronik pengguna</b> <i>Manufacture of consumer electronics</i>	<b>264</b>	101	46,197,770	25	24.8	87.5
<b>Pembuatan kelengkapan mengukur, menguji, mengemudi (memandu arah) dan kawalan; jam tangan dan jam</b> <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	<b>265</b>	120	6,442,414	19	15.8	82.0
<b>Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik</b> <i>Manufacture of irradiation, electro medical and electrotherapeutic equipment</i>	<b>266</b>	42	4,230,652	7	16.7	87.0
<b>Pembuatan peralatan optikal dan alatan fotografi</b> <i>Manufacture of optical instruments and photographic equipment</i>	<b>267</b>	21	1,348,975	4	19.0	89.8
<b>Pembuatan media magnetik dan optikal</b> <i>Manufacture of magnetic and optical media</i>	<b>268</b>	8	54,214	1	12.5	1.1
<b>Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik</b> <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	<b>271</b>	344	8,505,010	63	18.3	62.8
<b>Pembuatan bateri dan akumulator</b> <i>Manufacture of batteries and accumulators</i>	<b>272</b>	33	3,182,990	7	21.2	89.5
<b>Pembuatan pendawaian dan alatan pendawaian</b> <i>Manufacture of wiring and wiring devices</i>	<b>273</b>	209	10,406,196	40	19.1	47.3
<b>Pembuatan kelengkapan pencahayaan elektrik</b> <i>Manufacture of electric lighting equipment</i>	<b>274</b>	95	892,991	11	11.6	47.2

Jadual 21 - Eksport secara langsung mengikut kumpulan, 2015 (samb.)  
Table 21 - Direct exports by group, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Jumlah nilai jualan <i>Total sales value</i>  (RM '000)	Bilangan pertubuhan terlibat dalam eksport <i>Number of establishments involved in exports</i>	Peratus bilangan pertubuhan terlibat dalam eksport <i>Percentage number of establishments involved in exports</i> (%)	Peratus eksport dari jumlah nilai jualan <i>Percentage of exports from total sales value</i> (%)
<b>Pembuatan perkakasan domestik</b> <i>Manufacture of domestic appliances</i>	<b>275</b>	122	6,986,270	16	13.1	72.3
<b>Pembuatan kelengkapan elektrik lain</b> <i>Manufacture of other electrical equipment</i>	<b>279</b>	196	4,303,664	32	16.3	12.1
<b>Pembuatan jentera kegunaan umum</b> <i>Manufacture of general-purpose machinery</i>	<b>281</b>	925	16,608,520	140	15.1	55.0
<b>Pembuatan mesin bagi tujuan khas</b> <i>Manufacture of special-purpose machinery</i>	<b>282</b>	1,015	10,555,009	174	17.1	47.5
<b>Pembuatan kenderaan bermotor</b> <i>Manufacture of motor vehicles</i>	<b>291</b>	78	29,913,011	5	6.4	11.5
<b>Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler</b> <i>Manufacture of bodies(coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	<b>292</b>	139	1,237,894	36	25.9	16.6
<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	<b>293</b>	525	20,815,396	103	19.6	27.7
<b>Pembinaan kapal dan bot</b> <i>Building of ships and boats</i>	<b>301</b>	252	3,359,416	53	21.0	27.6
<b>Pembuatan keretapi dan rolling stock</b> <i>Manufacture of railway and rolling stock</i>	<b>302</b>	5	389,705	1	20.0	29.0
<b>Pembuatan pesawat dan kapal angkasa dan jentera berkaitan</b> <i>Manufacture of air and spacecraft and related machinery</i>	<b>303</b>	31	3,479,701	3	9.7	-

**Jadual 21 - Eksport secara langsung mengikut kumpulan, 2015 (samb.)**  
*Table 21 - Direct exports by group, 2015 (cont'd)*

Keterangan kumpulan	Kod kumpulan	Bilangan pertubuhan	Jumlah nilai jualan	Bilangan pertubuhan terlibat dalam eksport	Peratus bilangan pertubuhan terlibat dalam eksport	Peratus eksport dari jumlah nilai jualan
<i>Group description</i>	<i>Group code</i>	<i>Number of establishments</i>	<i>Total sales value</i>	<i>Number of establishments involved in exports</i>	<i>Percentage number of establishments involved in exports</i>	<i>Percentage of exports from total sales value</i>
			(RM '000)		(%)	(%)
<b>Pembuatan kenderaan tempur ketenteraan; Pembuatan kelengkapan pengangkutan t.t.t.l.</b> <i>Manufacture of military fighting vehicles; Manufacture of transport equipment n.e.c</i>	304 } 309 }	92	5,045,104	18	19.8	0.0
<b>Pembuatan perabot</b> <i>Manufacture of furniture</i>	310	2,521	12,815,117	519	20.6	42.4
<b>Pembuatan barang kemas, bijouterie dan artikel berkaitan</b> <i>Manufacture of jewellery, bijouterie and related articles</i>	321	290	3,481,709	86	29.7	37.7
<b>Pembuatan instrumen muzik</b> <i>Manufacture of musical instruments</i>	322	6	3,315	1	16.7	-
<b>Pembuatan barangan sukan</b> <i>Manufacture of sports goods</i>	323	36	189,828	8	22.2	42.1
<b>Pembuatan permainan dan mainan</b> <i>Manufacture of games and toys</i>	324	32	656,194	4	12.5	40.2
<b>Pembuatan peralatan dan bekalan perubatan dan pegisian</b> <i>Manufacture of medical and dental Instrument and supplies</i>	325	238	1,272,562	68	28.6	55.5
<b>Pembuatan lain t.t.t.l.</b> <i>Other manufacturing n.e.c.</i>	329	888	3,352,380	180	20.3	52.3
<b>Pembaikan produk logam yang direka, jentera dan kelengkapan</b> <i>Repair of fabricated metal products, machinery and equipment</i>	331	2,677	4,006,121	512	19.1	8.0
<b>Pemasangan bagi perindustrian mesin dan kelengkapan</b> <i>Installation of industrial machinery and equipment</i>	332	191	947,375	26	13.6	55.0

**Jadual 22 - Jenis bahan pembungkus mengikut kumpulan, 2015**  
 Table 22 - Type of packing materials by group, 2015

(RM '000)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jumlah <i>Total</i>	Botol kaca dan bekas plastik <i>Glass bottles and plastic containers</i>	Beg plastik <i>Plastic bags</i>	Pembungkus kertas <i>Paper wrappers</i>	Kotak kadbod / karton <i>Cardboard boxes / cartons</i>	Bekas logam <i>Metal containers</i>	Label <i>Labels</i>	Lain-lain <i>Others</i>
<b>Jumlah Total</b>		<b>14,855,922</b>	<b>2,301,267</b>	<b>2,577,619</b>	<b>1,351,475</b>	<b>4,096,968</b>	<b>2,035,036</b>	<b>1,146,632</b>	<b>1,346,926</b>
<b>Pemprosesan dan pengawetan daging</b> <i>Processing and preserving of meat</i>	<b>101</b>	84,202	3,358	49,975	434	15,631	-	12,885	1,919
<b>Pemprosesan dan pengawetan ikan, krustasea dan moluska</b> <i>Processing and preserving of fish, crustaceans and molluscs</i>	<b>102</b>	158,834	15,330	30,511	1,530	37,310	66,920	4,241	2,992
<b>Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran</b> <i>Processing and preserving of fruits and vegetables</i>	<b>103</b>	65,940	15,704	12,602	5,133	14,785	10,700	4,949	2,067
<b>Pembuatan minyak dan lemak sayuran dan haiwan</b> <i>Manufacture of vegetable and animal oils and fats</i>	<b>104</b>	940,846	370,530	147,692	40,579	154,520	53,164	127,088	47,274
<b>Pembuatan produk tenusu</b> <i>Manufacture of dairy products</i>	<b>105</b>	701,746	109,081	58,071	89,490	91,610	267,275	58,491	27,728
<b>Pembuatan produk bijian, kanji dan produk berkanji</b> <i>Manufacture of grain mill products, starches and starch products</i>	<b>106</b>	147,399	9,051	97,315	2,644	28,763	4,867	2,456	2,304
<b>Pembuatan produk makanan lain</b> <i>Manufacture of other food products</i>	<b>107</b>	1,462,876	311,587	426,889	144,774	343,280	118,880	82,435	35,032
<b>Pembuatan makanan haiwan tersedia</b> <i>Manufacture of prepared animal feeds</i>	<b>108</b>	130,804	10,735	72,741	16,857	23,370	244	3,517	3,339

**Jadual 22 - Jenis bahan pembungkus mengikut kumpulan, 2015 (samb.)**  
*Table 22 - Type of packing materials by group, 2015 (cont'd)*

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jumlah	Botol kaca dan bekas plastik	Beg plastik	Pembungkus kertas	Kotak kadbod / karton	Bekas logam	Label	Lain-lain
<i>Group description</i>	<i>Group code</i>	<i>Total</i>	<i>Glass bottles and plastic containers</i>	<i>Plastic bags</i>	<i>Paper wrappers</i>	<i>Cardboard boxes / cartons</i>	<i>Metal containers</i>	<i>Labels</i>	<i>Others</i>
<b>Pembuatan minuman</b> <i>Manufacture of beverages</i>	<b>110</b>	1,695,226	415,537	29,479	120,170	203,562	814,003	58,308	54,169
<b>Pembuatan produk tembakau</b> <i>Manufacture of tobacco products</i>	<b>120</b>	126,671	-	3,279	100,809	4,507	202	2,939	14,935
<b>Pemintalan, penenunan dan penyiapan tekstil</b> <i>Spining, weaving and finishing of textiles</i>	<b>131</b>	92,789	48,450	5,918	7,490	7,584	320	8,711	14,316
<b>Pembuatan tekstil lain</b> <i>Manufacture of other textiles</i>	<b>139</b>	53,931	795	19,831	7,062	19,896	579	2,198	3,570
<b>Pembuatan pakaian, kecuali pakaian berbulu</b> <i>Manufacture of wearing apparel, except fur apparel</i>	<b>141</b>	327,079	9,687	112,918	35,360	70,864	123	53,832	44,296
<b>Pembuatan artikel bulu</b> <i>Manufacture of articles of fur</i>	<b>142</b>	768	402	234	7	-	-	125	-
<b>Pembuatan pakaian yang dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted apparel</i>	<b>143</b>	1,945	275	601	574	307	12	155	22
<b>Penyamakan dan pembersihan kulit, pembuatan begasi, beg tangan, pelana dan abah-abah; pembersihan dan pewarnaan bulu</b> <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	<b>151</b>	5,837	611	981	1,104	2,438	-	384	319

**Jadual 22 - Jenis bahan pembungkus mengikut kumpulan, 2015 (samb.)**  
 Table 22 - Type of packing materials by group, 2015 (cont'd)

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jumlah	Botol kaca dan bekas plastik	Beg plastik	Pembungkus kertas	Kotak kadbod / karton	Bekas logam	Label	Lain-lain
<i>Group description</i>	<i>Group code</i>	<i>Total</i>	<i>Glass bottles and plastic containers</i>	<i>Plastic bags</i>	<i>Paper wrappers</i>	<i>Cardboard boxes / cartons</i>	<i>Metal containers</i>	<i>Labels</i>	<i>Others</i>
<b>Pembuatan kasut</b> <i>Manufacture of footwear</i>	<b>152</b>	17,598	541	2,599	818	10,675	25	2,135	805
<b>Pengilangan dan pengetaman kayu</b> <i>Sawmilling and planing of wood</i>	<b>161</b>	31,422	3,103	4,167	1,312	7,448	1,917	3,665	9,813
<b>Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain</b> <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	<b>162</b>	131,397	7,117	15,521	7,138	31,457	12,217	10,948	46,999
<b>Pembuatan kertas dan produk kertas</b> <i>Manufacture of paper and paper products</i>	<b>170</b>	347,072	41,508	53,930	19,793	158,456	3,700	26,205	43,481
<b>Percetakan dan aktiviti perkhidmatan berkaitan percetakan</b> <i>Printing and service activities related to printing</i>	<b>181</b>	143,465	8,806	26,910	25,925	46,902	2,055	20,723	12,144
<b>Penerbitan semula media rakaman</b> <i>Reproduction of recorded media</i>	<b>182</b>	1,097	82	169	11	272	270	179	114
<b>Pembuatan produk petroleum bertapis</b> <i>Manufacture of refined petroleum products</i>	<b>192</b>	112,718	37,107	5,834	257	15,487	31,485	9,840	12,708
<b>Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer</b> <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	<b>201</b>	660,628	103,779	174,999	93,474	74,922	138,235	30,112	45,108

**Jadual 22 - Jenis bahan pembungkus mengikut kumpulan, 2015 (samb.)**  
 Table 22 - Type of packing materials by group, 2015 (cont'd)

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jumlah	Botol kaca dan bekas plastik	Beg plastik	Pembungkus kertas	Kotak kadbod / karton	Bekas logam	Label	Lain-lain
<i>Group description</i>	<i>Group code</i>	<i>Total</i>	<i>Glass bottles and plastic containers</i>	<i>Plastic bags</i>	<i>Paper wrappers</i>	<i>Cardboard boxes / cartons</i>	<i>Metal containers</i>	<i>Labels</i>	<i>Others</i>
<b>Pembuatan produk kimia lain</b> <i>Manufacture of other chemical products</i>	<b>202</b>	703,666	211,658	107,228	73,019	101,524	134,961	45,654	29,623
<b>Pembuatan serat buatan manusia</b> <i>Manufacture of man-made fibres</i>	<b>203</b>	5,530	38	257	102	4,165	-	113	856
<b>Pembuatan produk farmaseutikal, kimia perubatan dan botani</b> <i>Manufacture of pharmaceuticals, medical chemical and botanical products</i>	<b>210</b>	156,839	60,078	12,696	25,037	34,226	10,158	12,137	2,508
<b>Pembuatan produk getah</b> <i>Manufacture of rubber products</i>	<b>221</b>	775,832	57,948	169,613	26,902	372,867	10,171	82,928	55,404
<b>Pembuatan produk plastik</b> <i>Manufacture of plastic products</i>	<b>222</b>	631,521	54,154	190,528	28,047	255,260	9,990	44,919	48,623
<b>Pembuatan kaca dan produk kaca</b> <i>Manufacture of glass and glass products</i>	<b>231</b>	92,304	5,224	26,300	8,229	25,611	272	6,919	19,750
<b>Pembuatan produk mineral bukan logam t.t.t.l</b> <i>Manufacture of non-metallic mineral products n.e.c</i>	<b>239</b>	587,591	37,289	89,282	196,561	109,390	13,032	24,920	117,118
<b>Pembuatan besi dan keluli asas</b> <i>Manufacture of basic iron and steel</i>	<b>241</b>	186,107	7,528	23,420	9,717	19,678	37,336	26,791	61,637
<b>Pembuatan logam asas berharga dan logam bukan ferus lain</b> <i>Manufacture of basic precious and other non-ferrous metals</i>	<b>242</b>	128,603	6,369	24,921	7,267	37,175	10,335	10,659	31,879

**Jadual 22 - Jenis bahan pembungkus mengikut kumpulan, 2015 (samb.)**  
 Table 22 - Type of packing materials by group, 2015 (cont'd)

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jumlah	Botol kaca dan bekas plastik	Beg plastik	Pembungkus kertas	Kotak kadbod / karton	Bekas logam	Label	Lain-lain
<i>Group description</i>	<i>Group code</i>	<i>Total</i>	<i>Glass bottles and plastic containers</i>	<i>Plastic bags</i>	<i>Paper wrappers</i>	<i>Cardboard boxes / cartons</i>	<i>Metal containers</i>	<i>Labels</i>	<i>Others</i>
<b>Pengacuan logam</b> <i>Casting of metals</i>	<b>243</b>	26,397	664	1,410	1,499	7,990	2,183	9,440	3,211
<b>Pembuatan produk struktur logam, tangki, takungan dan penjana wap; Pembuatan senjata dan peluru</b> <i>Manufacture of structural metal products, tanks, reservoirs and steam generators; Manufacture of weapons and ammunition</i>	<b>251</b>	214,000	7,451	24,548	5,604	75,757	38,490	20,910	41,240
	<b>252</b>								
<b>Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam</b> <i>Manufacture of other fabricated metal products; metalworking service activities</i>	<b>259</b>	593,328	40,057	67,795	32,427	162,940	101,317	53,162	135,631
<b>Pembuatan komponen dan papan elektronik</b> <i>Manufacture of electronic components and boards</i>	<b>261</b>	838,706	69,931	71,768	41,835	506,199	21,139	55,534	72,300
<b>Pembuatan komputer dan kelengkapan peranti</b> <i>Manufacture of computers and peripheral equipment</i>	<b>262</b>	123,820	12,258	25,465	2,857	71,821	1,047	7,831	2,542
<b>Pembuatan peralatan komunikasi</b> <i>Manufacture of communication equipment</i>	<b>263</b>	107,396	33,692	3,419	1,932	49,778	543	14,345	3,687
<b>Pembuatan elektronik pengguna</b> <i>Manufacture of consumer electronics</i>	<b>264</b>	438,122	20,296	93,870	33,276	207,140	26,739	38,237	18,563

**Jadual 22 - Jenis bahan pembungkus mengikut kumpulan, 2015 (samb.)**  
 Table 22 - Type of packing materials by group, 2015 (cont'd)

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jumlah	Botol kaca dan bekas plastik	Beg plastik	Pembungkus kertas	Kotak kadbod / karton	Bekas logam	Label	Lain-lain
<i>Group description</i>	<i>Group code</i>	<i>Total</i>	<i>Glass bottles and plastic containers</i>	<i>Plastic bags</i>	<i>Paper wrappers</i>	<i>Cardboard boxes / cartons</i>	<i>Metal containers</i>	<i>Labels</i>	<i>Others</i>
<b>Pembuatan kelengkapan mengukur, menguji, mengemudi (memandu arah) dan kawalan; jam tangan dan jam</b> <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	<b>265</b>	24,186	520	7,534	1,917	8,330	300	1,764	3,822
<b>Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik</b> <i>Manufacture of irradiation, electro medical and electrotherapeutic equipment</i>	<b>266</b>	50,873	7,503	16,612	950	22,778	222	1,770	1,037
<b>Pembuatan peralatan optikal dan alatan fotografi</b> <i>Manufacture of optical instruments and photographic equipment</i>	<b>267</b>	7,689	4,495	1,277	443	925	-	404	145
<b>Pembuatan media magnetik dan optikal</b> <i>Manufacture of magnetic and optical media</i>	<b>268</b>	459	28	111	59	151	-	76	34
<b>Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik</b> <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	<b>271</b>	82,873	17,986	9,729	3,970	30,752	7,275	7,479	5,683
<b>Pembuatan bateri dan akumulator</b> <i>Manufacture of batteries and accumulators</i>	<b>272</b>	26,953	9,566	1,073	3,925	9,630	77	1,175	1,507
<b>Pembuatan pendawaian dan alatan pendawaian</b> <i>Manufacture of wiring and wiring devices</i>	<b>273</b>	117,946	7,234	7,200	20,987	46,158	3,120	9,707	23,541

**Jadual 22 - Jenis bahan pembungkus mengikut kumpulan, 2015 (samb.)**  
 Table 22 - Type of packing materials by group, 2015 (cont'd)

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jumlah	Botol kaca dan bekas plastik	Beg plastik	Pembungkus kertas	Kotak kadbod / karton	Bekas logam	Label	Lain-lain
<i>Group description</i>	<i>Group code</i>	<i>Total</i>	<i>Glass bottles and plastic containers</i>	<i>Plastic bags</i>	<i>Paper wrappers</i>	<i>Cardboard boxes / cartons</i>	<i>Metal containers</i>	<i>Labels</i>	<i>Others</i>
<b>Pembuatan kelengkapan pencahayaan elektrik</b> <i>Manufacture of electric lighting equipment</i>	<b>274</b>	12,525	476	2,456	441	6,887	165	908	1,191
<b>Pembuatan perkakasan domestik</b> <i>Manufacture of domestic appliances</i>	<b>275</b>	148,931	2,661	23,975	2,680	106,287	260	8,107	4,960
<b>Pembuatan kelengkapan elektrik lain</b> <i>Manufacture of other electrical equipment</i>	<b>279</b>	38,547	1,302	9,955	1,403	16,641	1,109	3,718	4,419
<b>Pembuatan jentera kegunaan umum</b> <i>Manufacture of general-purpose machinery</i>	<b>281</b>	242,438	23,225	9,790	15,703	108,382	10,076	32,620	42,643
<b>Pembuatan mesin bagi tujuan khas</b> <i>Manufacture of special-purpose machinery</i>	<b>282</b>	103,918	11,642	8,562	8,316	21,446	23,943	9,454	20,555
<b>Pembuatan kenderaan bermotor</b> <i>Manufacture of motor vehicles</i>	<b>291</b>	28,773	473	17,940	192	3,572	3,485	1,894	1,218
<b>Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler</b> <i>Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	<b>292</b>	20,146	758	275	633	13,873	1,248	1,287	2,072
<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	<b>293</b>	185,611	9,889	48,598	18,361	82,653	4,643	11,614	9,853
<b>Pembinaan kapal dan bot</b> <i>Building of ships and boats</i>	<b>301</b>	5,348	1	1,122	3	1,000	1,220	1,095	907

**Jadual 22 - Jenis bahan pembungkus mengikut kumpulan, 2015 (samb.)**  
 Table 22 - Type of packing materials by group, 2015 (cont'd)

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jumlah	Botol kaca dan bekas plastik	Beg plastik	Pembungkus kertas	Kotak kadbod / karton	Bekas logam	Label	Lain-lain
<i>Group description</i>	<i>Group code</i>	<i>Total</i>	<i>Glass bottles and plastic containers</i>	<i>Plastic bags</i>	<i>Paper wrappers</i>	<i>Cardboard boxes / cartons</i>	<i>Metal containers</i>	<i>Labels</i>	<i>Others</i>
<b>Pembuatan keretapi dan <i>rolling stock</i></b> <i>Manufacture of railway locomotives and rolling stock</i>	<b>302</b>	5,072	-	-	-	339	3,525	85	1,122
<b>Pembuatan pesawat dan kapal angkasa dan jentera berkaitan</b> <i>Manufacture of air and spacecraft and related machinery</i>	<b>303</b>	25,383	1,638	1,429	2,818	14,515	1,846	176	2,961
<b>Pembuatan kenderaan tempur ketenteraan; Pembuatan kelengkapan pengangkutan t.t.t.l.</b> <i>Manufacture of military fighting vehicles</i> <i>Manufacture of transport equipment n.e.c</i>	<b>304</b> <b>309</b>	52,391	10,428	4,673	13,151	12,121	1,133	4,419	6,466
<b>Pembuatan perabot</b> <i>Manufacture of furniture</i>	<b>310</b>	368,800	14,606	78,301	27,683	102,044	6,451	32,991	106,724
<b>Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan</b> <i>Manufacture of jewellery, bijouterie and related articles</i>	<b>321</b>	11,471	748	4,556	242	4,930	284	416	295
<b>Pembuatan instrumen muzik</b> <i>Manufacture of musical instruments</i>	<b>322</b>	37	-	1	12	17	-	8	0
<b>Pembuatan barangan sukan</b> <i>Manufacture of sports goods</i>	<b>323</b>	3,514	280	338	381	1,455	260	409	390
<b>Pembuatan permainan dan mainan</b> <i>Manufacture of games and toys</i>	<b>324</b>	5,162	684	1,936	49	1,685	0	489	320

**Jadual 22 - Jenis bahan pembungkus mengikut kumpulan, 2015 (samb.)**  
*Table 22 - Type of packing materials by group, 2015 (cont'd)*

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jumlah	Botol kaca dan bekas plastik	Beg plastik	Pembungkus kertas	Kotak kadbod / karton	Bekas logam	Label	Lain-lain
<i>Group description</i>	<i>Group code</i>	<i>Total</i>	<i>Glass bottles and plastic containers</i>	<i>Plastic bags</i>	<i>Paper wrappers</i>	<i>Cardboard boxes / cartons</i>	<i>Metal containers</i>	<i>Labels</i>	<i>Others</i>
<b>Pembuatan peralatan dan bekalan perubatan dan pergigian</b> <i>Manufacture of medical and dental instrument and supplies</i>	<b>325</b>	27,018	8,829	2,846	1,511	11,242	64	2,145	382
<b>Pembuatan lain t.t.t.l</b> <i>Other manufacturing n.e.c.</i>	<b>329</b>	95,894	12,357	8,779	4,216	47,559	2,386	15,321	5,277
<b>Pembaikan produk logam yang direka, jentera dan kelengkapan</b> <i>Repair of fabricated metal products, machinery and equipment</i>	<b>331</b>	97,298	5,790	16,372	3,388	14,469	15,795	14,532	26,951
<b>Pemasangan bagi perindustrian mesin dan kelengkapan</b> <i>Installation of industrial machinery and equipment</i>	<b>332</b>	14,618	338	6,498	990	1,565	1,246	1,553	2,429

Jadual 23 - Komponen pendapatan mengikut kumpulan, 2015  
Table 23 - Component of income by group, 2015

(RM '000)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Jualan daripada produk yang dibuat/ proses/ pemasangan <i>Sales of manufactured/ processed/ assembled products</i>	Pendapatan daripada perkhidmatan perindustrian yang diberikan <i>Income from industrial services rendered</i>	Nilai jualan (daripada barang/ bahan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya) <i>Value of sales (from goods/ materials purchased from resale without further processing)</i>	Pendapatan daripada sewa <i>Rental income received</i>	Pendapatan lain <i>Other income</i>
<b>Jumlah</b> <i>Total</i>		<b>1,078,138,987</b>	<b>34,171,935</b>	<b>40,281,376</b>	<b>938,336</b>	<b>23,122,342</b>
<b>Pemprosesan dan pengawetan daging</b> <i>Processing and preserving of meat</i>	<b>101</b>	5,354,036	150,120	42,803	5,015	25,876
<b>Pemprosesan dan pengawetan ikan, krustasea dan moluska</b> <i>Processing and preserving of fish, crustaceans and molluscs</i>	<b>102</b>	3,460,555	8,949	73,845	5,807	44,992
<b>Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran</b> <i>Processing and preserving of fruits and vegetables</i>	<b>103</b>	1,182,898	15,599	14,767	1,131	28,550
<b>Pembuatan minyak dan lemak sayuran dan haiwan</b> <i>Manufacture of vegetable and animal oils and fats</i>	<b>104</b>	132,197,415	591,401	5,074,495	69,175	1,458,605
<b>Pembuatan produk tenusu</b> <i>Manufacture of dairy products</i>	<b>105</b>	9,057,833	-	557	6,454	35,437
<b>Pembuatan produk bijian, kanji dan produk berkanji</b> <i>Manufacture of grain mill products, starches and starch products</i>	<b>106</b>	5,781,222	24,052	59,515	10,215	127,456
<b>Pembuatan produk makanan lain</b> <i>Manufacture of other food products</i>	<b>107</b>	28,247,443	34,215	261,888	25,330	349,067
<b>Pembuatan makanan haiwan tersedia</b> <i>Manufacture of prepared animal feeds</i>	<b>108</b>	8,911,817	6,790	107,453	8,093	41,789

**Jadual 23 - Komponen pendapatan mengikut kumpulan, 2015 (samb.)**  
*Table 23 - Component of income by group, 2015 (cont'd)*

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jualan daripada produk yang dibuat/ proses/ pemasangan	Pendapatan daripada perkhidmatan perindustrian yang diberikan	Nilai jualan (daripada barang/ bahan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya)	Pendapatan daripada sewa	Pendapatan lain
<i>Group description</i>	<i>Group code</i>	<i>Sales of manufactured/ processed/ assembled products</i>	<i>Income from industrial services rendered</i>	<i>Value of sales (from goods/ materials purchased from resale without further processing)</i>	<i>Rental income received</i>	<i>Other income</i>
<b>Pembuatan minuman</b> <i>Manufacture of beverages</i>	<b>110</b>	10,069,964	15,089	268,427	17,112	387,745
<b>Pembuatan produk tembakau</b> <i>Manufacture of tobacco products</i>	<b>120</b>	4,042,689	-	256,276	283	4,832
<b>Pemintalan, penenunan dan penyiapan tekstil</b> <i>Spining, weaving and finishing of textiles</i>	<b>131</b>	5,963,032	66,965	60,818	5,467	53,329
<b>Pembuatan tekstil lain</b> <i>Manufacture of other textiles</i>	<b>139</b>	2,593,637	29,888	7,548	6,935	71,216
<b>Pembuatan pakaian, kecuali pakaian berbulu</b> <i>Manufacture of wearing apparel, except fur apparel</i>	<b>141</b>	6,872,717	265,801	41,333	4,424	125,448
<b>Pembuatan artikel bulu</b> <i>Manufacture of articles of fur</i>	<b>142</b>	53,231	-	426	-	24
<b>Pembuatan pakaian yang dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted apparel</i>	<b>143</b>	275,540	601	659	-	1,082
<b>Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah; pembersihan dan pewarnaan bulu</b> <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	<b>151</b>	879,574	637	3,202	1,651	5,058
<b>Pembuatan kasut</b> <i>Manufacture of footwear</i>	<b>152</b>	1,001,848	3,178	8,046	459	9,743

**Jadual 23 - Komponen pendapatan mengikut kumpulan, 2015 (samb.)**  
*Table 23 - Component of income by group, 2015 (cont'd)*

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jualan daripada produk yang dibuat/ proses/ pemasangan	Pendapatan daripada perkhidmatan perindustrian yang diberikan	Nilai jualan (daripada barang/ bahan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya)	Pendapatan daripada sewa	Pendapatan lain
<i>Group description</i>	<i>Group code</i>	<i>Sales of manufactured/ processed/ assembled products</i>	<i>Income from industrial services rendered</i>	<i>Value of sales (from goods/ materials purchased from resale without further processing)</i>	<i>Rental income received</i>	<i>Other income</i>
<b>Pengilangan dan pengetaman kayu</b> <i>Sawmilling and planning of wood</i>	<b>161</b>	5,460,228	146,105	40,048	38,360	106,164
<b>Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain</b> <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	<b>162</b>	16,902,265	94,441	84,772	24,906	389,856
<b>Pembuatan kertas dan produk kertas</b> <i>Manufacture of paper and paper products</i>	<b>170</b>	16,730,774	37,710	156,259	14,530	175,755
<b>Percetakan dan aktiviti perkhidmatan berkaitan percetakan</b> <i>Printing and service activities related to printing</i>	<b>181</b>	9,313,514	169,640	111,069	77,232	420,741
<b>Penerbitan semula media rakaman</b> <i>Reproduction of recorded media</i>	<b>182</b>	43,373	-	-	-	1,114
<b>Pembuatan produk petroleum bertapis</b> <i>Manufacture of refined petroleum products</i>	<b>192</b>	126,126,638	5,720,178	23,490,537	39,235	2,138,409
<b>Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer</b> <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	<b>201</b>	69,150,029	729,869	1,117,937	14,282	1,939,488
<b>Pembuatan produk kimia lain</b> <i>Manufacture of other chemical products</i>	<b>202</b>	18,211,710	43,449	447,561	18,774	555,020
<b>Pembuatan serat buatan manusia</b> <i>Manufacture of man-made fibres</i>	<b>203</b>	489,786	-	-	34	21,848

**Jadual 23 - Komponen pendapatan mengikut kumpulan, 2015 (samb.)**  
*Table 23 - Component of income by group, 2015 (cont'd)*

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jualan daripada produk yang dibuat/ proses/ pemasangan	Pendapatan daripada perkhidmatan perindustrian yang diberikan	Nilai jualan (daripada barang/ bahan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya)	Pendapatan daripada sewa	Pendapatan lain
<i>Group description</i>	<i>Group code</i>	<i>Sales of manufactured/ processed/ assembled products</i>	<i>Income from industrial services rendered</i>	<i>Value of sales (from goods/ materials purchased from resale without further processing)</i>	<i>Rental income received</i>	<i>Other income</i>
<b>Pembuatan produk farmaseutikal, kimia perubatan dan botani</b> <i>Manufacture of pharmaceuticals, medical chemical and botanical products</i>	<b>210</b>	4,015,235	12,082	94,333	3,185	87,565
<b>Pembuatan produk getah</b> <i>Manufacture of rubber products</i>	<b>221</b>	33,616,304	153,560	411,472	24,193	585,815
<b>Pembuatan produk plastik</b> <i>Manufacture of plastic products</i>	<b>222</b>	30,630,698	102,570	410,122	39,271	639,530
<b>Pembuatan kaca dan produk kaca</b> <i>Manufacture of glass and glass products</i>	<b>231</b>	5,015,717	2,860	37,970	3,156	38,114
<b>Pembuatan produk mineral bukan logam t.t.t.l</b> <i>Manufacture of non-metallic mineral products n.e.c</i>	<b>239</b>	34,422,887	36,549	356,476	69,516	854,596
<b>Pembuatan besi dan keluli asas</b> <i>Manufacture of basic iron and steel</i>	<b>241</b>	24,504,005	110,380	327,215	22,814	509,222
<b>Pembuatan logam asas berharga dan logam bukan ferus lain</b> <i>Manufacture of basic precious and other non-ferrous metals</i>	<b>242</b>	14,040,949	41,588	517,027	4,282	334,854
<b>Pengacuan logam</b> <i>Casting of metals</i>	<b>243</b>	2,197,774	32,258	8,245	1,421	53,494

**Jadual 23 - Komponen pendapatan mengikut kumpulan, 2015 (samb.)**  
*Table 23 - Component of income by group, 2015 (cont'd)*

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jualan daripada produk yang dibuat/ proses/ pemasangan	Pendapatan daripada perkhidmatan perindustrian yang diberikan	Nilai jualan (daripada barang/ bahan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya)	Pendapatan daripada sewa	Pendapatan lain
<i>Group description</i>	<i>Group code</i>	<i>Sales of manufactured/ processed/ assembled products</i>	<i>Income from industrial services rendered</i>	<i>Value of sales (from goods/ materials purchased from resale without further processing)</i>	<i>Rental income received</i>	<i>Other income</i>
<b>Pembuatan produk struktur logam, tangki, takungan dan penjana wap;</b>	<b>251</b>	18,209,680	393,884	176,766	29,176	160,828
<b>Pembuatan senjata dan peluru</b>	<b>252</b>					
<i>Manufacture of structural metal products, tanks, reservoirs and steam generators;</i> <i>Manufacture of weapons and ammunition</i>						
<b>Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam</b>	<b>259</b>	32,156,423	771,680	467,889	50,683	527,320
<i>Manufacture of other fabricated metal products; metalworking service activities</i>						
<b>Pembuatan komponen dan papan elektronik</b>	<b>261</b>	130,558,913	11,173,606	700,311	112,332	5,749,210
<i>Manufacture of electronic components and boards</i>						
<b>Pembuatan komputer dan kelengkapan peranti</b>	<b>262</b>	35,453,952	14,241	170,081	3,797	353,363
<i>Manufacture of computers and peripheral equipment</i>						
<b>Pembuatan peralatan komunikasi</b>	<b>263</b>	14,263,181	120,800	345,372	134	198,702
<i>Manufacture of communication equipment</i>						
<b>Pembuatan elektronik pengguna</b>	<b>264</b>	46,197,770	9,054	157,182	6,099	566,718
<i>Manufacture of consumer electronics</i>						
<b>Pembuatan kelengkapan mengukur, menguji, mengemudi (memandu arah) dan kawalan; jam tangan dan jam</b>	<b>265</b>	6,442,414	615,895	902,150	5,970	443,139
<i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>						

**Jadual 23 - Komponen pendapatan mengikut kumpulan, 2015 (samb.)**  
*Table 23 - Component of income by group, 2015 (cont'd)*

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jualan daripada produk yang dibuat/ proses/ pemasangan	Pendapatan daripada perkhidmatan perindustrian yang diberikan	Nilai jualan (daripada barang/ bahan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya)	Pendapatan daripada sewa	Pendapatan lain
<i>Group description</i>	<i>Group code</i>	<i>Sales of manufactured/ processed/ assembled products</i>	<i>Income from industrial services rendered</i>	<i>Value of sales (from goods/ materials purchased from resale without further processing)</i>	<i>Rental income received</i>	<i>Other income</i>
<b>Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik</b> <i>Manufacture of irradiation, electro medical and electrotherapeutic equipment</i>	<b>266</b>	4,230,652	4,594	542,768	242	258,633
<b>Pembuatan peralatan optikal dan alatan fotografi</b> <i>Manufacture of optical instruments and photographic equipment</i>	<b>267</b>	1,348,975	-	2,752	-	64,031
<b>Pembuatan media magnetik dan optikal</b> <i>Manufacture of magnetic and optical media</i>	<b>268</b>	54,214	-	200	-	1,663
<b>Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik</b> <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	<b>271</b>	8,505,010	108,544	610,966	6,083	246,711
<b>Pembuatan bateri dan akumulator</b> <i>Manufacture of batteries and accumulators</i>	<b>272</b>	3,182,990	2,167	30,604	284	88,646
<b>Pembuatan pendawaian dan alatan pendawaian</b> <i>Manufacture of wiring and wiring devices</i>	<b>273</b>	10,406,196	21,116	192,378	3,540	150,095
<b>Pembuatan kelengkapan pencahayaan elektrik</b> <i>Manufacture of electric lighting equipment</i>	<b>274</b>	892,991	18,529	415	1,003	23,156
<b>Pembuatan perkakasan domestik</b> <i>Manufacture of domestic appliances</i>	<b>275</b>	6,986,270	95,850	12,082	763	80,802

**Jadual 23 - Komponen pendapatan mengikut kumpulan, 2015 (samb.)**  
*Table 23 - Component of income by group, 2015 (cont'd)*

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jualan daripada produk yang dibuat/ proses/ pemasangan	Pendapatan daripada perkhidmatan perindustrian yang diberikan	Nilai jualan (daripada barang/ bahan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya)	Pendapatan daripada sewa	Pendapatan lain
<i>Group description</i>	<i>Group code</i>	<i>Sales of manufactured/ processed/ assembled products</i>	<i>Income from industrial services rendered</i>	<i>Value of sales (from goods/ materials purchased from resale without further processing)</i>	<i>Rental income received</i>	<i>Other income</i>
<b>Pembuatan kelengkapan elektrik lain</b> <i>Manufacture of other electrical equipment</i>	<b>279</b>	4,303,664	22,280	33,615	999	65,845
<b>Pembuatan jentera kegunaan umum</b> <i>Manufacture of general-purpose machinery</i>	<b>281</b>	16,608,520	182,268	400,189	6,836	445,907
<b>Pembuatan mesin bagi tujuan khas</b> <i>Manufacture of special-purpose machinery</i>	<b>282</b>	10,555,009	137,834	105,176	8,506	250,108
<b>Pembuatan kenderaan bermotor</b> <i>Manufacture of motor vehicles</i>	<b>291</b>	29,913,011	1,217,486	366,972	3,685	642,118
<b>Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler</b> <i>Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	<b>292</b>	1,237,894	52,160	4,481	3,250	19,226
<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	<b>293</b>	20,815,396	24,517	561,256	11,429	292,554
<b>Pembinaan kapal dan bot</b> <i>Building of ships and boats</i>	<b>301</b>	3,359,416	4,114,922	3,910	54,266	187,173
<b>Pembuatan keretapi dan rolling stock</b> <i>Manufacture of railway locomotives and rolling stock</i>	<b>302</b>	389,705	-	-	-	1,937

Jadual 23 - Komponen pendapatan mengikut kumpulan, 2015 (samb.)  
Table 23 - Component of income by group, 2015 (cont'd)

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jualan daripada produk yang dibuat/ proses/ pemasangan	Pendapatan daripada perkhidmatan perindustrian yang diberikan	Nilai jualan (daripada barang/ bahan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya)	Pendapatan daripada sewa	Pendapatan lain
<i>Group description</i>	<i>Group code</i>	<i>Sales of manufactured/ processed/ assembled products</i>	<i>Income from industrial services rendered</i>	<i>Value of sales (from goods/ materials purchased from resale without further processing)</i>	<i>Rental income received</i>	<i>Other income</i>
<b>Pembuatan pesawat dan kapal angkasa dan jentera berkaitan</b> <i>Manufacture of air and spacecraft and related machinery</i>	<b>303</b>	3,479,701	310,770	5,728	1,005	46,460
<b>Pembuatan kenderaan tempur ketenteraan; Pembuatan kelengkapan pengangkutan t.t.t.l.</b> <i>Manufacture of military fighting vehicles</i> <i>Manufacture of transport equipment n.e.c</i>	<b>304</b> <b>309</b>	5,045,104	1,973,316	208,093	3,189	82,789
<b>Pembuatan perabot</b> <i>Manufacture of furniture</i>	<b>310</b>	12,815,117	73,623	134,708	30,096	232,463
<b>Pembuatan barang kemas, bijouterie dan artikel berkaitan</b> <i>Manufacture of jewellery, bijouterie and related articles</i>	<b>321</b>	3,481,709	333,180	13,309	627	9,851
<b>Pembuatan instrumen muzik</b> <i>Manufacture of musical instruments</i>	<b>322</b>	3,315	-	-	-	66
<b>Pembuatan barangan sukan</b> <i>Manufacture of sports goods</i>	<b>323</b>	189,828	1,012	790	78	4,425
<b>Pembuatan permainan dan mainan</b> <i>Manufacture of games and toys</i>	<b>324</b>	656,194	160	2,539	389	8,080
<b>Pembuatan peralatan dan bekalan perubatan dan pergigian</b> <i>Manufacture of medical and dental instrument and supplies</i>	<b>325</b>	1,272,562	25,661	3,058	226	74,410

**Jadual 23 - Komponen pendapatan mengikut kumpulan, 2015 (samb.)**  
*Table 23 - Component of income by group, 2015 (cont'd)*

(RM '000)

Keterangan kumpulan	Kod kumpulan	Jualan daripada produk yang dibuat/ proses/ pemasangan	Pendapatan daripada perkhidmatan perindustrian yang diberikan	Nilai jualan (daripada barang/ bahan yang dibeli untuk dijual semula tanpa melalui proses selanjutnya)	Pendapatan daripada sewa	Pendapatan lain
<i>Group description</i>	<i>Group code</i>	<i>Sales of manufactured/ processed/ assembled products</i>	<i>Income from industrial services rendered</i>	<i>Value of sales (from goods/ materials purchased from resale without further processing)</i>	<i>Rental income received</i>	<i>Other income</i>
<b>Pembuatan lain t.t.t.l.</b> <i>Other manufacturing n.e.c.</i>	<b>329</b>	3,352,380	5,767	152,090	2,507	117,401
<b>Pembaikan produk logam yang direka, jentera dan kelengkapan</b> <i>Repair of fabricated metal products, machinery and equipment</i>	<b>331</b>	4,006,121	3,619,939	61,592	27,787	96,887
<b>Pemasangan bagi perindustrian mesin dan kelengkapan</b> <i>Installation of industrial machinery and equipment</i>	<b>332</b>	947,375	80,560	18,852	617	9,792

Jadual 24 - Pembolehubah perbelanjaan terpilih mengikut kumpulan, 2015  
 Table 24 - Selected expenditure variables by group, 2015

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Penyelidikan dan pembangunan <i>Research and development</i>	Pengiklanan dan promosi <i>Advertisement and promotion</i>	Teknologi maklumat <i>Information technology</i>
			(RM '000)	(RM '000)	(RM '000)
<b>Jumlah</b> <i>Total</i>		<b>49,101</b>	<b>8,393,362</b>	<b>1,783,313</b>	<b>828,889</b>
<b>Pemprosesan dan pengawetan daging</b> <i>Processing and preserving of meat</i>	<b>101</b>	220	48,436	12,702	707
<b>Pemprosesan dan pengawetan ikan, krustasea dan moluska</b> <i>Processing and preserving of fish, crustaceans and molluscs</i>	<b>102</b>	664	6,999	6,949	127
<b>Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran</b> <i>Processing and preserving of fruits and vegetables</i>	<b>103</b>	420	1,155	4,693	273
<b>Pembuatan minyak dan lemak sayuran dan haiwan</b> <i>Manufacture of vegetable and animal oils and fats</i>	<b>104</b>	632	874,066	64,345	24,759
<b>Pembuatan produk tenusu</b> <i>Manufacture of dairy products</i>	<b>105</b>	136	38,709	18,152	13,799
<b>Pembuatan produk bijian, kanji dan produk berkanji</b> <i>Manufacture of grain mill products, starches and starch products</i>	<b>106</b>	283	30,539	8,972	401
<b>Pembuatan produk makanan lain</b> <i>Manufacture of other food products</i>	<b>107</b>	5,580	88,494	217,745	20,108
<b>Pembuatan makanan haiwan tersedia</b> <i>Manufacture of prepared animal feeds</i>	<b>108</b>	128	56,117	14,235	2,183
<b>Pembuatan minuman</b> <i>Manufacture of beverages</i>	<b>110</b>	432	37,140	50,845	1,870
<b>Pembuatan produk tembakau</b> <i>Manufacture of tobacco products</i>	<b>120</b>	26	8,680	6,540	402
<b>Pemintalan, penenunan dan penyiapan tekstil</b> <i>Spining, weaving and finishing of textiles</i>	<b>131</b>	490	41,277	4,845	1,560

**Jadual 24 - Pembolehubah perbelanjaan terpilih mengikut kumpulan, 2015 (samb.)**  
*Table 24 - Selected expenditure variables by group, 2015 (cont'd)*

Keterangan kumpulan	Kod kumpulan	Bilangan pertubuhan	Penyelidikan dan pembangunan	Pengiklanan dan promosi	Teknologi maklumat
<i>Group description</i>	<i>Group code</i>	<i>Number of establishments</i>	<i>Research and development</i>	<i>Advertisement and promotion</i>	<i>Information technology</i>
			(RM '000)	(RM '000)	(RM '000)
<b>Pembuatan tekstil lain</b> <i>Manufacture of other textiles</i>	<b>139</b>	734	11,509	1,534	157
<b>Pembuatan pakaian, kecuali pakaian berbulu</b> <i>Manufacture of wearing apparel, except fur apparel</i>	<b>141</b>	7,474	33,855	6,454	1,422
<b>Pembuatan artikel bulu</b> <i>Manufacture of articles of fur</i>	<b>142</b>	6	1	144	-
<b>Pembuatan pakaian yang dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted apparel</i>	<b>143</b>	32	22	86	2
<b>Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah; pembersihan dan pewarnaan bulu</b> <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	<b>151</b>	107	2,207	1,302	202
<b>Pembuatan kasut</b> <i>Manufacture of footwear</i>	<b>152</b>	268	3,181	1,175	34
<b>Pengilangan dan pengetaman kayu</b> <i>Sawmilling and planing of wood</i>	<b>161</b>	657	4,138	2,165	581
<b>Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain</b> <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	<b>162</b>	1,137	55,391	7,146	2,732
<b>Pembuatan kertas dan produk kertas</b> <i>Manufacture of paper and paper products</i>	<b>170</b>	936	49,459	13,325	10,630
<b>Percetakan dan aktiviti perkhidmatan berkaitan percetakan</b> <i>Printing and service activities related to printing</i>	<b>181</b>	3,192	15,439	19,284	8,607
<b>Penerbitan semula media rakaman</b> <i>Reproduction of recorded media</i>	<b>182</b>	21	14	58	90
<b>Pembuatan produk petroleum bertapis</b> <i>Manufacture of refined petroleum products</i>	<b>192</b>	124	656,824	5,203	79,367

Jadual 24 - Pembolehubah perbelanjaan terpilih mengikut kumpulan, 2015 (samb.)  
 Table 24 - Selected expenditure variables by group, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Penyelidikan dan pembangunan <i>Research and development</i>	Pengiklanan dan promosi <i>Advertisement and promotion</i>	Teknologi maklumat <i>Information technology</i>
			(RM '000)	(RM '000)	(RM '000)
<b>Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer</b> <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	201	607	611,492	63,611	83,308
<b>Pembuatan produk kimia lain</b> <i>Manufacture of other chemical products</i>	202	854	104,615	182,144	18,147
<b>Pembuatan serat buatan manusia</b> <i>Manufacture of man-made fibres</i>	203	12	247	9	248
<b>Pembuatan produk farmaseutikal, kimia perubatan dan botani</b> <i>Manufacture of pharmaceuticals, medical chemical and botanical products</i>	210	371	33,193	50,304	1,662
<b>Pembuatan produk getah</b> <i>Manufacture of rubber products</i>	221	670	186,263	63,023	12,023
<b>Pembuatan produk plastik</b> <i>Manufacture of plastic products</i>	222	1,958	131,599	29,451	13,247
<b>Pembuatan kaca dan produk kaca</b> <i>Manufacture of glass and glass products</i>	231	432	16,151	2,347	1,656
<b>Pembuatan produk mineral bukan logam t.t.t.l</b> <i>Manufacture of non-metallic mineral products n.e.c</i>	239	1,640	144,293	47,207	36,800
<b>Pembuatan besi asas dan keluli</b> <i>Manufacture of basic iron and steel</i>	241	798	199,093	13,870	8,542
<b>Pembuatan logam asas berharga dan logam bukan ferus lain</b> <i>Manufacture of basic precious and other non-ferrous metals</i>	242	421	126,894	19,867	3,395
<b>Pengacuan logam</b> <i>Casting of metals</i>	243	338	9,249	3,192	236

Jadual 24 - Pembolehubah perbelanjaan terpilih mengikut kumpulan, 2015 (samb.)  
Table 24 - Selected expenditure variables by group, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Penyelidikan dan pembangunan <i>Research and development</i>	Pengiklanan dan promosi <i>Advertisement and promotion</i>	Teknologi maklumat <i>Information technology</i>
			(RM '000)	(RM '000)	(RM '000)
<b>Pembuatan produk struktur logam, tangki, takungan dan penjana wap; Pembuatan senjata dan peluru</b> <i>Manufacture of structural metal products, tanks, reservoirs and steam generators; Manufacture of weapons and ammunition</i>	251 252	3,232	21,418	13,396	19,451
<b>Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam</b> <i>Manufacture of other fabricated metal products; metal working service activities</i>	259	2,144	63,844	40,242	16,037
<b>Pembuatan komponen dan papan elektronik</b> <i>Manufacture of electronic components and boards</i>	261	509	2,609,041	34,977	218,128
<b>Pembuatan komputer dan kelengkapan peranti</b> <i>Manufacture of computers and peripheral equipment</i>	262	108	353,238	4,327	27,330
<b>Pembuatan peralatan komunikasi</b> <i>Manufacture of communication equipment</i>	263	76	246,605	1,318	12,014
<b>Pembuatan elektronik pengguna</b> <i>Manufacture of consumer electronics</i>	264	101	205,726	68,154	47,326
<b>Pembuatan kelengkapan mengukur, menguji, mengemudi (memandu arah) dan kawalan; jam tangan dan jam</b> <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	265	120	150,783	7,332	5,566
<b>Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik</b> <i>Manufacture of irradiation, electro medical and electrotherapeutic equipment</i>	266	42	14,386	4,422	538
<b>Pembuatan peralatan optikal dan alatan fotografi</b> <i>Manufacture of optical instruments and photographic equipment</i>	267	21	5,405	107	987
<b>Pembuatan media magnetik dan optikal</b> <i>Manufacture of magnetic and optical media</i>	268	8	-	93	-
<b>Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik</b> <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	271	344	51,521	7,263	3,910

Jadual 24 - Pembolehubah perbelanjaan terpilih mengikut kumpulan, 2015 (samb.)  
 Table 24 - Selected expenditure variables by group, 2015 (cont'd)

Keterangan kumpulan	Kod kumpulan	Bilangan pertubuhan	Penyelidikan dan pembangunan	Pengiklanan dan promosi	Teknologi maklumat
<i>Group description</i>	<i>Group code</i>	<i>Number of establishments</i>	<i>Research and development</i>	<i>Advertisement and promotion</i>	<i>Information technology</i>
			(RM '000)	(RM '000)	(RM '000)
<b>Pembuatan bateri dan akumulator</b> <i>Manufacture of batteries and accumulators</i>	<b>272</b>	33	4,809	435	15
<b>Pembuatan pendawaian dan alatan pendawaian</b> <i>Manufacture of wiring and wiring devices</i>	<b>273</b>	209	52,276	2,828	3,806
<b>Pembuatan kelengkapan pencahayaan elektrik</b> <i>Manufacture of electric lighting equipment</i>	<b>274</b>	95	4,045	2,089	301
<b>Pembuatan perkakasan domestik</b> <i>Manufacture of domestic appliances</i>	<b>275</b>	122	170,494	4,208	1,675
<b>Pembuatan kelengkapan elektrik lain</b> <i>Manufacture of other electrical equipment</i>	<b>279</b>	196	19,123	2,588	333
<b>Pembuatan jentera kegunaan umum</b> <i>Manufacture of general-purpose machinery</i>	<b>281</b>	925	217,298	100,643	14,131
<b>Pembuatan mesin bagi tujuan khas</b> <i>Manufacture of special-purpose machinery</i>	<b>282</b>	1,015	54,945	8,401	11,268
<b>Pembuatan kenderaan bermotor</b> <i>Manufacture of motor vehicles</i>	<b>291</b>	78	134,460	382,244	50,420
<b>Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler</b> <i>Manufacture of bodies(coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	<b>292</b>	139	1,560	1,051	202
<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	<b>293</b>	525	190,395	22,613	23,018
<b>Pembinaan kapal dan bot</b> <i>Building of ships and boats</i>	<b>301</b>	252	39,751	6,901	630

Jadual 24 - Pembolehubah perbelanjaan terpilih mengikut kumpulan, 2015 (samb.)  
 Table 24 - Selected expenditure variables by group, 2015 (cont'd)

Keterangan kumpulan <i>Group description</i>	Kod kumpulan <i>Group code</i>	Bilangan pertubuhan <i>Number of establishments</i>	Penyelidikan dan pembangunan <i>Research and development</i>	Pengiklanan dan promosi <i>Advertisement and promotion</i>	Teknologi maklumat <i>Information technology</i>
			(RM '000)	(RM '000)	(RM '000)
<b>Pembuatan keretapi dan <i>rolling stock</i></b> <i>Manufacture of railway locomotives and rolling stock</i>	302	5	2,772	237	67
<b>Pembuatan pesawat dan kapal angkasa dan jentera berkaitan</b> <i>Manufacture of air and spacecraft and related machinery</i>	303	31	18,686	24,957	2,465
<b>Pembuatan kenderaan tempur ketenteraan; Pembuatan kelengkapan pengangkutan t.t.t.l.</b> <i>Manufacture of military fighting vehicles; Manufacture of transport equipment n.e.c</i>	304 309	92	25,227	47,485	8,457
<b>Pembuatan perabot</b> <i>Manufacture of furniture</i>	310	2,521	28,197	30,983	4,012
<b>Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan</b> <i>Manufacture of jewellery, bijouterie and related articles</i>	321	290	28,749	1,902	511
<b>Pembuatan instrumen muzik</b> <i>Manufacture of musical instruments</i>	322	6	-	2	-
<b>Pembuatan barangan sukan</b> <i>Manufacture of sports goods</i>	323	36	248	193	-
<b>Pembuatan permainan dan mainan</b> <i>Manufacture of games and toys</i>	324	32	446	527	1
<b>Pembuatan peralatan dan bekalan perubatan dan pergigian</b> <i>Manufacture of medical and dental instrument and supplies</i>	325	238	9,226	1,838	583
<b>Pembuatan lain t.t.t.l</b> <i>Other manufacturing n.e.c.</i>	329	888	16,360	8,889	3,253
<b>Pembaikan produk logam yang direka, jentera dan kelengkapan</b> <i>Repair of fabricated metal products, machinery and equipment</i>	331	2,677	20,891	6,807	2,761
<b>Pemasangan bagi perindustrian mesin dan kelengkapan</b> <i>Installation of industrial machinery and equipment</i>	332	191	4,698	940	415

**Jadual 25 - Perangkaan utama pertubuhan milikan wanita dalam sektor pembuatan mengikut negeri, 2015**

*Table 25 - Principal statistics of women owned establishments in manufacturing sector by state, 2015*

Negeri	Bilangan pertubuhan	Nilai output kasar	Nilai input perantaraan	Nilai ditambah	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir	Gaji & upah yang dibayar	Nilai harta tetap yang dimiliki pada akhir tahun
<i>State</i>	<i>Number of establishments</i>	<i>Value of gross output</i>	<i>Value of Intermediate input</i>	<i>Value added</i>	<i>Total number of persons engaged during December or the last pay period</i>	<i>Salaries &amp; wages paid</i>	<i>Value of fixed assets owned as at the end of the year</i>
		(RM '000)	(RM '000)	(RM '000)		(RM '000)	(RM '000)
<b>Jumlah Total</b>	<b>9,546</b>	<b>16,710,728</b>	<b>12,524,507</b>	<b>4,186,221</b>	<b>86,051</b>	<b>1,991,742</b>	<b>5,470,047</b>
<b>Johor</b>	1,190	3,775,845	2,818,871	956,974	22,959	676,910	2,178,042
<b>Kedah</b>	989	749,981	538,253	211,728	5,861	101,565	161,881
<b>Kelantan</b>	734	133,191	85,279	47,912	2,579	21,487	31,928
<b>Melaka</b>	328	179,424	129,857	49,567	1,385	21,465	51,018
<b>Negeri Sembilan</b>	467	440,496	300,711	139,786	3,186	65,336	160,524
<b>Pahang</b>	523	268,063	211,868	56,195	2,032	25,425	84,879
<b>Perak</b>	890	872,713	670,269	202,444	6,062	104,239	228,529
<b>Perlis</b>	171	27,966	17,277	10,689	499	4,374	9,500
<b>Pulau Pinang</b>	447	1,602,720	1,205,061	397,659	6,445	170,792	345,322
<b>Sabah</b>	484	1,047,447	851,283	196,164	4,486	77,326	220,243
<b>Sarawak</b>	612	2,635,962	2,249,305	386,657	4,894	89,592	701,700
<b>Selangor</b>	933	3,998,094	2,832,292	1,165,802	17,113	474,337	1,104,365
<b>Terengganu</b>	969	117,947	75,644	42,303	2,639	23,612	28,966
<b>W. P. Kuala Lumpur</b>	751	847,722	530,164	317,559	5,736	132,958	157,737
<b>W. P. Labuan</b>	47	12,499	8,015	4,484	157	2,169	5,185
<b>W. P. Putrajaya</b>	11	659	358	301	18	155	229

**Jadual 26 - Perangkaan utama pertubuhan milikan wanita dalam sektor pembuatan mengikut taraf sah, 2015**  
*Table 26 - Principal statistics of women owned establishments in manufacturing sector by legal status, 2015*

Taraf sah <i>Legal status</i>	Bilangan pertubuhan <i>Number of establishments</i>	Nilai output kasar <i>Value of gross output</i> (RM '000)	Nilai input perantaraan <i>Value of Intermediate input</i> (RM '000)	Nilai ditambah <i>Value added</i> (RM '000)	Jumlah pekerja pada bulan Disember atau pada tempoh gaji akhir <i>Total number of persons engaged during December or the last pay period</i>	Gaji & upah yang dibayar <i>Salaries &amp; wages paid</i> (RM '000)	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at the end of the year</i> (RM '000)
<b>Jumlah</b> <i>Total</i>	<b>9,546</b>	<b>16,710,728</b>	<b>12,524,507</b>	<b>4,186,221</b>	<b>86,051</b>	<b>1,991,742</b>	<b>5,470,047</b>
<b>Hak milik perseorangan</b> <i>Individual proprietorship</i>	7,211	871,711	521,730	349,981	20,067	175,147	253,369
<b>Perkongsian</b> <i>Partnership</i>	719	457,068	301,708	155,360	5,517	77,697	108,601
<b>Perkongsian liabiliti terhad</b> <i>Limited liabilities partnership</i>	3	5,089	3,589	1,500	77	1,171	440
<b>Syarikat sendirian berhad</b> <i>Private limited company</i>	1,610	15,169,286	11,502,496	3,666,790	59,799	1,715,194	5,060,003
<b>Lain-lain</b> <i>Others</i>	3	207,575	194,984	12,591	591	22,533	47,634



**PEMBUATAN**  
*MANUFACTURING*



**LAMPIRAN**

***APPENDIX***

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**Piawaian Klasifikasi Industri Malaysia 2008 Ver. 1.0  
Malaysia Standard Industrial Classification 2008 Ver. 1.0**

<b>Kumpulan Group</b>	<b>Perkara Item</b>	<b>Keterangan Description</b>	<b>MSIC 2000 MSIC 2000</b>
<b>101</b>		<b>Pemprosesan dan pengawetan daging</b> <i>Processing and preserving of meat</i>	
	10101	<b>Pemprosesan dan pengawetan daging dan pengeluaran produk daging</b> <i>Processing and preserving of meat and production of meat products</i>	15119p
	10102	<b>Pemprosesan dan pengawetan ayam itik dan produk ayam itik</b> <i>Processing and preserving of poultry and poultry products</i>	15111p
	10103	<b>Pengeluaran belulang dan kulit daripada rumah penyembelihan</b> <i>Production of hides and skins originating from slaughterhouses</i>	15111p, 15119p
	10104	<b>Operasi rumah penyembelihan yang terlibat dalam pembunuhan, pembersihan atau pembungkusan daging</b> <i>Operation of slaughterhouses engaged in killing, dressing or packing of meat</i>	15111p, 15119p
	10109	<b>Pemprosesan dan pengawetan daging t.t.t.l.</b> <i>Processing and preserving of meat n.e.c.</i>	15119p
<b>102</b>		<b>Pemprosesan dan pengawetan ikan, krustasea dan moluska</b> <i>Processing and preserving of fish, crustaceans and molluscs</i>	
	10201	<b>Pengetinan ikan, krustasea dan moluska</b> <i>Canning of fish, crustaceans and molluscs</i>	15120p
	10202	<b>Pemprosesan dan pengawetan ikan, krustasea dan moluska</b> <i>Processing, curing and preserving of fish, crustacean and molluscs</i>	15120p
	10203	<b>Pengeluaran makanan berasaskan ikan untuk manusia atau haiwan</b> <i>Production of fish meals for human consumption or animal feed</i>	15120p
	10204	<b>Pengeluaran keropok termasuk keropok lekor</b> <i>Production of keropok including keropok lekor</i>	15120p, 15497p
	10205	<b>Pemprosesan rumpai laut</b> <i>Processing of seaweed</i>	05001p
<b>103</b>		<b>Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran</b> <i>Processing and preserving of fruits and vegetables</i>	
	10301	<b>Pembuatan produk makanan buah-buahan dan sayur-sayuran</b> <i>Manufacture of fruit and vegetable food products</i>	15139p
	10302	<b>Pembuatan jus buah-buahan dan sayur-sayuran</b> <i>Manufacture of fruit and vegetable juices</i>	15139p
	10303	<b>Pengetinan nanas</b> <i>Pineapple canning</i>	15131

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<b>Kumpulan Group</b>	<b>Perkara Item</b>	<b>Keterangan Description</b>	<b>MSIC 2000 MSIC 2000</b>
	10304	<b>Pembuatan jem, marmalad dan sajian jeli</b> <i>Manufacture of jams, marmalades and table jellies</i>	15139p
	10305	<b>Pembuatan kacang dan produk kekacang</b> <i>Manufacture of nuts and nut products</i>	15495
	10306	<b>Pembuatan produk tauhu</b> <i>Manufacture of bean curd products</i>	15149p
<b>104</b>		<b>Pembuatan minyak dan lemak sayuran dan haiwan</b> <i>Manufacture of vegetable and animal oils and fats</i>	
	10401	<b>Pembuatan minyak sawit mentah</b> <i>Manufacture of crude palm oil</i>	15142
	10402	<b>Pembuatan minyak sawit bertapis</b> <i>Manufacture of refined palm oil</i>	15143
	10403	<b>Pembuatan minyak isirong</b> <i>Manufacture of palm kernel oil</i>	15144
	10404	<b>Pembuatan minyak sayuran mentah dan bertapis</b> <i>Manufacture of crude and refined vegetable oil</i>	15149p
	10405	<b>Pembuatan minyak kelapa</b> <i>Manufacture of coconut oil</i>	15141
	10406	<b>Pembuatan sebatian lemak masakan</b> <i>Manufacture of compound cooking fats</i>	15149p
	10407	<b>Pembuatan minyak dan lemak haiwan</b> <i>Manufacture of animal oils and fats</i>	15149p
<b>105</b>		<b>Pembuatan produk tenusu</b> <i>Manufacture of dairy products</i>	
	10501	<b>Pembuatan aiskrim dan ais lain yang boleh dimakan seperti sorbet</b> <i>Manufacture of ice cream and other edible ice such as sorbet</i>	15201
	10502	<b>Pembuatan susu pekat, tepung dan sejat</b> <i>Manufacture of condensed, powdered and evaporated milk</i>	15202
	10509	<b>Pembuatan produk tenusu lain t.t.t.l.</b> <i>Manufacture of other dairy products n.e.c.</i>	15209
<b>106</b>		<b>Pembuatan produk bijian, kanji dan produk berkanji</b> <i>Manufacture of grain mill products, starches and starch products</i>	
	10611	<b>Pengilangan beras</b> <i>Rice milling</i>	15311

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<b>Kumpulan Group</b>	<b>Perkara Item</b>	<b>Keterangan Description</b>	<b>MSIC 2000 MSIC 2000</b>
	10612	<b>Perkhidmatan persediaan pengilangan</b> <i>Provision of milling services</i>	15319p
	10613	<b>Pengilangan tepung</b> <i>Flour milling</i>	15312
	10619	<b>Pembuatan produk bijian t.t.t.l.</b> <i>Manufacture of grain mill products n.e.c.</i>	15319p
	10621	<b>Pembuatan kanji dan produk berkanji</b> <i>Manufacture of starches and starch products</i>	15321, 15322p, 15323p, 15329
	10622	<b>Pembuatan glukosa, sirap glukosa, maltosa, inulin</b> <i>Manufacture of glucose, glucose syrup, maltose, inulin</i>	15322p
	10623	<b>Pembuatan tepung/produk sago dan ubi kayu</b> <i>Manufacture of sago and tapioca flour/products</i>	15323p
<b>107</b>		<b>Pembuatan produk makanan lain</b> <i>Manufacture of other food products</i>	
	10711	<b>Pembuatan biskut dan cookies</b> <i>Manufacture of biscuits and cookies</i>	15411
	10712	<b>Pembuatan roti, kek dan produk bakeri lain</b> <i>Manufacture of bread, cakes and other bakery products</i>	15412p
	10713	<b>Pembuatan produk snek</b> <i>Manufacture of snack products</i>	15497p
	10714	<b>Pembuatan produk bakeri yang dibeku</b> <i>Manufacture of frozen bakery products</i>	15412p
	10721	<b>Pembuatan gula</b> <i>Manufacture of sugar</i>	15420p
	10722	<b>Pembuatan produk daripada gula</b> <i>Manufacture of sugar products</i>	15420p
	10731	<b>Pembuatan produk koko</b> <i>Manufacture of cocoa products</i>	15431
	10732	<b>Pembuatan coklat dan produk coklat</b> <i>Manufacture of chocolate and chocolate products</i>	15432p
	10733	<b>Pembuatan konfeksi gula</b> <i>Manufacture of sugar confectionery</i>	15432p
	10741	<b>Pembuatan bihun, mi dan produk lain yang berkaitan</b> <i>Manufacture of meehoon, noodles and other related products</i>	15440p

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<b>Kumpulan Group</b>	<b>Perkara Item</b>	<b>Keterangan Description</b>	<b>MSIC 2000 MSIC 2000</b>
	10742	<b>Pembuatan pasta</b> <i>Manufacture of pastas</i>	15440p
	10750	<b>Pembuatan makanan dan hidangan tersedia</b> <i>Manufacture of prepared meals and dishes</i>	15111p, 15119p, 15120p, 15499p
	10791	<b>Pembuatan kopi</b> <i>Manufacture of coffee</i>	15492
	10792	<b>Pembuatan teh</b> <i>Manufacture of tea</i>	15493
	10793	<b>Pembuatan sos dan bahan perasa</b> <i>Manufacture of sauces and condiments</i>	15496
	10794	<b>Pembuatan rempah ratus dan serbuk kari</b> <i>Manufacture of spices and curry powder</i>	15494
	10795	<b>Pembuatan produk berasaskan telur</b> <i>Manufacture of egg products</i>	15499p
	10799	<b>Pembuatan produk makanan lain t.t.t.l.</b> <i>Manufacture of other food products n.e.c.</i>	15499p, 24290p
<b>108</b>		<b>Pembuatan makanan haiwan tersedia</b> <i>Manufacture of prepared animal feeds</i>	
	10800	<b>Pembuatan makanan haiwan tersedia</b> <i>Manufacture of prepared animal feeds</i>	15330
<b>110</b>		<b>Pembuatan minuman</b> <i>Manufacture of beverages</i>	
	11010	<b>Penyulingan, pembersihan dan pencampuran spirit</b> <i>Distilling, rectifying and blending of spirits</i>	15510
	11020	<b>Pembuatan wain</b> <i>Manufacture of wines</i>	15520
	11030	<b>Pembuatan minuman keras malt dan malt</b> <i>Manufacture of malt liquors and malt</i>	15530
	11041	<b>Pembuatan minuman ringan</b> <i>Manufacture of soft drinks</i>	15541
	11042	<b>Pengeluaran air mineral semulajadi dan minuman lain yang dibotolkan</b> <i>Production of natural mineral waters and other bottled waters</i>	15542

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<b>Kumpulan</b> <i>Group</i>	<b>Perkara</b> <i>Item</i>	<b>Keterangan</b> <i>Description</i>	<b>MSIC 2000</b> <i>MSIC 2000</i>
<b>120</b>		<b>Pembuatan produk tembakau</b> <i>Manufacture of tobacco products</i>	
	12000	<b>Pembuatan produk tembakau</b> <i>Manufacture of tobacco products</i>	16000
<b>131</b>		<b>Pemintalan, penenunan dan penyiapan tekstil</b> <i>Spining, weaving and finishing of textiles</i>	
	13110	<b>Penyediaan dan pemintalan gentian tekstil</b> <i>Preparation and spinning of textile fibres</i>	17111p, 17112p
	13120	<b>Penenunan tekstil</b> <i>Weaving of textiles</i>	17111p, 17112p
	13131	<b>Membuat batik</b> <i>Batik making</i>	17122
	13132	<b>Pewarnaan, pelunturan, percetakan dan penyiapan akhir benang dan fabrik</b> <i>Dyeing, bleaching, printing and finishing of yarns and fabrics</i>	17121
	13139	<b>Penyiapan akhir tekstil lain</b> <i>Other finishing of textiles</i>	17210p
<b>139</b>		<b>Pembuatan tekstil lain</b> <i>Manufacture of other textiles</i>	
	13910	<b>Pembuatan fabrik dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted fabrics</i>	17300p
	13921	<b>Pembuatan artikel tersedia bagi bahan tekstil seumpamanya, termasuk fabrik dikait atau dikrusye</b> <i>Manufacture of made-up articles of any textile materials, including of knitted or crocheted fabrics</i>	17210p
	13922	<b>Pembuatan artikel perhiasan tersedia</b> <i>Manufacture of made-up furnishing articles</i>	17210p
	13930	<b>Pembuatan permaidani dan hamparan</b> <i>Manufacture of carpets and rugs</i>	17220
	13940	<b>Pembuatan bagi tali-temali, tali, tali pintal dan jaring</b> <i>Manufacture of cordage, rope, twine and netting</i>	17230p
	13990	<b>Pembuatan tekstil lain t.t.t.l.</b> <i>Manufacture of other textiles n.e.c.</i>	17291, 17299
<b>141</b>		<b>Pembuatan pakaian, kecuali pakaian berbulu</b> <i>Manufacture of wearing apparel, except fur apparel</i>	

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Kumpulan Group	Perkara Item	Keterangan Description	MSIC 2000 MSIC 2000
	14101	<b>Pembuatan pakaian spesifik</b> <i>Manufacture of specific wearing apparel</i>	18101p, 18102p, 18109p
	14102	<b>Pembuatan pakaian</b> <i>Manufacture of clothings</i>	18101p
	14103	<b>Jahitan pakaian tempahan</b> <i>Custom tailoring</i>	18102p
	14109	<b>Pembuatan aksesori pakaian lain</b> <i>Manufacture of other clothing accessories</i>	18109p
<b>142</b>		<b>Pembuatan artikel bulu</b> <i>Manufacture of articles of fur</i>	
	14200	<b>Pembuatan artikel daripada kulit bulu</b> <i>Manufacture of articles made of fur skins</i>	18200p
<b>143</b>		<b>Pembuatan pakaian yang dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted apparel</i>	
	14300	<b>Pembuatan pakaian yang dikait dan dikrusye</b> <i>Manufacture of knitted and crocheted apparel</i>	17300p
<b>151</b>		<b>Penyamakan dan pembersihan kulit, pembuatan bagasi, beg tangan, pelana dan abah-abah; pembersihan dan pewarnaan bulu</b> <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	
	15110	<b>Penyamakan dan pembersihan kulit; pembersihan dan pewarnaan bulu</b> <i>Tanning and dressing of leather; dressing and dyeing of fur</i>	19110, 18200p
	15120	<b>Pembuatan bagasi, beg tangan dan seumpamanya, pelana dan abah-abah</b> <i>Manufacture of luggage, handbags and the like, saddlery and harness</i>	19120
<b>152</b>		<b>Pembuatan kasut</b> <i>Manufacture of footwear</i>	
	15201	<b>Pembuatan kasut kulit</b> <i>Manufacture of leather footwear</i>	19200p
	15202	<b>Pembuatan kasut plastik</b> <i>Manufacture of plastic footwear</i>	19200p
	15203	<b>Pembuatan kasut getah</b> <i>Manufacture of rubber footwear</i>	19200p
	15209	<b>Pembuatan kasut lain t.t.t.l.</b> <i>Manufacture of other footwear n.e.c.</i>	19200p

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<b>Kumpulan Group</b>	<b>Perkara Item</b>	<b>Keterangan Description</b>	<b>MSIC 2000 MSIC 2000</b>
<b>161</b>		<b>Pengilangan dan pengetaman kayu</b> <i>Sawmilling and planing of wood</i>	
	16100	<b>Pengilangan dan pengetaman kayu</b> <i>Sawmilling and planing of wood</i>	20100
<b>162</b>		<b>Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain</b> <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	
	16211	<b>Pembuatan kepingan venier dan papan lapis</b> <i>Manufacture of veneer sheets and plywood</i>	20211, 20212p
	16212	<b>Pembuatan papan partikel dan papan gentian</b> <i>Manufacture of particle board and fibreboard</i>	20212p
	16221	<b>Pertukangan kayu untuk jurubina</b> <i>Manufacture of builders' carpentry</i>	20220p
	16222	<b>Pembuatan produk tanggam kayu</b> <i>Manufacture of joinery wood products</i>	20220p
	16230	<b>Pembuatan bekas kayu</b> <i>Manufacture of wooden containers</i>	20230p
	16291	<b>Pembuatan kayu arang</b> <i>Manufacture of wood charcoal</i>	20291
	16292	<b>Pembuatan produk kayu lain; rotan, artikel gabus, jerami dan bahan jalinan</b> <i>Manufacture of other products of wood, cane, articles of cork, straw and plaiting materials</i>	19200p, 20299, 20230p, 36999p
<b>170</b>		<b>Pembuatan kertas dan produk kertas</b> <i>Manufacture of paper and paper products</i>	
	17010	<b>Pembuatan pulpa, kertas dan kertas tebal</b> <i>Manufacture of pulp, paper and paperboard</i>	21010, 21091p
	17020	<b>Pembuatan kertas gelugur dan kertas tebal dan bekas daripada kertas dan kertas tebal</b> <i>Manufacture of corrugated paper and paperboard and of containers of paper and paperboard</i>	21020
	17091	<b>Pembuatan sampul surat dan kad surat</b> <i>Manufacture of envelopes and letter-card</i>	21092
	17092	<b>Pembuatan kertas kegunaan rumah dan pembersih peribadi</b> <i>Manufacture of household and personal hygiene paper</i>	21093, 21094, 21095

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<b>Kumpulan</b> <i>Group</i>	<b>Perkara</b> <i>Item</i>	<b>Keterangan</b> <i>Description</i>	<b>MSIC 2000</b> <i>MSIC 2000</i>
	17093	<b>Pembuatan kertas bergam atau pelekat yang berjalur atau bergulung dan label dan kertas dinding</b> <i>Manufacture of gummed or adhesive paper in strips or rolls and labels and wall paper</i>	21096
	17094	<b>Pembuatan patung, barangan kertas upacara pengebumian, kertas colok</b> <i>Manufacture of effigies, funeral paper goods, joss papers</i>	21097
	17099	<b>Pembuatan barang kertas dan kertas tebal lain yang t.t.t.l.</b> <i>Manufacture of other articles of paper and paperboard, n.e.c.</i>	21099
<b>181</b>		<b>Percetakan dan aktiviti perkhidmatan berkaitan percetakan</b> <i>Printing and service activities related to printing</i>	
	18110	<b>Percetakan</b> <i>Printing</i>	22210
	18120	<b>Aktiviti perkhidmatan berkaitan percetakan</b> <i>Service activities related to printing</i>	22220
<b>182</b>		<b>Penerbitan semula media rakaman</b> <i>Reproduction of recorded media</i>	
	18200	<b>Penerbitan semula media rakaman</b> <i>Reproduction of recorded media</i>	22300
<b>191</b>		<b>Pembuatan produk ketuhar kok</b> <i>Manufacture of coke oven products</i>	
	19100	<b>Pembuatan produk ketuhar kok</b> <i>Manufacture of coke oven products</i>	23100
<b>192</b>		<b>Pembuatan produk petroleum bertapis</b> <i>Manufacture of refined petroleum products</i>	
	19201	<b>Pembuatan produk petroleum bertapis</b> <i>Manufacture of refined petroleum products</i>	23200p
	19202	<b>Pembuatan produk bio-diesel</b> <i>Manufacture of bio-diesel products</i>	23200p
<b>201</b>		<b>Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer</b> <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms</i>	
	20111	<b>Pembuatan gas perindustrian atau perubatan bukan organik dalam bentuk cecair atau mampat</b> <i>Manufacture of liquefied or compressed inorganic industrial or medical gases</i>	24111

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Kumpulan <i>Group</i>	Perkara <i>Item</i>	Keterangan <i>Description</i>	MSIC 2000 <i>MSIC 2000</i>
	20112	<b>Pembuatan kimia organik asas</b> <i>Manufacture of basic organic chemicals</i>	24119p
	20113	<b>Pembuatan sebatian bukan organik</b> <i>Manufacture of inorganic compounds</i>	24119p
	20119	<b>Pembuatan kimia asas lain t.t.t.l.</b> <i>Manufacture of others basic chemicals n.e.c</i>	23300, 24119p
	20121	<b>Pembuatan baja</b> <i>Manufacture of fertilizers</i>	24120p
	20129	<b>Pembuatan produk campuran nitrogen</b> <i>Manufacture of associated nitrogen products</i>	24120p
	20131	<b>Pembuatan plastik dalam bentuk primer</b> <i>Manufacture of plastics in primary forms</i>	24130p
	20132	<b>Pembuatan getah sintetik dalam bentuk primer: getah sintetik, tiruan</b> <i>Manufacture of synthetic rubber in primary forms: synthetic rubber, factice</i>	24130p
	20133	<b>Pembuatan campuran getah sintetik dan getah asli atau getah - seperti perekat</b> <i>Manufacture of mixtures of synthetic rubber and natural rubber or rubber- like gums</i>	24130p
<b>202</b>		<b>Pembuatan produk kimia lain</b> <i>Manufacture of other chemical products</i>	
	20210	<b>Pembuatan racun perosak dan produk agrokimia lain</b> <i>Manufacture of pesticides and other agrochemical products</i>	24210
	20221	<b>Pembuatan cat, varnis dan penyadur dan mastik</b> <i>Manufacture of paints, varnishes and similar coatings ink and mastics</i>	24221
	20222	<b>Pembuatan dakwat cetak</b> <i>Manufacture of printing ink</i>	24222
	20231	<b>Pembuatan sabun dan bahan pencuci, penyediaan membersih dan mengilat</b> <i>Manufacture of soap and detergents, cleaning and polishing preparations</i>	24240p
	20232	<b>Pembuatan pewangi dan penyediaan dandanan diri</b> <i>Manufacture of perfumes and toilet preparations</i>	24240p
	20291	<b>Pembuatan plat fotografi, filem, sensitized paper dan other sensitized unexposed materials</b> <i>Manufacture of photographic plates, films, sensitized paper and other sensitized unexposed materials</i>	24290p

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<b>Kumpulan Group</b>	<b>Perkara Item</b>	<b>Keterangan Description</b>	<b>MSIC 2000 MSIC 2000</b>
	20292	<b>Pembuatan dakwat menulis dan melukis</b> <i>Manufacture of writing and drawing ink</i>	24290p
	20299	<b>Pembuatan produk kimia lain t.t.t.l.</b> <i>Manufacture of other chemical products n.e.c.</i>	24290p, 36999p
<b>203</b>		<b>Pembuatan serat buatan manusia</b> <i>Manufacture of man-made fibres</i>	
	20300	<b>Pembuatan serat buatan manusia</b> <i>Manufacture of man-made fibres</i>	24300
<b>210</b>		<b>Pembuatan produk farmaseutikal, kimia perubatan dan botani</b> <i>Manufacture of pharmaceuticals, medical chemical and botanical products</i>	
	21001	<b>Pembuatan bahan aktif ubat-ubatan untuk digunakan oleh bidang farmakologi dalam pembuatan ubat-ubatan</b> <i>Manufacture of medicinal active substances to be used for their pharmacological properties in the manufacture of medicaments</i>	24230p
	21002	<b>Pemprosesan darah</b> <i>Processing of blood</i>	24230p
	21003	<b>Pembuatan ubat-ubatan</b> <i>Manufacture of medicaments</i>	24230p
	21004	<b>Pembuatan produk kimia bagi pencegah kehamilan</b> <i>Manufacture of chemical contraceptive products</i>	24230p
	21005	<b>Pembuatan penyediaan diagnosis perubatan</b> <i>Manufacture of medical diagnostic preparation</i>	24230p
	21006	<b>Pembuatan bahan diagnosis in-vivo radioaktif</b> <i>Manufacture of radioactive in-vivo diagnostic substances</i>	24230p
	21007	<b>Pembuatan farmaseutikal bioteknologi</b> <i>Manufacture of biotech pharmaceuticals</i>	24230p
	21009	<b>Pembuatan produk farmaseutikal, kimia perubatan dan botani t.t.t.l.</b> <i>Manufacture of other pharmaceuticals, medicinal chemical and botanical products n.e.c.</i>	24230p
<b>221</b>		<b>Pembuatan produk getah</b> <i>Manufacture of rubber products</i>	
	22111	<b>Pembuatan tayar getah untuk kenderaan</b> <i>Manufacture of rubber tyres for vehicles</i>	25111
	22112	<b>Pembuatan bunga tayar yang boleh ditukar ganti dan tayar celup</b> <i>Manufacture of interchangeable tyre treads and retreading rubber tyres</i>	25112

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<b>Kumpulan Group</b>	<b>Perkara Item</b>	<b>Keterangan Description</b>	<b>MSIC 2000 MSIC 2000</b>
	22191	<b>Pembuatan produk lain daripada getah asli atau sintetik, tidak divulkan, divulkan atau dikeraskan</b> <i>Manufacture of other products of natural or synthetic rubber, unvulcanized, vulcanized or hardened</i>	25199p
	22192	<b>Pembuatan sarung tangan getah</b> <i>Manufacture of rubber gloves</i>	19200p, 25193
	22193	<b>Pengilangan semula getah dan prosesan susu getah</b> <i>Rubber remilling and latex processing</i>	25191, 25192
	22199	<b>Pembuatan produk getah lain yang t.t.t.l.</b> <i>Manufacture of other rubber products n.e.c.</i>	25199p
<b>222</b>		<b>Pembuatan produk plastik</b> <i>Manufacture of plastic products</i>	
	22201	<b>Pembuatan produk plastik separa siap</b> <i>Manufacture of semi-manufactures of plastic products</i>	25202p, 25203p
	22202	<b>Pembuatan produk plastik siap</b> <i>Manufacture of finished plastic products</i>	25202p
	22203	<b>Pembuatan artikel plastik untuk pembungkusan barangan</b> <i>Manufacture of plastic articles for the packing of goods</i>	25201, 25203p, 25205p, 25209p
	22204	<b>Pembuatan barangan plastik jurubina</b> <i>Manufacture of builders' plastics ware</i>	25203p, 25204p, 25206p, 25209p
	22205	<b>Pembuatan pinggan mangkuk, peralatan dapur dan barangan tandas daripada plastik</b> <i>Manufacture of plastic tableware, kitchenware and toilet articles</i>	25206p
	22209	<b>Pembuatan pelbagai produk plastik t.t.t.l.</b> <i>Manufacture of diverse plastic products n.e.c.</i>	25209p
<b>231</b>		<b>Pembuatan kaca dan produk kaca</b> <i>Manufacture of glass and glass products</i>	
	23101	<b>Pembuatan kaca leper, termasuk kaca leper berdawai, berwarna atau sedikit berwarna</b> <i>Manufacture of flat glass, including wired, coloured or tinted flat glass</i>	26100p
	23102	<b>Pembuatan barangan kaca makmal, barangan kesihatan atau farmaseutikal</b> <i>Manufacture of laboratory, hygienic or pharmaceutical glassware</i>	26100p
	23109	<b>Pembuatan produk kaca lain t.t.t.l.</b> <i>Manufacture of other glass products n.e.c.</i>	26100p
<b>239</b>		<b>Pembuatan produk mineral bukan logam t.t.t.l</b> <i>Manufacture of non-metallic mineral products n.e.c</i>	

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<b>Kumpulan Group</b>	<b>Perkara Item</b>	<b>Keterangan Description</b>	<b>MSIC 2000 MSIC 2000</b>
	23911	<b>Pembuatan mortar refraktori dan konkrit</b> <i>Manufacture of refractory mortars and concretes</i>	26920p
	23912	<b>Pembuatan barangan seramik refraktori</b> <i>Manufacture of refractory ceramic goods</i>	26920p
	23921	<b>Pembuatan seramik bukan refraktori</b> <i>Manufacture of non-refractory ceramic</i>	26930p
	23929	<b>Pembuatan lain-lain bahan binaan dari tanah liat</b> <i>Manufacture of other clay building materials</i>	26910p, 26930p
	23930	<b>Pembuatan produk porselin dan seramik lain</b> <i>Manufacture of other porcelain and ceramic products</i>	26910p
	23941	<b>Pembuatan simen hidraulik</b> <i>Manufacture of hydraulic cement</i>	26941
	23942	<b>Pembuatan kapur dan plaster</b> <i>Manufacture of lime and plaster</i>	26942
	23951	<b>Pembuatan konkrit dan mortar siap bancuh dan bancuhan kering</b> <i>Manufacture of ready-mix and dry-mix concrete and mortars</i>	26951
	23952	<b>Pembuatan konkrit pratuangan, simen atau artikel batu buatan yang digunakan dalam pembinaan</b> <i>Manufacture of precast concrete, cement or artificial stone articles for use in construction</i>	26959p
	23953	<b>Pembuatan komponen struktur pasang siap untuk bangunan atau kejuruteraan awam dari simen, batu atau konkrit buatan</b> <i>Manufacture of prefabricated structural components for building or civil engineering of cement, concrete or artificial stone</i>	26959p
	23959	<b>Pembuatan artikel konkrit, simen dan plaster lain t.t.t.l.</b> <i>Manufacture of other articles of concrete, cement and plaster n.e.c.</i>	26959p
	23960	<b>Pemotongan, pembentukan dan penyiapan batu</b> <i>Cutting, shaping and finishing of stone</i>	26960
	23990	<b>Pembuatan produk mineral bukan logam lain t.t.t.l.</b> <i>Manufacture of other non-metallic mineral products n.e.c.</i>	26990
<b>241</b>		<b>Pembuatan besi asas dan keluli besi</b> <i>Manufacture of basic iron and steel</i>	
	24101	<b>Pengeluaran jongkong besi dan <i>spiegeleisen</i> dalam bentuk jongkong, blok atau dalam bentuk asal lain</b> <i>Production of pig iron and spiegeleisen in pigs, blocks or other primary forms</i>	27100p

# LAMPIRAN APPENDIX

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Kumpulan Group	Perkara Item	Keterangan Description	MSIC 2000 MSIC 2000
	24102	<b>Pembuatan batang dan rod keluli tahan karat atau keluli aloi lain</b> <i>Production of bars and rods of stainless steel or other alloy steel</i>	27100p
	24103	<b>Pembuatan tiub tidak berkelim, dengan pengegelekan, picitan atau tempaan panas, atau dengan tempaan atau pengegelekan sejuk</b> <i>Manufacture of seamless tubes, by hot rolling, hot extrusion or hot drawing or by cold drawing or cold rolling</i>	27100p
	24104	<b>Pembuatan kelengkapan tiub keluli</b> <i>Manufacture of steel tube fittings</i>	27100p
	24109	<b>Pembuatan produk besi asas dan keluli lain t.t.t.l.</b> <i>Manufacture of other basic iron and steel products n.e.c.</i>	27100p
<b>242</b>		<b>Pembuatan logam asas berharga dan logam bukan ferus lain</b> <i>Manufacture of basic precious and other non-ferrous metals</i>	
	24201	<b>Peleburan timah</b> <i>Tin smelting</i>	27201
	24202	<b>Pengeluaran aluminium daripada alumina</b> <i>Production of aluminium from alumina</i>	27209p
	24209	<b>Pembuatan logam asas berharga dan logam bukan ferus lain t.t.t.l.</b> <i>Manufacture of other basic precious and other non-ferrous metals n.e.c.</i>	27209p
<b>243</b>		<b>Pengacuan logam</b> <i>Casting of metals</i>	
	24311	<b>Pengacuan besi</b> <i>Casting of iron</i>	27310p
	24312	<b>Pengacuan keluli</b> <i>Casting of steel</i>	27310p
	24320	<b>Pengacuan logam bukan ferus</b> <i>Casting of non-ferrous metals</i>	27320
<b>251</b>		<b>Pembuatan produk struktur logam, tangki, takungan dan penjana wap</b> <i>Manufacture of structural metal products, tanks, reservoirs and steam generators</i>	
	25111	<b>Pembuatan kerangka kerja perindustrian daripada logam</b> <i>Manufacture of industrial frameworks in metal</i>	28110p
	25112	<b>Pembuatan bangunan pasang siap terutamanya daripada logam</b> <i>Manufacture of prefabricated buildings mainly of metal</i>	28110p
	25113	<b>Pembuatan pintu, tingkap dan bingkai, penutup tingkap dan pintu pagar daripada logam</b> <i>Manufacture of metal doors, windows and their frames, shutters and gates</i>	28110p

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<b>Kumpulan Group</b>	<b>Perkara Item</b>	<b>Keterangan Description</b>	<b>MSIC 2000 MSIC 2000</b>
	25119	<b>Pembuatan produk struktur logam lain</b> <i>Manufacture of other structural metal products</i>	28110p
	25120	<b>Pembuatan tangki, takungan dan kontena daripada logam</b> <i>Manufacture of tanks, reservoirs and containers of metal</i>	28120p
	25130	<b>Pembuatan penjana wap, kecuali dandang pemanasan air berpusat</b> <i>Manufacture of steam generators, except central heating hot water boilers</i>	28130p
<b>252</b>		<b>Pembuatan senjata dan peluru</b> <i>Manufacture of weapons and ammunition</i>	
	25200	<b>Pembuatan senjata dan peluru</b> <i>Manufacture of weapons and ammunition</i>	29270p
<b>259</b>		<b>Pembuatan produk lain yang direka daripada logam; aktiviti perkhidmatan kerja logam</b> <i>Manufacture of other fabricated metal products; metalworking service activities</i>	
	25910	<b>Tempaan, tekanan, hentakan dan bentuk gelekkan logam; serbuk metalurgi</b> <i>Forging, pressing, stamping and roll-forming of metal; powder metallurgy</i>	28910
	25920	<b>Rawatan dan penyalutan logam; menggunakan mesin</b> <i>Treatment and coating of metals; machining</i>	28920
	25930	<b>Pembuatan kutleri, alatan pertukangan tangan dan perkakasan am</b> <i>Manufacture of cutlery, hand tools and general hardware</i>	28930
	25991	<b>Pembuatan tin untuk produk makanan dan minuman, tiub dan kotak boleh dilipat</b> <i>Manufacture of tins and cans for food products, collapsible tubes and boxes</i>	28991
	25992	<b>Pembuatan kabel, plaited bands (jalur/pita berpintal) dan artikel seumpamanya daripada logam</b> <i>Manufacture of metal cable, plaited bands and similar articles</i>	28992p
	25993	<b>Pembuatan bolt, skru, nat dan produk uliran seumpamanya</b> <i>Manufacture of bolts, screws, nuts and similar threaded products</i>	28992p
	25994	<b>Pembuatan barangan rumah daripada logam</b> <i>Manufacture of metal household articles</i>	28993, 28999p
	25999	<b>Pembuatan produk lain yang direka daripada logam t.t.t.l.</b> <i>Manufacture of any other fabricated metal products n.e.c.</i>	28999p
<b>261</b>		<b>Pembuatan komponen dan papan elektronik</b> <i>Manufacture of electronic components and boards</i>	

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<b>Kumpulan Group</b>	<b>Perkara Item</b>	<b>Keterangan Description</b>	<b>MSIC 2000 MSIC 2000</b>
	26101	<b>Pembuatan diod, transistor dan alatan semikonduktor yang seumpamanya</b> <i>Manufacture of diodes, transistors and similar semiconductor devices</i>	32101p
	26102	<b>Pembuatan litar elektronik bersepadu dengan pemasangan mikro</b> <i>Manufacture of electronic integrated circuits micro assemblies</i>	32101p
	26103	<b>Pembuatan kapasitor dan perintang elektrik</b> <i>Manufacture of electrical capacitors and resistors</i>	32102p
	26104	<b>Pembuatan papan litar bercetak</b> <i>Manufacture of printed circuit boards</i>	32102p
	26105	<b>Pembuatan komponen paparan</b> <i>Manufacture of display components</i>	32102p
	26109	<b>Pembuatan komponen lain untuk aplikasi elektronik</b> <i>Manufacture of other components for electronic applications</i>	32109
<b>262</b>		<b>Pembuatan komputer dan kelengkapan peranti</b> <i>Manufacture of computers and peripheral equipment</i>	
	26201	<b>Pembuatan komputer</b> <i>Manufacture of computers</i>	30002p
	26202	<b>Pembuatan kelengkapan peranti</b> <i>Manufacture of peripheral equipment</i>	30002p
<b>263</b>		<b>Pembuatan peralatan komunikasi</b> <i>Manufacture of communication equipment</i>	
	26300	<b>Pembuatan peralatan komunikasi</b> <i>Manufacture of communication equipment</i>	32200
<b>264</b>		<b>Pembuatan elektronik pengguna</b> <i>Manufacture of consumer electronics</i>	
	26400	<b>Pembuatan elektronik pengguna</b> <i>Manufacture of consumer electronics</i>	32300
<b>265</b>		<b>Pembuatan kelengkapan mengukur, menguji, mengemudi (memandu arah) dan kawalan; jam tangan dan jam</b> <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	
	26511	<b>Pembuatan kelengkapan mengukur, menguji, memandu arah dan kawalan</b> <i>Manufacture of measuring, testing, navigating and control equipment</i>	33120p
	26512	<b>Pembuatan kelengkapan kawalan proses perindustrian</b> <i>Manufacture of industrial process control equipment</i>	33130p

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<b>Kumpulan</b> <i>Group</i>	<b>Perkara</b> <i>Item</i>	<b>Keterangan</b> <i>Description</i>	<b>MSIC 2000</b> <i>MSIC 2000</i>
	26520	<b>Pembuatan jam tangan dan jam dan bahagiannya</b> <i>Manufacture of watches and clocks and parts</i>	33300
<b>266</b>		<b>Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik</b> <i>Manufacture of irradiation, electro medical and electrotherapeutic equipment</i>	
	26600	<b>Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik</b> <i>Manufacture of irradiation, electro medical and electrotherapeutic equipment</i>	33110p
<b>267</b>		<b>Pembuatan peralatan optikal dan alatan fotografi</b> <i>Manufacture of optical instruments and photographic equipment</i>	
	26701	<b>Pembuatan instrumen dan kelengkapan optikal</b> <i>Manufacture of optical instruments and equipment</i>	33201p
	26702	<b>Pembuatan peralatan fotografi</b> <i>Manufacture of photographic equipment</i>	33202p
<b>268</b>		<b>Pembuatan media magnetik dan optikal</b> <i>Manufacture of magnetic and optical media</i>	
	26800	<b>Pembuatan media rakaman magnetik dan optikal</b> <i>Manufacture of magnetic and optical recording media</i>	30002p
<b>271</b>		<b>Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik</b> <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	
	27101	<b>Pembuatan motor elektrik, penjana dan transformer</b> <i>Manufacture of electric motors, generators and transformers</i>	31100p
	27102	<b>Pembuatan perkakasan pengagihan dan pengawalan elektrik</b> <i>Manufacture of electricity distribution and control apparatus</i>	31200p
<b>272</b>		<b>Pembuatan bateri dan akumulator</b> <i>Manufacture of batteries and accumulators</i>	
	27200	<b>Pembuatan bateri dan akumulator</b> <i>Manufacture of batteries and accumulators</i>	31400p
<b>273</b>		<b>Pembuatan pendawaian dan alatan pendawaian</b> <i>Manufacture of wiring and wiring devices</i>	
	27310	<b>Pembuatan kabel gentian optikal</b> <i>Manufacture of fibre optic cables</i>	31301p

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<b>Kumpulan Group</b>	<b>Perkara Item</b>	<b>Keterangan Description</b>	<b>MSIC 2000 MSIC 2000</b>
	27320	<b>Pembuatan wayar dan kabel elektronik dan elektrik lain</b> <i>Manufacture of other electronic and electric wires and cables</i>	31302p
	27330	<b>Pembuatan alatan pendawaian pembawa dan bukan pembawa arus untuk litar elektrik (tanpa mengira jenis bahan)</b> <i>Manufacture of current-carrying and non current-carrying wiring devices for electrical circuits regardless of material</i>	25209p, 31200p, 31309p, 31900p
<b>274</b>		<b>Pembuatan kelengkapan pencahayaan elektrik</b> <i>Manufacture of electric lighting equipment</i>	
	27400	<b>Pembuatan kelengkapan pencahayaan elektrik</b> <i>Manufacture of electric lighting equipment</i>	31500p, 31900p
<b>275</b>		<b>Pembuatan perkakasan domestik</b> <i>Manufacture of domestic appliances</i>	
	27500	<b>Pembuatan perkakasan domestik</b> <i>Manufacture of domestic appliances</i>	29300
<b>279</b>		<b>Pembuatan kelengkapan elektrik lain</b> <i>Manufacture of other electrical equipment</i>	
	27900	<b>Pembuatan pelbagai kelengkapan elektrik selain daripada motor, penjana dan transformer, bateri dan akumulator, wayar dan alatan pendawaian, kelengkapan pencahayaan atau perkakasan domestik</b> <i>Manufacture of miscellaneous electrical equipment other than motors, generators and transformers, batteries and accumulators, wires and wiring devices, lighting equipment or domestic appliances</i>	31900p
<b>281</b>		<b>Pembuatan jentera kegunaan umum</b> <i>Manufacture of general-purpose machinery</i>	
	28110	<b>Pembuatan enjin dan turbin, kecuali enjin pesawat, kenderaan dan sikal</b> <i>Manufacture of engines and turbines, except aircraft, vehicle and cycle engines</i>	29110p
	28120	<b>Pembuatan alat-alat kuasa bendalir</b> <i>Manufacture of fluid power equipment</i>	29120p
	28130	<b>Pembuatan pam, pemampat, kepala paip dan injap lain</b> <i>Manufacture of other pumps, compressors, taps and valves</i>	29120p
	28140	<b>Pembuatan penggalas, gear, elemen gear dan pemanduan</b> <i>Manufacture of bearings, gears, gearing and driving elements</i>	29130p
	28150	<b>Pembuatan ketuhar, relau dan relau pembakar</b> <i>Manufacture of ovens, furnaces and furnace burners</i>	29140p
	28160	<b>Pembuatan kelengkapan mengangkat dan mengendali</b> <i>Manufacture of lifting and handling equipment</i>	29150p

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<b>Kumpulan Group</b>	<b>Perkara Item</b>	<b>Keterangan Description</b>	<b>MSIC 2000 MSIC 2000</b>
	28170	<b>Pembuatan mesin dan kelengkapan pejabat (kecuali kelengkapan komputer dan peranti)</b> <i>Manufacture of office machinery and equipment (except computers and peripheral equipment)</i>	30001p
	28180	<b>Pembuatan alatan tangan yang menggunakan kuasa dilengkapi dengan motor elektrik atau bukan motor elektrik atau pneumatik</b> <i>Manufacture of power-driven hand tools with self-contained electric or non-electric motor or pneumatic drives</i>	29220p
	28191	<b>Pembuatan kelengkapan penyejukan atau pembekuan perindustrian</b> <i>Manufacture of refrigerating or freezing industrial equipment</i>	29191p
	28192	<b>Pembuatan mesin penyaman udara, termasuk untuk kenderaan bermotor</b> <i>Manufacture of air-conditioning machines, including for motor vehicles</i>	29191p
	28199	<b>Pengeluaran mesin tujuan umum lain t.t.t.l.</b> <i>Manufacture of other general-purpose machinery n.e.c.</i>	29199p
<b>282</b>		<b>Pembuatan mesin bagi tujuan khas</b> <i>Manufacture of special-purpose machinery</i>	
	28210	<b>Pembuatan mesin bagi pertanian dan perhutanan</b> <i>Manufacture of agricultural and forestry machinery</i>	29210p
	28220	<b>Pembuatan jentera pembentukan logam dan alatan mesin</b> <i>Manufacture of metal-forming machinery and machine tools</i>	29220p
	28230	<b>Pengeluaran bagi jentera untuk metalurgi</b> <i>Manufacture of machinery for metallurgy</i>	29230p
	28240	<b>Pembuatan mesin untuk perlombongan, pengkuarian dan pembinaan</b> <i>Manufacture of machinery for mining, quarrying and construction</i>	29240p
	28250	<b>Pembuatan mesin untuk makanan, minuman dan pemprosesan tembakau</b> <i>Manufacture of machinery for food, beverage and tobacco processing</i>	29250p
	28260	<b>Pembuatan mesin untuk tekstil, pakaian dan pengeluaran kulit</b> <i>Manufacture of machinery for textile, apparel and leather production</i>	29260p
	28290	<b>Pembuatan lain-lain mesin bertujuan khas t.t.t.l.</b> <i>Manufacture of other special-purpose machinery n.e.c.</i>	29290p
<b>291</b>		<b>Pembuatan kenderaan bermotor</b> <i>Manufacture of motor vehicles</i>	
	29101	<b>Pembuatan kereta penumpang</b> <i>Manufacture of passenger cars</i>	34100p

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<b>Kumpulan</b> <i>Group</i>	<b>Perkara</b> <i>Item</i>	<b>Keterangan</b> <i>Description</i>	<b>MSIC 2000</b> <i>MSIC 2000</i>
	29102	<b>Pembuatan kenderaan komersial</b> <i>Manufacture of commercial vehicles</i>	34100p
<b>292</b>		<b>Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler</b> <i>Manufacture of bodies(coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	
	29200	<b>Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler</b> <i>Manufacture of bodies(coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	34200
<b>293</b>		<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	
	29300	<b>Pembuatan alat ganti dan aksesori untuk kenderaan bermotor</b> <i>Manufacture of parts and accessories for motor vehicles</i>	34300, 36102p
<b>301</b>		<b>Pembinaan kapal dan bot</b> <i>Building of ships and boats</i>	
	30110	<b>Pembinaan kapal dan struktur terapung</b> <i>Building of ships and floating structures</i>	35110p
	30120	<b>Pembinaan bot persiaran dan sukan</b> <i>Building of pleasure and sporting boats</i>	35120p
<b>302</b>		<b>Pembuatan keretapi lokomotif dan rolling stock</b> <i>Manufacture of railway locomotives and rolling stock</i>	
	30200	<b>Pembuatan keretapi lokomotif dan rolling stock</b> <i>Manufacture of railway locomotives and rolling stock</i>	35200p
<b>303</b>		<b>Pembuatan pesawat dan kapal angkasa dan jentera berkaitan</b> <i>Manufacture of air and spacecraft and related machinery</i>	
	30300	<b>Pembuatan pesawat dan kapal angkasa dan jentera berkaitan</b> <i>Manufacture of air and spacecraft and related machinery</i>	35300p, 36102p
<b>304</b>		<b>Pembuatan kenderaan tempur ketenteraan</b> <i>Manufacture of military fighting vehicles</i>	
	30400	<b>Pembuatan kenderaan tempur ketenteraan</b> <i>Manufacture of military fighting vehicles</i>	29270p
<b>309</b>		<b>Pembuatan kelengkapan pengangkutan t.t.t.l.</b> <i>Manufacture of transport equipment n.e.c</i>	
	30910	<b>Pembuatan motosikal</b> <i>Manufacture of motorcycles</i>	35910

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<b>Kumpulan Group</b>	<b>Perkara Item</b>	<b>Keterangan Description</b>	<b>MSIC 2000 MSIC 2000</b>
	30920	<b>Pembuatan basikal dan <i>invalid carriages</i></b> <i>Manufacture of bicycles and invalid carriages</i>	35920
	30990	<b>Pembuatan kelengkapan pengangkutan lain t.t.t.l.</b> <i>Manufacture of other transport equipments n.e.c.</i>	35990
<b>310</b>		<b>Pembuatan perabot</b> <i>Manufacture of furniture</i>	
	31001	<b>Pembuatan perabot kayu dan rotan</b> <i>Manufacture of wooden and cane furniture</i>	36101
	31002	<b>Pembuatan perabot logam</b> <i>Manufacture of metal furniture</i>	36102p
	31003	<b>Pembuatan tilam</b> <i>Manufacture of mattress</i>	36109p
	31009	<b>Pembuatan perabot lain kecuali daripada batu, konkrit atau seramik</b> <i>Manufacture of other furniture, except of stone, concrete or ceramic</i>	36109p
<b>321</b>		<b>Pembuatan barang kemas, <i>bijouterie</i> dan artikel berkaitan</b> <i>Manufacture of jewellery, bijouterie and related articles</i>	
	32110	<b>Pembuatan barang kemas dan artikel berkaitan</b> <i>Manufacture of jewellery and related articles</i>	36910
	32120	<b>Pembuatan barang kemas tiruan dan artikel berkaitan</b> <i>Manufacture of imitation jewellery and related articles</i>	36999p
<b>322</b>		<b>Pembuatan instrumen muzik</b> <i>Manufacture of musical instruments</i>	
	32200	<b>Pembuatan instrumen muzik</b> <i>Manufacture of musical instruments</i>	36920p
<b>323</b>		<b>Pembuatan barangan sukan</b> <i>Manufacture of sports goods</i>	
	32300	<b>Pembuatan barangan sukan</b> <i>Manufacture of sports goods</i>	36930p
<b>324</b>		<b>Pembuatan permainan dan mainan</b> <i>Manufacture of games and toys</i>	
	32400	<b>Pembuatan permainan dan mainan</b> <i>Manufacture of games and toys</i>	36940p
<b>325</b>		<b>Pembuatan peralatan dan bekalan perubatan dan pergigian</b> <i>Manufacture of medical and dental instrument and supplies</i>	

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<b>Kumpulan Group</b>	<b>Perkara Item</b>	<b>Keterangan Description</b>	<b>MSIC 2000 MSIC 2000</b>
	32500	<b>Pembuatan peralatan dan bekalan perubatan dan pergigian</b> <i>Manufacture of medical and dental instrument and supplies</i>	25199p, 33110p
<b>329</b>		<b>Pembuatan lain t.t.t.l</b> <i>Other manufacturing n.e.c.</i>	
	32901	<b>Pembuatan alat tulis</b> <i>Manufacture of stationery</i>	36992
	32909	<b>Pembuatan lain t.t.t.l</b> <i>Other manufacturing n.e.c.</i>	36991, 36993, 36999p
<b>331</b>		<b>Pembaikan produk logam yang direka, jentera dan kelengkapan</b> <i>Repair of fabricated metal products, machinery and equipment</i>	
	33110	<b>Pembaikan produk logam yang direka</b> <i>Repair of fabricated metal products</i>	28110p, 28120p, 28130p
	33120	<b>Pembaikan dan penyelenggaraan jentera dan kelengkapan industri</b> <i>Repair and maintenance of industrial machinery and equipment</i>	29110p, 29120p, 29130p, 29140p, 29150p, 29191p, 29199p, 29210p, 29220p, 29230p, 29240p, 29250p, 29260p, 29290p, 30001p,
	33131	<b>Pembaikan dan penyelenggaraan peralatan menyukat, menguji, memandu arah dan kelengkapan kawalan</b> <i>Repair and maintenance of the measuring, testing, navigating and control equipment</i>	33120p
	33132	<b>Pembaikan dan penyelenggaraan penyinaran, perubatan elektro dan kelengkapan electrotherapeutic</b> <i>Repair and maintenance of irradiation, electro medical and electrotherapeutic equipment</i>	33110p
	33133	<b>Pembaikan bagi peralatan optikal dan alatan fotografi</b> <i>Repair of optical instruments and photographic equipment</i>	33201p, 33202p
	33140	<b>Pembaikan dan penyelenggaraan peralatan elektrik kecuali penggunaan domestik</b> <i>Repair and maintenance of electrical equipment except domestic appliances</i>	31100p, 31200p, 31301p, 31302p, 31309p, 31400p, 31500p, 31900p
	33150	<b>Pembaikan dan penyelenggaraan kelengkapan pengangkutan kecuali motosikal dan basikal</b> <i>Repair and maintenance of transport equipment except motorcycles and bicycles</i>	35110p, 35120p, 35200p, 35300p

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<b>Kumpulan Group</b>	<b>Perkara Item</b>	<b>Keterangan Description</b>	<b>MSIC 2000 MSIC 2000</b>
	33190	<b>Pembaikan dan penyelenggaraan peralatan lain t.t.t.l.</b> <i>Repair and maintenance of other equipment n.e.c.</i>	17230p, 20230p, 36920p, 36930p, 36940p
<b>332</b>		<b>Pemasangan bagi perindustrian mesin dan kelengkapan</b> <i>Installation of industrial machinery and equipment</i>	
	33200	<b>Pemasangan bagi perindustrian mesin dan kelengkapan</b> <i>Installation of industrial machinery and equipment</i>	29110p, 29120p, 29130p, 29140p, 29150p, 29191p, 29199p, 29210p, 29220p, 29230p, 29240p, 29250p, 29260p, 29290p, 30001p, 33130p

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