

PEMBUATAN
MANUFACTURING
13.1 PERANGKAAAN UTAMA INDUSTRI PEMBUATAN
PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES

Wilayah Region	Tahun Year	Bilangan pertubuhan No. of establishments	Nilai output kasar (RM juta)	Nilai input perantara (RM juta)	Nilai ditambah (RM juta)	Bilangan pekerja pada akhir tahun Number of persons engaged as at end of year		Gaji dan upah yang dibayar dalam tahun (RM juta)	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta)
			Value of gross output (RM million)	Value of intermediate input (RM million)	Value added (RM million)	Jumlah Total	Pekerja bergaji Paid employees		
Malaysia	2006	32,046	710,238	580,370	129,868	1,721,433	1,697,154	34,910	193,383
	2007	32,584	742,922	600,793	142,129	1,800,353	1,778,595	38,379	182,632
	2008	32,535	817,710	660,539	157,170	1,771,331	1,748,222	40,298	201,509
	2009	30,607	730,043	591,562	138,481	1,693,154	1,672,380	39,397	195,870
	2010	39,669	836,494	665,821	170,673	1,812,360	1,781,976	43,745	210,406
Semenanjung Malaysia Peninsular Malaysia	2006	28,809	636,916	528,669	108,247	1,563,082	1,541,602	32,829	167,666
	2007	29,529	657,855	541,922	115,934	1,648,957	1,629,925	36,233	157,320
	2008	29,360	709,709	584,825	124,883	1,623,889	1,603,506	38,076	174,742
	2009	27,554	639,822	526,951	112,871	1,555,038	1,536,847	37,201	172,996
	2010	36,053	726,487	590,374	136,113	1,658,977	1,631,621	41,170	186,547
Sabah ^(a)	2006	1,446	26,705	22,579	4,126	65,583	64,384	764	6,147
	2007	1,318	30,013	25,729	4,284	63,569	62,497	789	6,695
	2008	1,443	38,346	33,848	4,498	64,992	63,872	866	8,452
	2009	1,374	31,515	27,339	4,176	61,449	60,395	856	6,110
	2010	1,556	36,467	30,976	5,492	63,024	61,783	920	6,227
Sarawak	2006	1,791	46,616	29,122	17,495	92,768	91,168	1,316	19,570
	2007	1,737	55,053	33,142	21,911	87,827	86,173	1,358	18,617
	2008	1,732	69,655	41,866	27,789	82,450	80,844	1,356	18,316
	2009	1,679	58,706	37,272	21,434	76,667	75,139	1,341	16,764
	2010	2,060	73,540	44,471	29,068	90,359	88,572	1,655	17,633

(a) Data termasuk W.P. Labuan.
Data include W.P. Labuan.

Nota / Note :

1. Maklumat untuk tahun 2010 berdasarkan keputusan banci.
Information for year 2010 is based on census result.
2. Tiada penyiasatan dijalankan untuk tahun rujukan 2011.
No survey was conducted for reference year 2011.



13.2 PERANGKAAAN UTAMA INDUSTRI PEMBUATAN MENGIKUT BAHAGIAN, 2010
PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES BY DIVISION, 2010

Bahagian <i>Division</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	Nilai input perantara (RM juta) <i>Value of intermediate input (RM million)</i>	Nilai ditambah (RM juta) <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>No. of persons engaged as at end of year</i>	Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>
Jumlah <i>Total</i>	39,669	836,494	665,821	170,673	1,812,360	43,745	210,406
Pembuatan produk makanan <i>Manufacture of food products</i>	5,930	146,644	128,773	17,871	196,084	4,012	21,235
Pembuatan minuman <i>Manufacture of beverages</i>	298	6,452	4,891	1,562	12,032	351	1,698
Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	63	2,162	1,174	988	2,543	114	666
Pembuatan tekstil <i>Manufacture of textiles</i>	980	6,656	5,072	1,584	30,886	548	3,571
Pembuatan pakaian <i>Manufacture of wearing apparel</i>	9,121	4,736	3,302	1,434	64,652	802	1,065
Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	382	988	686	302	8,610	148	230
Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman <i>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	1,559	18,869	14,223	4,646	112,613	1,718	7,953
Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	890	11,239	8,462	2,777	54,163	1,138	6,501



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13.2 PERANGKAAAN UTAMA INDUSTRI PEMBUATAN MENGIKUT BAHAGIAN, 2010 (SAMB.)
PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES BY DIVISION (CONT'D.)

Bahagian <i>Division</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	Nilai input perantaraan (RM juta) <i>Value of intermediate input (RM million)</i>	Nilai ditambah (RM juta) <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>No. of persons engaged as at end of year</i>	Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>
Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	2,961	7,259	4,681	2,578	56,116	1,202	3,272
Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	77	113,003	83,114	29,889	7,659	427	19,568
Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	1,067	73,209	54,377	18,832	77,180	2,954	32,706
Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	207	2,720	1,835	885	10,359	248	1,263
Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics products</i>	2,010	55,167	43,625	11,542	201,177	4,368	15,020
Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metallic mineral product</i>	1,459	25,171	18,210	6,960	77,391	2,177	17,950
Pembuatan logam asas <i>Manufacture of basic metals</i>	1,169	46,112	38,842	7,270	70,192	2,559	12,056
Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	4,079	24,745	18,754	5,991	109,550	2,462	7,145



13.2 PERANGKAAAN UTAMA INDUSTRI PEMBUATAN MENGIKUT BAHAGIAN, 2010 (SAMB.)
PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES BY DIVISION (CONT'D.)

Bahagian <i>Division</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	Nilai input perantaraan (RM juta) <i>Value of intermediate input (RM million)</i>	Nilai ditambah (RM juta) <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>No. of persons engaged as at end of year</i>	Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>
Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronics and optical products</i>	687	180,738	148,148	32,591	347,658	9,728	34,817
Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	700	21,896	18,044	3,852	71,530	1,742	3,751
Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	1,282	20,271	15,342	4,929	71,480	1,976	4,622
Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	511	34,341	27,820	6,521	73,858	1,928	6,338
Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	369	15,601	12,761	2,839	35,498	988	4,299
Pembuatan perabot <i>Manufacture of furniture</i>	1,932	10,292	7,410	2,882	80,064	1,341	3,170
Pembuatan lain <i>Other manufacturing</i>	1,019	5,674	4,376	1,298	27,427	515	1,009
Membaiki dan pemasangan jentera dan kelengkapan <i>Repair and installation of machinery and equipment</i>	917	2,549	1,900	649	13,638	300	501

Nota / Note : Tiada banci dijalankan untuk tahun 2011
No census was conducted for year 2011



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13.3 PERANGKAAAN UTAMA INDUSTRI PEMBUATAN MENGIKUT KUMPULAN, 2010
PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES BY GROUP, 2010

Kumpulan <i>Group</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	Nilai input perantaraan (RM juta) <i>Value of intermediate input (RM million)</i>	Nilai ditambah (RM juta) <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>Number of persons engaged as at end of year</i>		Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>
					Jumlah <i>Total</i>	Pekerja bergaji <i>Paid employees</i>		
Jumlah <i>Total</i>	39,669	836,494	665,821	170,673	1,812,360	1,781,976	43,745	210,386
Pemprosesan dan pengawetan daging <i>Processing and preserving of meat</i>	114	2,665	2,292	373	8,286	8,206	186	528
Pemprosesan dan pengawetan ikan, krustasea dan moluska <i>Processing and preserving of fish, crustaceans and molluscs</i>	516	2,824	2,250	573	15,949	15,318	223	663
Pemprosesan dan pengawetan buah-buahan dan sayur-sayuran <i>Processing and preserving of fruit and vegetables</i>	242	707	573	135	4,251	4,016	68	163
Pembuatan minyak dan lemak sayuran dan haiwan <i>Manufacture of vegetable and animal oils and fats</i>	497	103,516	93,867	9,649	52,649	52,582	1,117	10,230
Pembuatan produk tenusu <i>Manufacture of dairy products</i>	91	6,317	5,305	1,012	13,472	13,432	423	1,477
Pembuatan produk bijian, kanji dan produk berkanji <i>Manufacture of grain mill products, starches and starch products</i>	282	4,380	3,680	700	12,573	12,437	236	1,268



13.3 PERANGKAAAN UTAMA INDUSTRI PEMBUATAN MENGIKUT KUMPULAN, 2010 (SAMB.)
PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES BY GROUP, 2010 (CONT'D.)

Kumpulan <i>Group</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	Nilai input perantaraan (RM juta) <i>Value of intermediate input (RM million)</i>	Nilai ditambah (RM juta) <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>Number of persons engaged as at end of year</i>		Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>
					Jumlah <i>Total</i>	Pekerja bergaji <i>Paid employees</i>		
Pembuatan produk makanan lain <i>Manufacture of other food products</i>	4,099	21,470	16,664	4,806	83,236	78,626	1,513	6,405
Pembuatan makanan haiwan tersedia <i>Manufacture of prepared animal feeds</i>	89	4,765	4,142	623	5,668	5,662	245	501
Pembuatan minuman <i>Manufacture of beverages</i>	298	6,452	4,891	1,562	12,032	11,857	351	1,698
Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	63	2,162	1,174	988	2,543	2,459	114	666
Pemintalan, penenunan dan penyiapan tekstil <i>Spinning, weaving and finishing of textiles</i>	351	4,739	3,656	1,083	16,982	16,640	306	2,611
Pembuatan tekstil lain <i>Manufacture of other textiles</i>	629	1,918	1,416	501	13,904	13,342	242	959
Pembuatan pakaian, kecuali pakaian berbulu <i>Manufacture of wearing apparel, except fur apparel</i>	9,067	4,634	3,230	1,404	63,550	53,458	786	1,037
Pembuatan artikel bulu <i>Manufacture of articles of fur</i>	20	20	10	10	220	206	3	7
Pembuatan pakaian yang dikait dan dikrusye <i>Manufacture of knitted and crocheted apparel</i>	34	82	62	20	882	848	13	20



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13.3 PERANGKAAAN UTAMA INDUSTRI PEMBUATAN MENGIKUT KUMPULAN, 2010 (SAMB.)
PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES BY GROUP, 2010 (CONT'D.)

Kumpulan <i>Group</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	Nilai input perantara (RM juta) <i>Value of intermediate input (RM million)</i>	Nilai ditambah (RM juta) <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>Number of persons engaged as at end of year</i>		Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>
					Jumlah <i>Total</i>	Pekerja bergaji <i>Paid employees</i>		
Penyamakan dan pembersihan kulit; pembuatan begasi, beg tangan, pelana dan abah-abah; pembersihan dan pewarnaan bulu <i>Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur</i>	74	216	152	63	1,992	1,937	31	57
Pembuatan kasut <i>Manufacture of footwear</i>	308	772	533	239	6,618	6,333	117	173
Pengilangan dan pengetaman kayu <i>Sawmilling and planing of wood</i>	569	5,238	4,168	1,070	32,312	32,139	523	1,578
Pembuatan produk daripada kayu, gabus, jerami dan bahan jalinan lain <i>Manufacture of products of wood, cork, straw and plaiting materials</i>	990	13,631	10,055	3,576	80,301	79,601	1,195	6,375
Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	890	11,239	8,462	2,777	54,163	53,761	1,138	6,501
Percetakan dan aktiviti perkhidmatan berkaitan percetakan <i>Printing and service activities related to printing</i>	2,956	7,238	4,664	2,574	56,065	54,069	1,201	3,263



13.3 PERANGKAAAN UTAMA INDUSTRI PEMBUATAN MENGIKUT KUMPULAN, 2010 (SAMB.)
PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES BY GROUP, 2010 (CONT'D.)

Kumpulan <i>Group</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	Nilai input perantaraan (RM juta) <i>Value of intermediate input (RM million)</i>	Nilai ditambah (RM juta) <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>Number of persons engaged as at end of year</i>		Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>
					Jumlah <i>Total</i>	Pekerja bergaji <i>Paid employees</i>		
Penerbitan semula media rakaman <i>Reproduction of recorded media</i>	5	21	17	4	51	51	1	9
Pembuatan produk petroleum bertapis <i>Manufacture of refined petroleum products</i>	77	113,003	83,114	29,889	7,659	7,659	427	19,568
Pembuatan kimia asas, baja dan sebatian nitrogen, plastik dan getah sintetik dalam bentuk primer <i>Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastic and synthetic rubber in primary forms</i>	437	56,560	41,080	15,480	40,264	40,165	1,888	28,395
Pembuatan produk kimia lain <i>Manufacture of other chemical products</i>	624	16,322	12,995	3,328	36,696	36,507	1,058	4,278
Pembuatan serat buatan manusia <i>Manufacture of man-made fibres</i>	6	326	302	24	220	219	8	33
Pembuatan produk farmaseutikal, kimia perubatan dan botani <i>Manufacture of pharmaceuticals, medicinal chemical and botanical products</i>	207	2,720	1,835	885	10,359	10,275	248	1,263
Pembuatan produk getah <i>Manufacture of rubber products</i>	554	32,140	26,451	5,689	85,973	85,862	1,823	6,364



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PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES BY GROUP, 2010 (CONT'D.)

Kumpulan <i>Group</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	Nilai input perantaraan (RM juta) <i>Value of intermediate input (RM million)</i>	Nilai ditambah (RM juta) <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>Number of persons engaged as at end of year</i>		Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>
					Jumlah <i>Total</i>	Pekerja bergaji <i>Paid employees</i>		
Pembuatan produk plastik <i>Manufacture of plastics products</i>	1,456	23,027	17,174	5,853	115,204	114,870	2,544	8,657
Pembuatan kaca dan produk kaca <i>Manufacture of glass and glass products</i>	318	5,265	3,601	1,664	15,151	14,887	594	7,907
Pembuatan produk mineral bukan logam t.t.t.l. <i>Manufacture of non-metallic mineral products n.e.c.</i>	1,141	19,905	14,609	5,296	62,240	61,678	1,583	10,044
Pembuatan besi dan keluli asas <i>Manufacture of basic iron and steel</i>	629	28,599	24,045	4,554	37,071	36,708	1,756	8,608
Pembuatan logam asas berharga dan logam bukan ferus lain <i>Manufacture of basic precious and other non-ferrous metals</i>	325	16,023	13,745	2,278	23,983	23,851	593	2,951
Penuangan logam <i>Casting of metals</i>	215	1,490	1,051	439	9,138	9,028	210	496
Pembuatan produk struktur logam, tangki, takungan dan penjana wap; Pembuatan senjata dan peluru <i>Manufacture of structural metal products, tanks, reservoirs and steam generators; Manufacture of weapons and ammunition</i>	2,474	6,097	4,444	1,653	35,209	32,755	691	1,960



13.3 PERANGKAAAN UTAMA INDUSTRI PEMBUATAN MENGIKUT KUMPULAN, 2010 (SAMB.)
PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES BY GROUP, 2010 (CONT'D.)

Kumpulan <i>Group</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	Nilai input perantaraan (RM juta) <i>Value of intermediate input (RM million)</i>	Nilai ditambah (RM juta) <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>Number of persons engaged as at end of year</i>		Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>
					Jumlah <i>Total</i>	Pekerja bergaji <i>Paid employees</i>		
Pembuatan lain-lain produk yang direka daripada logam; aktiviti perkhidmatan kerja logam <i>Manufacture of other fabricated metal products; metal working service activities</i>	1,605	18,648	14,310	4,338	74,341	73,435	1,770	5,185
Pembuatan komponen dan papan elektronik <i>Manufacture of electronic components and boards</i>	366	90,910	72,906	18,003	182,510	182,487	5,755	22,320
Pembuatan komputer dan kelengkapan peranti <i>Manufacture of computers and peripheral equipment</i>	85	30,114	24,547	5,567	64,054	64,048	1,316	6,641
Pembuatan peralatan komunikasi <i>Manufacture of communication equipment</i>	55	11,421	9,444	1,977	27,272	27,265	701	739
Pembuatan elektronik pengguna <i>Manufacture of consumer electronics</i>	90	40,260	34,969	5,290	40,197	40,194	1,172	2,688



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PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES BY GROUP, 2010 (CONT'D.)

Kumpulan <i>Group</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	Nilai input perantara (RM juta) <i>Value of intermediate input (RM million)</i>	Nilai ditambah (RM juta) <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>Number of persons engaged as at end of year</i>		Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>
					Jumlah <i>Total</i>	Pekerja bergaji <i>Paid employees</i>		
Pembuatan kelengkapan mengukur, menguji, mengemudi (memandu arah) dan kawalan; jam tangan dan jam <i>Manufacture of measuring, testing, navigating and control equipment; watches and clocks</i>	58	2,506	1,948	558	9,952	9,945	252	931
Pembuatan peralatan penyinaran, perubatan elektro dan elektroterapeutik <i>Manufacture of irradiation, electro medical and electrotherapeutic equipment</i>	18	1,517	921	596	9,205	9,200	249	763
Pembuatan peralatan optikal dan alatan fotografi <i>Manufacture of optical instruments and photographic equipment</i>	10	2,966	2,514	452	13,398	13,396	235	502
Pembuatan media magnetik dan optikal <i>Manufacture of magnetic and optical media</i>	5	1,045	898	148	1,070	1,070	47	233



13.3 PERANGKAAAN UTAMA INDUSTRI PEMBUATAN MENGIKUT KUMPULAN, 2010 (SAMB.)
PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES BY GROUP, 2010 (CONT'D.)

Kumpulan <i>Group</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	Nilai input perantara (RM juta) <i>Value of intermediate input (RM million)</i>	Nilai ditambah (RM juta) <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>Number of persons engaged as at end of year</i>		Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>
					Jumlah <i>Total</i>	Pekerja bergaji <i>Paid employees</i>		
Pembuatan motor elektrik, penjana, transformer dan perkakasan pengagihan dan pengawalan elektrik <i>Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus</i>	246	6,863	5,430	1,433	32,424	32,364	782	1,009
Pembuatan bateri dan akumulator <i>Manufacture of batteries and accumulators</i>	21	684	501	183	2,457	2,453	57	310
Pembuatan pendawaian dan alatan pendawaian <i>Manufacture of wiring and wiring devices</i>	137	8,681	7,567	1,114	16,412	16,390	385	1,379
Pembuatan kelengkapan pencahayaan elektrik <i>Manufacture of electric lighting equipment</i>	52	816	572	244	4,429	4,423	98	240
Pembuatan perkakasan domestik <i>Manufacture of domestic appliances</i>	93	4,025	3,398	627	9,809	9,794	301	661
Pembuatan kelengkapan elektrik lain <i>Manufacture of other electrical equipment</i>	151	828	577	251	5,999	5,979	120	152



13.3 PERANGKAAAN UTAMA INDUSTRI PEMBUATAN MENGIKUT KUMPULAN, 2010 (SAMB.)
PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES BY GROUP, 2010 (CONT'D.)

Kumpulan <i>Group</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	Nilai input perantara (RM juta) <i>Value of intermediate input (RM million)</i>	Nilai ditambah (RM juta) <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>Number of persons engaged as at end of year</i>		Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>
					Jumlah <i>Total</i>	Pekerja bergaji <i>Paid employees</i>		
Pembuatan jentera kegunaan umum <i>Manufacture of general purpose machinery</i>	614	13,814	10,750	3,065	40,855	40,597	1,255	2,762
Pembuatan mesin bagi tujuan khas <i>Manufacture of special purpose machinery</i>	668	6,457	4,593	1,864	30,625	30,297	721	1,860
Pembuatan kenderaan bermotor <i>Manufacture of motor vehicles</i>	37	22,506	19,003	3,503	27,455	27,442	878	3,793
Pembuatan kerangka (coachwork) untuk kenderaan bermotor; pembuatan treler dan semi treler <i>Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers</i>	99	980	726	254	4,518	4,460	114	279
Pembuatan alat ganti dan aksesori untuk kenderaan bermotor <i>Manufacture of parts and accessories for motor vehicles</i>	375	10,855	8,090	2,764	41,885	41,750	936	2,266
Pembinaan kapal dan bot <i>Building of ships and boats</i>	264	8,369	7,057	1,312	18,116	17,958	516	2,884



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13.3 PERANGKAAAN UTAMA INDUSTRI PEMBUATAN MENGIKUT KUMPULAN, 2010 (SAMB.)
PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES BY GROUP, 2010 (CONT'D.)

Kumpulan <i>Group</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	Nilai input perantara (RM juta) <i>Value of intermediate input (RM million)</i>	Nilai ditambah (RM juta) <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>Number of persons engaged as at end of year</i>		Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>
					Jumlah <i>Total</i>	Pekerja bergaji <i>Paid employees</i>		
Pembuatan keretapi rolling stock; Pembuatan pesawat dan kapal angkasa dan jentera berkaitan <i>Manufacture of railway locomotives and rolling stock; Manufacture of air and spacecraft and related machinery</i>	15	1,853	1,386	467	4,522	4,522	156	647
Pembuatan kenderaan tempur ketenteraan; Pembuatan kelengkapan pengangkutan t.t.t.l. <i>Manufacture of military fighting vehicles; Manufacture of transport equipment n.e.c.</i>	90	5,379	4,319	1,060	12,860	12,850	317	768
Pembuatan perabot <i>Manufacture of furniture</i>	1,932	10,292	7,410	2,882	80,064	78,678	1,341	3,170
Pembuatan barang kemas, bijouterie dan artikel berkaitan <i>Manufacture of jewellery, bijouterie and related articles</i>	232	2,508	2,297	211	3,498	3,267	75	158
Pembuatan instrumen muzik <i>Manufacture of musical instruments</i>	6	3	2	1	29	21	0.4	2



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13.3 PERANGKAAAN UTAMA INDUSTRI PEMBUATAN MENGIKUT KUMPULAN, 2010 (SAMB.)
PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES BY GROUP, 2010 (CONT'D.)

Kumpulan <i>Group</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	Nilai input perantara (RM juta) <i>Value of intermediate input (RM million)</i>	Nilai ditambah (RM juta) <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>Number of persons engaged as at end of year</i>		Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>
					Jumlah <i>Total</i>	Pekerja bergaji <i>Paid employees</i>		
Pembuatan barangan sukan <i>Manufacture of sports goods</i>	26	237	181	57	1,536	1,528	39	89
Pembuatan permainan dan mainan <i>Manufacture of games and toys</i>	22	340	209	131	4,715	4,712	78	81
Pembuatan peralatan dan bekalan perubatan dan pergigian <i>Manufacture of medical and dental instruments and supplies</i>	159	438	263	175	3,969	3,810	80	132
Pembuatan lain t.t.t.l. <i>Other manufacturing n.e.c.</i>	574	2,148	1,425	723	13,680	13,246	242	546
Pembaikan produk logam yang direka, jentera dan kelengkapan <i>Repair of fabricated metal products, machinery and equipment</i>	894	2,428	1,800	628	13,144	12,467	288	491
Pemasangan bagi perindustrian mesin dan kelengkapan <i>Installation of industrial machinery and equipment</i>	23	121	100	21	494	484	12	10

Nota / Note : Tiada penyiasatan dijalankan untuk tahun rujukan 2011.
No survey was conducted for reference year 2011.



13.4 PENGELUARAN PRODUK PEMBUATAN TERPILIH
PRODUCTION OF SELECTED MANUFACTURING PRODUCTS

Produk <i>Products</i>	Unit kuantiti <i>Unit of quantity</i>	Pengeluaran <i>Production</i>				
		2008	2009	2010	2011	2012
Susu pekat manis <i>Sweetened condensed milk</i>	Tan metrik <i>Tonne</i>	173,234	233,865	233,700	203,346	275,432
Minuman susu <i>Milk drinks</i>	'000 Liter <i>'000 Litre</i>	136,770	124,364	127,157	141,244	169,025
Nanas tin <i>Canned pineapple</i>	Tan metrik <i>Tonne</i>	14,713	12,739	10,440	13,368	9,985
Ikan tin <i>Canned fish</i>	Tan metrik <i>Tonne</i>	24,928	24,774	18,330	18,170	19,211
Udang/geragau/udang sejuk beku <i>Frozen shrimps/prawns</i>	Tan metrik <i>Tonne</i>	20,877	22,945	23,494	20,748	24,532
Minyak kelapa mentah <i>Crude coconut oil</i>	Tan metrik <i>Tonne</i>	12,853	18,835	14,911	11,134	14,805
Marjerin <i>Margarine</i>	Tan metrik <i>Tonne</i>	29,914	32,700	35,424	47,041	41,578
Minyak masak campuran <i>Blended cooking oil</i>	Tan metrik <i>Tonne</i>	95,235	77,083	473,921	480,876	466,860
Beras <i>Whole rice</i>	Tan metrik <i>Tonne</i>	470,761	734,029	732,168	727,885	768,654
Beras hancur <i>Broken rice</i>	Tan metrik <i>Tonne</i>	43,736	52,478	65,375	88,450	82,921
Tepung gandum <i>Wheat flour</i>	Tan metrik <i>Tonne</i>	918,471	889,076	960,397	998,402	976,208
Biskut <i>Biscuit</i>	Tan metrik <i>Tonne</i>	141,495	138,597	154,835	168,481	156,695
Gula bertapis <i>Refined sugar</i>	Tan metrik <i>Tonne</i>	1,518,968	1,488,767	1,661,701	1,688,565	1,594,734
Makanan ayam itik campuran <i>Mixed poultry feeds</i>	Tan metrik <i>Tonne</i>	2,252,670	2,298,960	2,212,666	2,342,561	2,457,426
Minuman manis berkarbonat <i>Carbonated sweet beverage</i>	'000 Liter <i>'000 Litre</i>	373,208	391,707	447,229	424,794	306,937



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13.4 PENGELUARAN PRODUK PEMBUATAN TERPILIH (SAMB.)
PRODUCTION OF SELECTED MANUFACTURING PRODUCTS (CONT'D.)

Produk <i>Products</i>	Unit kuantiti <i>Unit of quantity</i>	Pengeluaran <i>Production</i>				
		2008	2009	2010	2011	2012
Minuman manis tidak berkarbonat <i>Non-carbonated sweet beverage</i>	'000 Liter <i>000 Litre</i>	1,696,241	1,275,300	2,533,453	2,932,466	3,502,538
Rokok <i>Cigarettes</i>	Tan metrik <i>Tonne</i>	23,004	20,892	20,935	23,604	26,099
Benang kapas (asli dan campuran) <i>Cotton yarn (pure and mixed)</i>	Tan metrik <i>Tonne</i>	69,340	53,794	49,917	53,766	52,094
Kain kapas <i>Cotton cloth</i>	'000 Meter <i>000 Metre</i>	200,692	166,276	172,721	276,709	392,773
Seluar panjang lelaki <i>Trousers - male's</i>	'000 Bil. <i>'000 No.</i>	16,106	16,111	18,413	21,674	17,914
Kemeja lelaki <i>Shirts - male's</i>	'000 Bil. <i>'000 No.</i>	26,972	22,623	25,889	25,939	27,002
Blaus <i>Blouses</i>	'000 Bil. <i>'000 No.</i>	24,448	18,350	13,143	10,977	10,268
Pakaian perempuan <i>Dresses</i>	'000 Bil. <i>'000 No.</i>	4,640	5,684	3,740	5,707	3,895
Kepingan venir <i>Veneer sheets</i>	Meter padu <i>Cubic Metre</i>	948,062	753,518	1,016,637	912,376	871,589
Papan cantum <i>Blockboard</i>	Meter padu <i>Cubic Metre</i>	53,688	46,889	60,629	39,384	44,141
Papan lapis <i>Plywood</i>	Meter padu <i>Cubic Metre</i>	4,557,780	3,655,206	4,094,574	3,796,975	3,658,274
Ukiran kayu <i>Timber mouldings</i>	Meter padu <i>Cubic Metre</i>	148,121	107,791	104,456	90,401	84,653
Kayu balak siap <i>Dressed timber</i>	Meter padu <i>Cubic Metre</i>	39,839	18,766	24,164	34,894	32,215
Racun herba (cecair) <i>Herbicides (liquid)</i>	'000 Liter <i>'000 Litre</i>	55,343	42,715	63,400	72,410	92,064
Racun herba (bukan cecair) <i>Herbicides (non-liquid)</i>	Tan metrik <i>Tonne</i>	2,464	7,733	9,167	13,184	11,597
Baja (Termasuk urea) <i>Fertiliser (Includes urea)</i>	Tan metrik <i>Tonne</i>	2,276,957	2,007,298	2,218,514	2,477,242	2,509,814
Cat emulsi <i>Emulsion paints</i>	'000 Liter <i>'000 Litre</i>	74,824	71,149	69,502	86,291	92,996



13.4 PENGELUARAN PRODUK PEMBUATAN TERPILIH (SAMB.)
PRODUCTION OF SELECTED MANUFACTURING PRODUCTS (CONT'D.)

Produk <i>Products</i>	Unit kuantiti <i>Unit of quantity</i>	Pengeluaran <i>Production</i>				
		2008	2009	2010	2011	2012
Cat kilat <i>Gloss paints</i>	'000 Liter <i>000 Litre</i>	19,387	11,513	15,692	20,202	20,221
Cat lapis <i>Undercoats</i>	'000 Liter <i>000 Litre</i>	6,826	6,779	7,091	6,502	8,316
Cat asas <i>Primers</i>	'000 Liter <i>000 Litre</i>	20,725	17,326	18,501	20,994	20,439
Sabun mandi <i>Toilet soap</i>	Tan metrik <i>Tonne</i>	59,297	50,837	47,905	42,266	40,367
Sabun serbuk (bahan pencuci) <i>Soap powder (detergents)</i>	Tan metrik <i>Tonne</i>	100,324	127,328	146,886	137,917	136,177
Minyak tanah <i>Kerosene</i>	Tan metrik <i>Tonne</i>	3,940,444	3,402,778	3,350,367	3,559,679	3,504,452
Gas petroleum cecair <i>Liquefied petroleum gas</i>	Tan metrik <i>Tonne</i>	3,625,642	3,265,333	3,054,649	3,036,305	2,803,620
Minyak bahan api <i>Fuel oil</i>	Tan metrik <i>Tonne</i>	2,337,134	2,269,201	2,087,236	2,790,140	3,225,985
Minyak diesel / gas <i>Diesel / gas oil</i>	Tan metrik <i>Tonne</i>	9,619,998	9,494,751	8,585,460	9,999,539	11,754,674
Gasolin (spirit motor) <i>Gasoline (motor spirit)</i>	Tan metrik <i>Tonne</i>	4,819,134	4,375,230	4,175,258	5,510,132	5,542,745
Tayar pneumatik (semua jenis) <i>Pneumatic tyres (all types)</i>	'000 Bil. <i>'000 No.</i>	14,377	13,098	14,699	14,862	16,631
Tiub dalam (semua jenis) <i>Inner tubes (all types)</i>	'000 Bil. <i>'000 No.</i>	21,155	14,549	15,406	15,401	17,432
Getah Mutu Malaysia (semua gred) <i>Standard Malaysian Rubber (all grades)</i>	Tan metrik <i>Tonne</i>	899,047	745,056	872,183	819,208	899,792
Susu getah diproses <i>Processed latex</i>	Tan metrik <i>Tonne</i>	133,995	71,472	74,913	78,850	67,094
Kepingan getah <i>Rubber sheets</i>	Tan metrik <i>Tonne</i>	4,420	2,638	3,806	4,542	4,570
Campuran getah <i>Rubber compounds</i>	Tan metrik <i>Tonne</i>	110,300	112,179	129,983	140,812	158,416
Gelang getah <i>Rubber bands</i>	Tan metrik <i>Tonne</i>	5,506	3,301	3,592	3,452	2,197



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13.4 PENGELUARAN PRODUK PEMBUATAN TERPILIH (SAMB.)
PRODUCTION OF SELECTED MANUFACTURING PRODUCTS (CONT'D.)

Produk <i>Products</i>	Unit kuantiti <i>Unit of quantity</i>	Pengeluaran <i>Production</i>				
		2008	2009	2010	2011	2012
Sarung tangan getah <i>Rubber gloves</i>	'000 Pasang <i>'000 Pairs</i>	22,585,554	23,132,708	26,257,329	30,897,840	31,753,978
Catheters <i>Catheters</i>	Bilangan <i>Number</i>	145,111,534	119,405,478	129,480,324	140,148,919	148,474,655
Kasut getah (semua jenis) <i>Rubber footwear (all types)</i>	'000 Pasang <i>'000 Pairs</i>	6,893	5,604	6,658	6,656	6,409
Paip P.V.C. <i>P.V.C. pipes</i>	Tan metrik <i>Tonne</i>	75,560	81,155	93,109	111,533	126,989
Bata tanah <i>Earthen bricks</i>	'000 Bil. <i>'000 No.</i>	951,637	202,910	410,257	621,026	706,492
Jubin seramik <i>Ceramic tiles</i>	'000 M. persegi <i>'000 Sq. metre</i>	85,778	79,730	85,644	82,086	90,699
Simen (semua jenis) <i>Cement (all types)</i>	'000 Tan metrik <i>'000 Tonnes</i>	19,629	19,457	19,762	21,198	21,726
Bumbung genting simen (semua jenis) <i>Cement roofing tiles (all types)</i>	'000 Bil. <i>'000 No.</i>	178,054	108,659	118,143	118,710	168,061
Konkrit campuran siap <i>Ready-mixed concrete</i>	Meter padu <i>Cubic Metre</i>	9,910,473	7,465,428	7,931,997	10,934,235	13,082,063
Bar dan batang besi dan keluli <i>Iron and steel bars and rods</i>	Tan metrik <i>Tonne</i>	2,368,328	1,890,734	2,217,046	2,562,316	2,817,374
Kepingan besi yang disadur <i>Galvanised iron sheets</i>	Tan metrik <i>Tonne</i>	225,485	130,038	168,363	184,141	154,349
Paip, tiub dan kelengkapan besi kimpal dan keluli <i>Welded iron and steel pipes and tubes and fittings</i>	Tan metrik <i>Tonne</i>	803,633	417,784	304,381	266,595	563,787
Tin timah dan semua tin lain <i>Tin cans and all other tins</i>	'000 Bil. <i>'000 No.</i>	2,406,653	2,376,802	2,660,861	2,691,731	3,157,711
Dram besi dan keluli <i>Iron and steel drums</i>	'000 Bil. <i>'000 No.</i>	4,262	4,533	3,732	11,225	4,508



13.4 PENGELUARAN PRODUK PEMBUATAN TERPILIH (SAMB.)
PRODUCTION OF SELECTED MANUFACTURING PRODUCTS (CONT'D.)

Produk <i>Products</i>	Unit kuantiti <i>Unit of quantity</i>	Pengeluaran <i>Production</i>				
		2008	2009	2010	2011	2012
Dawai besi dan keluli bersadur <i>Galvanised iron and steel wire</i>	Tan metrik <i>Tonne</i>	182,626	153,000	178,310	141,526	95,369
Dawai mata punai dan jaring <i>Wire mesh and netting</i>	'000 M. persegi <i>'000 Sq. Metre</i>	188,830	157,233	189,696	225,126	212,793
Penyaman udara bilik <i>Room air-conditioners</i>	Bilangan <i>Number</i>	2,167,772	1,940,966	2,593,647	2,846,511	2,665,326
Peti televisyen <i>Television sets</i>	Bilangan <i>Number</i>	5,732,415	6,361,787	13,163,257	13,966,508	13,054,444
Radio <i>Radios</i>	'000 Bil. <i>'000 No.</i>	61,539	58,410	57,350	47,889	28,365
Separa konduktor <i>Semi-conductors</i>	Bilangan (juta) <i>Number (million)</i>	20,520	14,885	17,997	16,281	19,765
Transistor elektronik <i>Electronic transistors</i>	Bilangan (juta) <i>Number (million)</i>	31,346	29,271	34,184	34,189	36,119
Litar bersepadu <i>Integrated circuits</i>	Bilangan (juta) <i>Number (million)</i>	30,752	23,279	38,007	33,380	39,391
Dawai dan kabel yang bertebat <i>Insulated wires and cables</i>	Tan metrik <i>Tonnes</i>	65,568	52,648	61,046	72,328	69,610
Kereta penumpang kurang 1600 c.c. <i>Passenger cars below 1600 c.c.</i>	Bilangan <i>Number</i>	295,012	275,700	274,360	248,467	252,499
Kereta penumpang 1600 c.c. dan lebih <i>Passengers cars 1600 c.c. and above</i>	Bilangan <i>Number</i>	124,595	133,668	200,340	220,591	227,818
Kenderaan perdagangan <i>Commercial vehicles</i>	Bilangan <i>Number</i>	85,228	67,634	72,565	65,658	81,786
Motosikal dan skuter <i>Motor cycles and scooters</i>	Bilangan <i>Number</i>	550,289	305,999	421,676	486,911	533,508



13.5 PERANGKAAAN UTAMA INDUSTRI PEMBINAAN MENGIKUT WILAYAH
PRINCIPAL STATISTICS OF CONSTRUCTION INDUSTRIES BY REGION

Wilayah Region	Tahun Year	Bilangan pertubuhan No. of establishments	Nilai output kasar (RM juta) Value of gross output (RM million)	Nilai input perantaraan (RM juta) Value of intermediate input (RM million)	Nilai ditambah (RM juta) Value added (RM million)	Bilangan pekerja pada akhir tahun Number of persons engaged as at end of year		Gaji dan upah yang dibayar dalam tahun (RM juta) Salaries and wages paid during the year (RM million)	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) Value of fixed assets owned as at end of year (RM million)
						Jumlah Total	Pekerja bergaji Paid employees		
Malaysia	2004	4,450	45,776	31,773	14,002	449,944	448,739	9,285	6,623
	2005	10,347	53,960	36,987	16,973	551,755	545,673	10,868	7,487
	2007	5,543	60,716	42,617	18,099	595,139	593,302	12,957	8,395
	2009	5,764	70,600	49,365	21,235	602,694	600,916	13,967	9,359
	2010	22,140	91,342	59,400	31,941	974,488	960,491	19,841	14,476
Semenanjung Malaysia Peninsular Malaysia	2004	3,844	41,346	29,191	12,155	364,116	363,220	7,965	5,878
	2005	8,908	48,489	33,727	14,762	447,366	442,404	9,321	6,571
	2007	4,825	55,239	39,051	16,188	511,238	509,772	11,577	7,500
	2009	4,896	62,705	44,290	18,414	500,237	498,902	12,243	7,953
	2010	19,621	77,083	50,201	26,882	788,500	776,299	16,693	12,191
Sabah ^(a)	2004	241	1,645	1,094	551	26,598	26,469	374	307
	2005	652	2,061	1,360	700	32,548	32,008	460	418
	2007	287	2,008	1,359	649	25,375	25,219	397	372
	2009	437	3,723	2,525	1,198	43,398	43,168	731	646
	2010	1,387	7,677	5,116	2,561	92,388	91,345	1,607	1,093
Sarawak	2004	365	2,785	1,488	1,297	59,230	59,050	946	439
	2005	787	3,411	1,900	1,511	71,841	71,261	1,087	498
	2007	431	3,469	2,207	1,262	58,526	58,311	983	523
	2009	431	4,172	2,549	1,623	59,059	58,846	993	760
	2010	1,132	6,582	4,084	2,499	93,600	92,847	1,540	1,192

(a) Data termasuk W.P. Labuan.
Data includes W.P. Labuan.

Nota / Note:

Tiada penyiasatan dijalankan untuk tahun 2006, 2008 dan 2011. Maklumat untuk tahun 2005 dan 2010 berdasarkan keputusan banci.
No survey was conducted for years 2006, 2008 and 2011. Information for year 2005 and 2010 are based on census result.



13.6 PERANGKAAAN UTAMA INDUSTRI PEMBINAAN MENGIKUT SUBSEKTOR
PRINCIPAL STATISTICS OF CONSTRUCTION INDUSTRIES BY SUB-SECTOR

A. PEMBINAAN TEMPAT KEDIAMAN
RESIDENTIAL CONSTRUCTION

Wilayah <i>Region</i>	Tahun <i>Year</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	Nilai input perantara (RM juta) <i>Value of intermediate input (RM million)</i>	Nilai ditambah (RM juta) <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>Number of persons engaged as at end of year</i>		Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>
						Jumlah <i>Total</i>	Pekerja bergaji Paid employees		
Malaysia	2004	904	11,367	7,693	3,674	120,121	119,908	2,440	1,251
	2005	1,725	14,635	10,043	4,591	150,193	149,339	2,952	1,550
	2007	1,091	14,881	10,525	4,357	148,509	148,196	3,241	1,626
	2009	1,088	17,400	12,160	5,240	152,251	151,912	3,457	1,919
	2010	3,989	20,362	13,213	7,149	223,163	220,702	4,565	2,856
Semenanjung Malaysia <i>Peninsular Malaysia</i>	2004	795	10,599	7,248	3,350	104,024	103,860	2,202	1,162
	2005	1,470	13,479	9,349	4,130	127,500	126,813	2,623	1,396
	2007	937	13,767	9,858	3,909	128,550	128,298	2,925	1,452
	2009	908	16,036	11,300	4,736	129,974	129,724	3,099	1,750
	2010	3,334	17,702	11,546	6,157	182,702	180,766	3,957	2,594
Sabah ^(a)	2004	34	265	178	87	4,880	4,868	68	46
	2005	84	434	292	141	7,221	7,169	104	90
	2007	50	439	288	152	5,911	5,896	97	70
	2009	84	758	519	239	10,404	10,367	175	111
	2010	298	1,471	967	503	18,199	17,961	300	149
Sarawak	2004	75	504	267	237	11,217	11,180	170	43
	2005	171	722	402	320	15,472	15,357	225	64
	2007	104	675	379	296	14,048	14,002	219	104
	2009	96	606	341	265	11,873	11,821	184	59
	2010	357	1,189	700	489	22,262	21,975	308	113

(a) Data termasuk W.P. Labuan.
Data includes W.P. Labuan.

Nota / Note:

- 1) Tiada penyiasatan dijalankan untuk tahun 2006, 2008 dan 2011. Maklumat untuk tahun 2005 dan 2010 berdasarkan keputusan banci.
No survey was conducted for years 2006, 2008 and 2011. Information for year 2005 and 2010 are based on census result.
- 2) Subsektor bagi tahun 2004, 2005, dan 2007 telah diklasifikasikan semula berdasarkan MSIC 2008.
The 2004, 2005 and 2007 data has been reclassified according to MSIC 2008.



PEMBINAAN
CONSTRUCTION

13.6 PERANGKAAAN UTAMA INDUSTRI PEMBINAAN MENGIKUT SUBSEKTOR (SAMB.)
PRINCIPAL STATISTICS OF CONSTRUCTION INDUSTRIES BY SUB-SECTOR (CONT'D.)

B. PEMBINAAN BUKAN TEMPAT KEDIAMAN
NON - RESIDENTIAL CONSTRUCTION

Wilayah <i>Region</i>	Tahun <i>Year</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output <i>Value of gross output (RM million)</i>	Nilai input perantaraan <i>Value of intermediate input (RM million)</i>	Nilai ditambah <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>Number of persons engaged as at end of year</i>		Gaji dan upah yang dibayar dalam tahun <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>Value of fixed assets owned as at end of year (RM million)</i>
			(RM juta) <i>(RM million)</i>	(RM juta) <i>(RM million)</i>	(RM juta) <i>(RM million)</i>	Jumlah <i>Total</i>	Pekerja bergaji <i>Paid employees</i>	(RM juta) <i>(RM million)</i>	(RM juta) <i>(RM million)</i>
Malaysia	2004	814	10,087	7,015	3,072	111,969	111,820	2,168	1,369
	2005	1,624	10,800	7,230	3,570	121,057	120,155	2,382	1,233
	2007	874	13,334	9,378	3,957	141,679	141,455	2,921	1,175
	2009	1,218	19,160	13,623	5,536	167,410	167,129	3,859	2,162
	2010	4,970	27,047	17,611	9,436	285,695	282,846	5,891	3,748
Semenanjung Malaysia <i>Peninsular Malaysia</i>	2004	700	8,967	6,349	2,618	88,848	88,751	1,835	1,235
	2005	1,386	9,595	6,475	3,120	98,502	97,758	2,055	1,047
	2007	742	12,269	8,696	3,573	122,246	122,081	2,631	1,031
	2009	1,015	16,708	12,021	4,687	135,112	134,916	3,369	1,723
	2010	4,442	23,147	15,043	8,104	233,025	230,478	5,037	3,168
Sabah ^(a)	2004	55	489	340	148	7,752	7,726	109	55
	2005	120	522	361	160	7,977	7,895	119	79
	2007	63	568	390	178	8,316	8,289	127	85
	2009	108	1,059	714	345	14,119	14,069	192	180
	2010	305	2,349	1,632	717	29,654	29,457	461	373
Sarawak	2004	59	631	325	306	15,369	15,343	224	80
	2005	118	684	394	290	14,578	14,502	207	108
	2007	69	497	292	206	11,117	11,085	163	59
	2009	95	1,392	888	504	18,179	18,144	298	259
	2010	223	1,551	936	615	23,016	22,911	393	206

(a) Data termasuk W.P. Labuan.
Data includes W.P. Labuan.

Nota /Note:

- 1) Tiada penyiasatan dijalankan untuk tahun 2006, 2008 dan 2011. Maklumat untuk tahun 2005 dan 2010 berdasarkan keputusan banci.
No survey was conducted for years 2006, 2008 and 2011. Information for year 2005 and 2010 are based on census result.
- 2) Subsektor bagi tahun 2004, 2005, dan 2007 telah diklasifikasikan semula berdasarkan MSIC 2008.
The 2004, 2005 and 2007 data has been reclassified according to MSIC 2008.



13.6 PERANGKAAAN UTAMA INDUSTRI PEMBINAAN MENGIKUT SUBSEKTOR (SAMB.)
PRINCIPAL STATISTICS OF CONSTRUCTION INDUSTRIES BY SUB-SECTOR (CONT'D.)

C. PEMBINAAN KEJURUTERAAN AWAM CIVIL ENGINEERING CONSTRUCTION									
Wilayah Region	Tahun Year	Bilangan pertubuhan No. of establishments	Nilai output kasar (RM juta) Value of gross output (RM million)	Nilai input perantara (RM juta) Value of intermediate input (RM million)	Nilai ditambah (RM juta) Value added (RM million)	Bilangan pekerja pada akhir tahun Number of persons engaged as at end of year		Gaji dan upah yang dibayar dalam tahun (RM juta) Salaries and wages paid during the year (RM million)	Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) Value of fixed assets owned as at end of year (RM million)
						Jumlah Total	Pekerja bergaji Paid employees		
Malaysia	2004	1,374	16,845	11,815	5,030	148,450	148,112	3,163	2,807
	2005	3,613	18,393	12,651	5,742	184,008	181,787	3,600	3,045
	2007	1,738	18,774	13,115	5,660	180,089	179,622	3,949	3,726
	2009	1,474	19,700	13,568	6,133	161,948	161,527	3,717	2,788
	2010	4,740	24,852	16,346	8,506	251,793	248,857	5,229	3,861
Semenanjung Malaysia Peninsular Malaysia	2004	1,129	14,694	10,578	4,116	110,082	109,860	2,527	2,361
	2005	3,091	15,776	11,137	4,639	135,593	135,593	2,843	2,558
	2007	1,483	18,451	12,903	5,548	163,140	162,706	3,776	3,238
	2009	1,190	16,343	11,431	4,912	123,721	123,428	3,006	2,110
	2010	3,999	18,683	12,325	6,357	182,369	17,966	3,889	2,707
Sabah ^(a)	2004	96	709	456	252	10,909	10,859	156	168
	2005	268	886	568	318	13,370	13,151	189	208
	2007	98	746	509	237	7,602	7,551	121	173
	2009	148	1,527	1,033	494	15,000	14,932	293	289
	2010	487	3,028	1,990	1,038	33,444	33,053	671	402
Sarawak	2004	149	1,443	781	662	27,459	27,393	479	278
	2005	254	1,732	947	786	35,045	34,883	567	278
	2007	157	1,985	1,337	648	28,640	28,567	525	316
	2009	136	1,831	1,104	726	23,227	23,167	418	389
	2010	263	3,141	2,031	1,111	35,980	35,838	670	752

(a) Data termasuk W.P. Labuan.
Data includes W.P. Labuan.

Nota / Note:

- 1) Tiada penyiasatan dijalankan untuk tahun 2006, 2008 dan 2011. Maklumat untuk tahun 2005 dan 2010 berdasarkan keputusan banci.
No survey was conducted for years 2006, 2008 and 2011. Information for year 2005 and 2010 are based on census result.
- 2) Subsektor bagi tahun 2004, 2005, dan 2007 telah diklasifikasikan semula berdasarkan MSIC 2008.
The 2004, 2005 and 2007 data has been reclassified according to MSIC 2008.



13.6 PERANGKAAAN UTAMA INDUSTRI PEMBINAAN MENGIKUT SUBSEKTOR (SAMB.)
PRINCIPAL STATISTICS OF CONSTRUCTION INDUSTRIES BY SUB-SECTOR (CONT'D.)
D. PEMBINAAN PERTUKANGAN KHAS
SPECIAL TRADE CONSTRUCTION

Wilayah <i>Region</i>	Tahun <i>Year</i>	Bilangan pertubuhan <i>No. of establishments</i>	Nilai output kasar <i>(RM juta)</i> <i>Value of gross output (RM million)</i>	Nilai input perantaraan <i>(RM juta)</i> <i>Value of intermediate input (RM million)</i>	Nilai ditambah <i>(RM juta)</i> <i>Value added (RM million)</i>	Bilangan pekerja pada akhir tahun <i>Number of persons engaged as at end of year</i>		Gaji dan upah yang dibayar dalam tahun <i>(RM juta)</i> <i>Salaries and wages paid during the year (RM million)</i>	Nilai harta tetap yang dimiliki pada akhir tahun <i>(RM juta)</i> <i>Value of fixed assets owned as at end of year (RM million)</i>
			Jumlah <i>Total</i>	Pekerja bergaji <i>Paid employees</i>					
Malaysia	2004	1,358	7,476	5,250	2,226	69,404	68,899	1,513	1,196
	2005	3,385	10,132	7,062	3,070	96,497	94,392	1,935	1,659
	2007	1,840	11,318	7,966	3,352	105,569	104,827	2,372	1,868
	2009	1,984	14,340	10,014	4,326	121,085	120,348	2,934	2,491
	2010	8,441	19,080	12,230	6,850	213,837	208,086	4,157	4,011
Semenanjung Malaysia <i>Peninsular Malaysia</i>	2004	1,220	7,086	5,016	2,071	61,162	60,749	1,401	1,120
	2005	2,961	9,639	6,766	2,873	85,771	84,080	1,799	1,571
	2007	1,663	10,752	7,594	3,157	97,302	96,687	2,245	1,779
	2009	1,783	13,617	9,538	4,079	111,430	110,834	2,769	2,371
	2010	7,855	17,551	11,287	6,264	190,404	185,089	3,811	3,722
Sabah ^(a)	2004	56	183	120	63	3,057	3,016	41	37
	2005	180	220	139	81	3,980	3,793	48	40
	2007	76	255	172	83	3,546	3,483	51	44
	2009	97	379	260	119	3,875	3,800	71	67
	2010	297	829	526	302	11,091	10,874	176	169
Sarawak	2004	82	207	115	92	5,185	2,134	72	38
	2005	244	274	157	116	6,746	6,519	87	48
	2007	101	311	200	111	4,721	4,657	76	44
	2009	104	344	216	128	5,780	5,714	93	54
	2010	289	701	416	284	12,342	12,123	170	121

(a) Data termasuk W.P. Labuan.
Data includes W.P. Labuan.

Nota / Note:

- 1) Tiada penyiasatan dijalankan untuk tahun 2006, 2008 dan 2011. Maklumat untuk tahun 2005 dan 2010 berdasarkan keputusan banci.
No survey was conducted for years 2006, 2008 and 2011. Information for year 2005 and 2010 are based on census result.
- 2) Subsektor bagi tahun 2004, 2005, dan 2007 telah diklasifikasikan semula berdasarkan MSIC 2008.
The 2004, 2005 and 2007 data has been reclassified according to MSIC 2008.



13.7 PENGELUARAN GALIAN
PRODUCTION OF MINERALS

Galian <i>Minerals</i>	Tahun <i>Year</i>				
	2008	2009	2010	2011 ^(f)	2012 ^(f)
Timah dalam konsentrat (Tan metrik) <i>Tin-in-concentrates (Tonne)</i>	2,607	2,412	2,668	3,340	3,725
Bauksit (Tan metrik) <i>Bauxite (Tonne)</i>	275,069	263,432	124,274	182,831	121,873
Bijih besi (Tan metrik) <i>Iron ore (Tonne)</i>	981,932	1,470,186	3,557,813	8,077,879	10,295,886
Kaolin (Tan metrik) <i>Kaolin (Tonne)</i>	419,157	463,736	473,273	405,717	424,662
Emas (gram)^(a) <i>Gold (gram)^(a)</i>	2,489,996	2,794,167	3,765,936	4,219,325	4,624,987
Perak ('000 gram)^(b) <i>Silver ('000 gram)^(b)</i>	349,183	366,971	435,862	459,640	1,627,711
Barit (Tan metrik) <i>Barite (Tonne)</i>	4,372	6,380	1,000	-	-
Minyak mentah ('000 tong)^(c) <i>Crude oil ('000 barrel)^(c)</i>	251,811	240,479	232,965	207,969	214,318
Gas asli^(d) (JKPS)^(e) <i>Natural gas^(d) (MMSCF)^(e)</i>	2,154,853	2,119,355	2,159,533	2,164,983	2,198,414
Ilmenit (Tan metrik) <i>Ilmenite (Tonne)</i>	36,779	15,983	19,039	28,782	22,275
Struverit (Tan metrik) <i>Struverite (Tonne)</i>	216	176	84	110	262
Monasit (Tan metrik) <i>Monazite (Tonne)</i>	233	25	622	571	113
Zirkon (Tan metrik) <i>Zircon (Tonne)</i>	984	1,145	1,267	1,685	442

(a) Termasuk emas mentah dan kandungan emas dari konsentrat tembaga.
Includes raw gold and gold from copper concentrates.

(b) Hasil sampingan daripada lombong emas.
By-product from gold mines.

(c) Mentah dan peluwap.
Crude and condensate.

(d) Pengeluaran Bersih = Pengeluaran Kasar Gas Asli (Gas Bersekutu dan Gas Tidak Bersekutu) tolak Suntikan Semula & Pembakaran.
Net Production = Gross Production of Natural Gas (Associated Gas and Non-Associated Gas) less Re-injected and Flared.

(e) JKPS - Juta Kaki Padu Standard.

Sumber : Jabatan Mineral dan Geosains, Malaysia
Source : Department of Minerals and Geoscience, Malaysia

Petroleum Nasional Berhad (PETRONAS)



PERLOMBONGAN
 MINING

13.8 PERANGKAAAN UTAMA INDUSTRI PERLOMBONGAN MINERAL
 PRINCIPAL STATISTICS OF MINERAL MINING INDUSTRY

Butir-butir Particulars	1997	1999	2000	2005	2010
Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	290	364	349	385	1,528
Nilai input perantaraan (RM juta) <i>Value of intermediate input (RM million)</i>	142	141	232	224	929
Nilai ditambah (RM juta) <i>Value added (RM million)</i>	148	223	117	161	600
Bilangan pekerja pada akhir tahun : <i>Number of persons engaged as at end of year :</i>					
Jumlah / Total	4,086	4,489	2,948	2,528	4,954
Pekerja bergaji / Paid employees	4,077	4,481	2,940	2,523	4,946
Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	61	72	53	48	141
Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>	140	105	108	138	665

13.9 PERANGKAAAN UTAMA INDUSTRI PENGKUARIAN BATU
 PRINCIPAL STATISTICS OF STONE QUARRYING INDUSTRY

Butir-butir Particulars	1995	1998	2000	2005	2010
Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	1,260	1,355	1,285	1,540	2,968
Nilai input perantaraan (RM juta) <i>Value of intermediate input (RM million)</i>	751	809	746	919	1,878
Nilai ditambah (RM juta) <i>Value added (RM million)</i>	508	546	538	621	1,089
Bilangan pekerja pada akhir tahun : <i>Number of persons engaged as at end of year :</i>					
Jumlah / Total	13,675	13,507	11,608	9,420	14,343
Pekerja bergaji / Paid employees	13,655	13,497	11,604	9,412	14,280
Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	206	232	210	203	345
Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>	731	1,107	1,199	947	1,183



13.10 PERANGKAAAN UTAMA INDUSTRI PERLOMBONGAN PETROLEUM
 PRINCIPAL STATISTICS OF PETROLEUM MINING INDUSTRY

Butir-butir <i>Particulars</i>	2007	2008	2009	2010	2011
Nilai output kasar (RM juta) <i>Value of gross output (RM million)</i>	98,676	130,362	91,216	98,122	109,193
Nilai input perantaraan (RM juta) <i>Value of intermediate input (RM million)</i>	6,854	7,642	7,988	11,113	161,126
Nilai ditambah (RM juta) <i>Value added (RM million)</i>	91,823	122,720	83,228	87,008	93,067
Bilangan pekerja pada akhir tahun : <i>Number of persons engaged as at end of year :</i>					
Jumlah / Total	9,649	10,458	12,184	12,919	13,304
Pekerja bergaji / Paid employees	9,649	10,458	12,184	12,919	13,304
Gaji dan upah yang dibayar dalam tahun (RM juta) <i>Salaries and wages paid during the year (RM million)</i>	1,668	1,969	2,373	2,512	2,812
Nilai harta tetap yang dimiliki pada akhir tahun (RM juta) <i>Value of fixed assets owned as at end of year (RM million)</i>	52,749	76,276	93,785	141,161	146,523



13.11 TENAGA ELEKTRIK YANG DIJANAKAN
ELECTRICITY GENERATED

Jenis Type	Juta KWH / Million KWH				
	2008	2009	2010	2011	2012
MALAYSIA					
Pemasangan awam / Public installations					
Stesen wap <i>Steam stations</i>	25,350.1	32,149.9	0.0	0.0	0.0
Stesen diesel <i>Diesel stations</i>	1,790.0	1,776.2	1,858.7	4,867.4	3,707.2
Stesen hidro <i>Hydro stations</i>	7,190.1	6,625.1	6,251.3	7,647.7	9,068.9
Stesen Turbin gas <i>Gas turbines stations</i>	69,194.0	61,898.7	60,172.0	50,719.5	55,389.3
Stesen Arangbatu <i>Coal stations</i>	1,333.1	2,648.1	45,805.3	49,413.5	52,117.8
Lain-lain <i>Others</i>	66.0	105.0	831.9	4,041.8	2,258.1
Jumlah <i>Total</i>	104,923.3	105,203.0	114,919.3	116,690.0	122,541.3
Pemasangan swasta / Private installations					
Stesen wap <i>Steam stations</i>	287.4	232.5	259.4	261.4	365.9
Stesen diesel <i>Diesel stations</i>	178.9	182.0	185.2	189.1	166.2
Stesen hidro <i>Hydro stations</i>	0.1	0.0	0.0	0.0	0.3
Stesen Turbin gas <i>Gas turbines stations</i>	1,371.4	1,332.5	1,277.9	1,482.1	1,677.8
Stesen Arangbatu <i>Coal stations</i>	0.0	0.0	0.0	0.0	0.0
Lain-lain <i>Others</i>	165.8	165.8	165.8	165.8	165.8
Jumlah <i>Total</i>	2,003.6	1,912.8	1,888.3	2,098.4	2,376.0
Jumlah / Total					
Stesen wap <i>Steam stations</i>	25,637.5	32,382.5	259.4	261.4	365.9
Stesen diesel <i>Diesel stations</i>	1,968.9	1,958.1	2,043.9	5,056.6	3,873.3
Stesen hidro <i>Hydro stations</i>	7,190.2	6,625.1	6,251.3	7,647.7	9,069.2
Stesen Turbin gas <i>Gas turbines stations</i>	70,565.3	63,231.2	61,449.9	52,201.6	57,067.1
Stesen Arangbatu <i>Coal stations</i>	1,333.1	2,648.1	45,805.3	49,413.5	52,117.8
Lain-lain <i>Others</i>	231.8	270.8	997.8	4,207.7	2,423.9
Jumlah <i>Total</i>	106,926.9	107,115.8	116,807.6	118,788.4	124,917.2



13.11 TENAGA ELEKTRIK YANG DIJANAKAN (SAMB.)
ELECTRICITY GENERATED (CONT'D.)

Jenis Type	Juta KWH / Million KWH				
	2008	2009	2010	2011	2012
SEMENANJUNG MALAYSIA					
PENINSULAR MALAYSIA					
Pemasangan awam / Public installations					
Stesen wap Steam stations	25,350.1	32,149.9	0.0	0.0	0.0
Stesen diesel Diesel stations	190.6	183.7	223.0	3,507.5	2,487.8
Stesen hidro Hydro stations	6,194.6	5,795.0	5,231.6	5,926.4	5,519.8
Stesen Turbin gas Gas turbines stations	63,565.9	56,754.8	54,055.3	44,164.0	48,935.0
Stesen Arangbatu Coal stations	0.0	0.0	42,624.1	46,369.3	49,401.2
Lain-lain Others	0.0	0.0	673.9	3,868.8	2,096.1
Jumlah Total	95,301.2	94,883.4	102,807.9	103,836.1	108,440.0
Pemasangan swasta / Private installations					
Stesen wap Steam stations	0.0	0.0	0.0	0.0	0.0
Stesen diesel Diesel stations	125.1	125.1	125.1	125.1	125.1
Stesen hidro Hydro stations	0.0	0.0	0.0	0.0	0.0
Stesen Turbin gas Gas turbines stations	172.3	172.3	172.3	172.3	172.3
Stesen Arangbatu Coal stations	0.0	0.0	0.0	0.0	0.0
Lain-lain Others	165.8	165.8	165.8	165.8	165.8
Jumlah Total	463.2	463.2	463.2	463.2	463.2
Jumlah / Total					
Stesen wap Steam stations	25,350.1	32,149.9	0.0	0.0	0.0
Stesen diesel Diesel stations	315.7	308.7	348.1	3,632.6	2,612.9
Stesen hidro Hydro stations	6,194.6	5,795.0	5,231.6	5,926.4	5,519.8
Stesen Turbin gas Gas turbines stations	63,738.2	56,927.1	54,227.5	44,336.2	49,107.3
Stesen Arangbatu Coal stations	0.0	0.0	42,624.1	46,369.3	49,401.2
Lain-lain Others	165.8	165.8	839.8	4,034.7	2,261.9
Jumlah Total	95,764.4	95,346.6	103,271.1	104,299.3	108,903.2



13.11 TENAGA ELEKTRIK YANG DIJANAKAN (SAMB.)
ELECTRICITY GENERATED (CONT'D.)

Jenis Type	Juta KWH / Million KWH				
	2008	2009	2010	2011	2012
SABAH					
<i>Pemasangan awam / Public installations</i>					
Stesen wap <i>Steam stations</i>	0.0	0.0	0.0	0.0	0.0
Stesen diesel <i>Diesel stations</i>	1,250.0	1,298.0	1,373.0	1,116.0	1,039.0
Stesen hidro <i>Hydro stations</i>	489.0	369.0	478.0	467.0	425.0
Stesen Turbin gas <i>Gas turbines stations</i>	2,473.0	2,670.0	2,756.0	3,347.0	3,720.0
Stesen Arangbatu <i>Coal stations</i>	0.0	0.0	0.0	0.0	0.0
Lain-lain <i>Others</i>	66.0	105.0	158.0	173.0	162.0
Jumlah <i>Total</i>	4,278.0	4,442.0	4,765.0	5,103.0	5,346.0
<i>Pemasangan swasta / Private installations</i>					
Stesen wap <i>Steam stations</i>	287.4	232.5	259.4	261.4	365.9
Stesen diesel <i>Diesel stations</i>	53.8	56.9	60.1	64.1	41.1
Stesen hidro <i>Hydro stations</i>	0.1	0.0	0.0	0.0	0.3
Stesen Turbin gas <i>Gas turbines stations</i>	96.5	8.6	20.9	85.5	92.4
Stesen Arangbatu <i>Coal stations</i>	0.0	0.0	0.0	0.0	0.0
Lain-lain <i>Others</i>	0.0	0.0	0.0	0.0	0.0
Jumlah <i>Total</i>	437.9	298.0	340.4	411.0	499.7
<i>Jumlah / Total</i>					
Stesen wap <i>Steam stations</i>	287.4	232.5	259.4	261.4	365.9
Stesen diesel <i>Diesel stations</i>	1,303.8	1,354.9	1,433.1	1,180.1	1,080.1
Stesen hidro <i>Hydro stations</i>	489.1	369.0	478.0	467.0	425.3
Stesen Turbin gas <i>Gas turbines stations</i>	2,569.5	2,678.6	2,776.9	3,432.5	3,812.4
Stesen Arangbatu <i>Coal stations</i>	0.0	0.0	0.0	0.0	0.0
Lain-lain <i>Others</i>	66.0	105.0	158.0	173.0	162.0
Jumlah <i>Total</i>	4,715.9	4,740.0	5,105.4	5,514.0	5,845.7



13.11 TENAGA ELEKTRIK YANG DIJANAKAN (SAMB.)
ELECTRICITY GENERATED (CONT'D.)

Jenis Type	Juta KWH / Million KWH				
	2008	2009	2010	2011	2012
SARAWAK					
<i>Pemasangan awam / Public installations</i>					
Stesen wap <i>Steam stations</i>	0.0	0.0	0.0	0.0	0.0
Stesen diesel <i>Diesel stations</i>	349.4	294.5	262.7	243.9	180.4
Stesen hidro <i>Hydro stations</i>	506.5	461.0	541.7	1,254.3	3,124.1
Stesen Turbin gas <i>Gas turbines stations</i>	3,155.1	2,473.9	3,360.8	3,208.6	2,734.2
Stesen Arangbatu <i>Coal stations</i>	1,333.1	2,648.1	3,181.3	3,044.1	2,716.6
Lain-lain <i>Others</i>	0.0	0.0	0.0	0.0	0.0
Jumlah <i>Total</i>	5,344.1	5,877.6	7,346.5	7,750.9	8,755.3
<i>Pemasangan swasta / Private installations</i>					
Stesen wap <i>Steam stations</i>	0.0	0.0	0.0	0.0	0.0
Stesen diesel <i>Diesel stations</i>	0.0	0.0	0.0	0.0	0.0
Stesen hidro <i>Hydro stations</i>	0.0	0.0	0.0	0.0	0.0
Stesen Turbin gas <i>Gas turbines stations</i>	1,102.5	1,151.6	1,084.7	1,224.3	1,413.1
Stesen Arangbatu <i>Coal stations</i>	0.0	0.0	0.0	0.0	0.0
Lain-lain <i>Others</i>	0.0	0.0	0.0	0.0	0.0
Jumlah <i>Total</i>	1,102.5	1,151.6	1,084.7	1,224.3	1,413.1
<i>Jumlah / Total</i>					
Stesen wap <i>Steam stations</i>	0.0	0.0	0.0	0.0	0.0
Stesen diesel <i>Diesel stations</i>	349.4	294.5	262.7	243.9	180.4
Stesen hidro <i>Hydro stations</i>	506.5	461.0	541.7	1,254.3	3,124.1
Stesen Turbin gas <i>Gas turbines stations</i>	4,257.6	3,625.6	4,445.5	4,432.8	4,147.3
Stesen Arangbatu <i>Coal stations</i>	1,333.1	2,648.1	3,181.3	3,044.1	2,716.6
Lain-lain <i>Others</i>	0.0	0.0	0.0	0.0	0.0
Jumlah <i>Total</i>	6,446.6	7,029.2	8,431.1	8,975.2	10,168.4

Sumber : Tenaga Nasional Berhad
Source Sabah Electricity Sdn. Bhd. (SESB)
Sarawak Energy Berhad (SEB)
Pengeluar Tenaga Bebas
Independent Power Producers



ELEKTRIK
 ELECTRICITY

13.12 TENAGA ELEKTRIK YANG DIBEKALKAN DAN DIGUNAKAN
 ELECTRICITY SUPPLIED AND CONSUMED

Transaksi <i>Transaction</i>	2010		2011		2012	
	Unit <i>Unit</i>	Nilai <i>Value</i>	Unit <i>Unit</i>	Nilai <i>Value</i>	Unit <i>Unit</i>	Nilai <i>Value</i>
	Juta KWH <i>Million KWH</i>	RM juta <i>RM million</i>	Juta KWH <i>Million KWH</i>	RM juta <i>RM million</i>	Juta KWH <i>Million KWH</i>	RM juta <i>RM million</i>
MALAYSIA						
Tenaga elektrik yang dijana <i>Electricity generated</i>	116,807.6	n.a.	118,788.4	n.a.	124,917.2	n.a.
Tenaga elektrik yang diimport <i>Electricity imported</i>	0.1	0.0	324.1	0.0	1.1	0.0
Jumlah bekalan <i>Total supply</i>	116,807.7	n.a.	119,112.5	n.a.	124,918.3	n.a.
Kegunaan tenaga elektrik : <i>Consumption of electricity :</i>						
Kegunaan sendiri oleh pemasangan swasta <i>Own consumption by private installations</i>	1,891.9	n.a.	2,026.0	n.a.	2,381.6	n.a.
Edaran oleh pemasangan awam mengikut jenis pengguna : <i>Distribution by public installations by type of consumers :</i>						
(i) Kediaman <i>Domestic</i>	21,296.5	5,874.6	21,671.8	6,051.9	23,321.5	6,728.3
(ii) Perniagaan <i>Commercial</i>	33,769.3	12,495.9	35,343.6	13,527.2	37,167.1	14,886.9
(iii) Perindustrian <i>Industrial</i>	43,402.1	12,256.6	46,276.6	13,321.2	47,438.8	14,077.4
(iv) Lampu awam <i>Public lighting</i>	1,190.3	262.2	1,260.6	283.1	1,366.7	311.0
(v) Jumlah <i>Total</i>	99,658.2	30,889.3	104,552.6	33,183.5	109,294.0	36,003.7
Tenaga elektrik yang dieksport <i>Electricity exported</i>	147.6	31.8	10.2	9.0	12.6	10.7
Kehilangan dalam pancaran dan perbezaan perangkaan <i>Losses in transmissions and statistical discrepancies</i>	15,110.0	n.a.	12,523.7	n.a.	13,230.1	n.a.
Jumlah <i>Total</i>	116,807.7	n.a.	119,112.5	n.a.	124,918.3	n.a.



13.12 TENAGA ELEKTRIK YANG DIBEKALKAN DAN DIGUNAKAN (SAMB.)
ELECTRICITY SUPPLIED AND CONSUMED (CONT'D.)

Transaksi <i>Transaction</i>	2010		2011		2012	
	Unit <i>Unit</i> Juta KWH <i>Million KWH</i>	Nilai <i>Value</i> RM juta <i>RM million</i>	Unit <i>Unit</i> Juta KWH <i>Million KWH</i>	Nilai <i>Value</i> RM juta <i>RM million</i>	Unit <i>Unit</i> Juta KWH <i>Million KWH</i>	Nilai <i>Value</i> RM juta <i>RM million</i>
SEMENANJUNG MALAYSIA						
<i>PENINSULAR MALAYSIA</i>						
Tenaga elektrik yang dijana <i>Electricity generated</i>	103,271.1	n.a.	104,299.3	n.a.	108,903.2	n.a.
Tenaga elektrik yang diimport <i>Electricity imported</i>	0.1	0.0	324.1	156.2	1.1	0.8
Jumlah bekalan <i>Total supply</i>	103,271.1	n.a.	104,623.4	n.a.	108,904.2	n.a.
Kegunaan tenaga elektrik : <i>Consumption of electricity :</i>						
Kegunaan sendiri oleh pemasangan swasta <i>Own consumption by private installations</i>	463.2	n.a.	463.2	n.a.	463.2	n.a.
Edaran oleh pemasangan awam mengikut jenis pengguna : <i>Distribution by public installations by type of consumers :</i>						
(i) Kediaman <i>Domestic</i>	18,693.2	5,168.1	18,916.2	5,291.1	20,301.4	5,872.7
(ii) Perniagaan <i>Commercial</i>	30,470.0	11,489.6	31,755.2	12,415.9	33,218.1	13,613.6
(iii) Perindustrian <i>Industrial</i>	40,531.6	11,556.8	41,830.1	12,470.7	42,488.7	13,146.8
(iv) Lampu awam <i>Public lighting</i>	1,075.6	217.2	1,139.1	237.8	1,234.7	265.7
(v) Jumlah <i>Total</i>	90,770.4	28,431.7	93,640.6	30,415.5	97,242.9	32,898.8
Tenaga elektrik yang dieksport <i>Electricity exported</i>	147.6	31.8	10.2	9.0	12.6	10.7
Kehilangan dalam pancaran dan perbezaan perangkaan <i>Losses in transmissions and statistical discrepancies</i>	11,889.9	n.a.	10,509.4	n.a.	11,185.5	n.a.
Jumlah <i>Total</i>	103,271.1	n.a.	104,623.4	n.a.	108,904.2	n.a.



ELEKTRIK
ELECTRICITY
13.12 TENAGA ELEKTRIK YANG DIBEKALKAN DAN DIGUNAKAN (SAMB.)
ELECTRICITY SUPPLIED AND CONSUMED (CONT'D.)

Transaksi <i>Transaction</i>	2010		2011		2012	
	Unit <i>Unit</i> Juta KWH <i>Million KWH</i>	Nilai <i>Value</i> RM juta <i>RM million</i>	Unit <i>Unit</i> Juta KWH <i>Million KWH</i>	Nilai <i>Value</i> RM juta <i>RM million</i>	Unit <i>Unit</i> Juta KWH <i>Million KWH</i>	Nilai <i>Value</i> RM juta <i>RM million</i>
SABAH						
Tenaga elektrik yang dijana <i>Electricity generated</i>	5,105.4	n.a.	5,514.0	n.a.	5,845.7	n.a.
Tenaga elektrik yang diimport <i>Electricity imported</i>	0.0	0.0	0.0	0.0	0.0	0.0
Jumlah bekalan <i>Total supply</i>	5,105.4	n.a.	5,514.0	n.a.	5,845.7	n.a.
Kegunaan tenaga elektrik : <i>Consumption of electricity :</i>						
Kegunaan sendiri oleh pemasangan swasta <i>Own consumption by private installations</i>	344.0	n.a.	338.6	n.a.	501.6	n.a.
Edaran oleh pemasangan awam mengikut jenis pengguna : <i>Distribution by public installations by type of consumers :</i>						
(i) Kediaman <i>Domestic</i>	1,268.0	290.0	1,332.0	317.0	1,436.0	361.0
(ii) Perniagaan <i>Commercial</i>	1,564.0	451.0	1,742.0	534.0	1,923.0	639.0
(iii) Perindustrian <i>Industrial</i>	1,168.0	277.0	1,146.0	290.0	1,038.0	294.0
(iv) Lampu awam <i>Public lighting</i>	51.0	15.0	55.0	14.0	59.0	11.0
(v) Jumlah <i>Total</i>	4,051.0	1,033.0	4,275.0	1,155.0	4,456.0	1,305.0
Tenaga elektrik yang dieksport <i>Electricity exported</i>	0.0	0.0	0.0	0.0	0.0	0.0
Kehilangan dalam pancaran dan perbezaan perangkaan <i>Losses in transmissions and statistical discrepancies</i>	710.4	n.a.	900.4	n.a.	888.1	n.a.
Jumlah <i>Total</i>	5,105.4	n.a.	5,514.0	n.a.	5,845.7	n.a.



13.12 TENAGA ELEKTRIK YANG DIBEKALKAN DAN DIGUNAKAN (SAMB.)
ELECTRICITY SUPPLIED AND CONSUMED (CONT'D.)

Transaksi <i>Transaction</i>	2010		2011		2012	
	Unit	Nilai	Unit	Nilai	Unit	Nilai
	Juta KWH <i>Million KWH</i>	RM juta <i>RM million</i>	Juta KWH <i>Million KWH</i>	RM juta <i>RM million</i>	Juta KWH <i>Million KWH</i>	RM juta <i>RM million</i>
SARAWAK						
Tenaga elektrik yang dijana <i>Electricity generated</i>	8,431.1	n.a.	8,975.2	n.a.	10,168.4	n.a.
Tenaga elektrik yang diimport <i>Electricity imported</i>	0.0	0.0	0.0	0.0	0.0	0.0
Jumlah bekalan <i>Total supply</i>	8,431.1	n.a.	8,975.2	n.a.	10,168.4	n.a.
Kegunaan tenaga elektrik : <i>Consumption of electricity :</i>						
Kegunaan sendiri oleh pemasangan swasta <i>Own consumption by private installations</i>	1,084.7	n.a.	1,224.3	n.a.	1,416.8	n.a.
Edaran oleh pemasangan awam mengikut jenis pengguna : <i>Distribution by public installations by type of consumers :</i>						
(i) Kediaman <i>Domestic</i>	1,335.3	416.4	1,423.6	443.8	1,584.1	494.6
(ii) Perniagaan <i>Commercial</i>	1,735.3	555.3	1,846.4	577.3	2,026.0	634.3
(iii) Perindustrian <i>Industrial</i>	1,702.5	422.8	3,300.5	560.5	3,912.1	636.6
(iv) Lampu awam <i>Public lighting</i>	63.7	30.0	66.5	31.3	73.0	34.3
(v) Jumlah <i>Total</i>	4,836.7	1,424.5	6,637.0	1,613.0	7,595.1	1,799.9
Tenaga elektrik yang dieksport <i>Electricity exported</i>	0.0	0.0	0.0	0.0	0.0	0.0
Kehilangan dalam pancaran dan perbezaan perangkaan <i>Losses in transmissions and statistical discrepancies</i>	2,509.7	n.a.	1,113.9	n.a.	1,156.5	n.a.
Jumlah <i>Total</i>	8,431.1	n.a.	8,975.2	n.a.	10,168.4	n.a.

Sumber : Tenaga Nasional Berhad

Source :

Sabah Electricity Sdn. Bhd. (SESb)

Sarawak Energy Berhad (SEB)

Pengeluar Tenaga Bebas
Independent Power Producers



INDEKS
*INDEX***13.13 INDEKS PENGELUARAN PERINDUSTRIAN**
INDEX OF INDUSTRIAL PRODUCTION
(2005 = 100)

Keterangan Bahagian <i>Division Description</i>	Wajaran <i>Weights</i>	2008	2009	2010	2011	2012	% Perubahan <i>Change</i> 2012/2011
Indeks keseluruhan <i>Overall index</i>	100.00	108.1	99.9	107.1	108.4	113.1	4.4
Perlombongan <i>Mining</i>	30.61	99.1	95.5	93.9	87.1	89.3	2.5
Pembuatan <i>Manufacturing</i>	63.51	112.2	100.9	112.1	117.2	123.1	5.0
Elektrik <i>Electricity</i>	5.88	110.5	111.4	121.2	123.6	129.9	5.1



13.14 INDEKS PENGELUARAN PERINDUSTRIAN - SEKTOR PEMBUATAN
INDEX OF INDUSTRIAL PRODUCTION - MANUFACTURING SECTOR
(2005 = 100)

Kumpulan Group	Wajaran Weights	2009	2010	2011	2012	% Perubahan Change 2012/2011
Pembuatan <i>Manufacturing</i>	63.51	100.9	112.1	117.2	123.1	5.0
1 Pengeluaran, prosesan dan pengawetan daging, ikan, buah-buahan, sayur-sayuran, minyak dan lemak <i>Production, processing and preserving of meat, fish, fruit, vegetable, oils and fats</i>	2.63	115.6	113.6	124.2	123.6	-0.5
2 Pembuatan produk tenusu <i>Manufacture of dairy products</i>	0.49	158.3	135.8	102.5	166.3	62.2
3 Pembuatan produk bijian, kanji dan produk kanji dan makanan haiwan tersedia <i>Manufacture of grain mill products, starches and starch products and prepared animal feeds</i>	0.40	129.3	130.0	141.1	138.6	-1.7
4 Pembuatan produk makanan lain <i>Manufacture of other food products</i>	1.14	127.7	144.0	165.7	168.1	1.4
5 Pembuatan minuman <i>Manufacture of beverages</i>	0.83	114.5	150.4	163.0	158.0	-3.0
6 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	0.24	87.5	88.2	98.6	109.0	10.6
7 Pemintalan, penenunan dan penyiapan tekstil <i>Spinning, weaving and finishing of textiles</i>	0.46	78.5	78.7	76.2	78.1	2.5
8 Pembuatan kain dan artikel yang dikait dan dikrusye <i>Manufacture of knitted and crocheted fabrics and articles</i>	0.15	82.7	96.7	84.8	64.6	-23.8
9 Pembuatan pakaian kecuali pakaian bulu <i>Manufacture of wearing apparel, except fur apparel</i>	0.52	84.0	87.5	111.4	98.3	-11.7
10 Pembuatan kasut <i>Manufacture of footwear</i>	0.08	62.4	63.6	78.1	87.4	11.8
11 Pengilangan dan pengetaman kayu <i>Sawmilling and planing of wood</i>	0.65	70.2	69.3	65.6	75.0	14.5
12 Pembuatan produk kayu, gabus bahan jerami dan bahan jalinan <i>Manufacture products of wood, cork, straw and plaiting materials</i>	1.38	89.7	105.1	99.4	96.8	-2.6
13 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	0.81	101.9	112.0	117.5	124.8	6.3
14 Percetakan dan aktiviti perkhidmatan berkaitan dengan percetakan <i>Printing and service activities related to printing</i>	0.57	131.2	145.4	173.1	151.4	-12.5
15 Pembuatan produk petroleum bertapis <i>Manufacture of refined petroleum products</i>	10.01	116.5	113.7	120.7	125.9	4.3
16 Pembuatan bahan kimia asas <i>Manufacture of basic chemicals</i>	7.19	100.4	105.4	102.5	110.5	7.8



13.14 INDEKS PENGELUARAN PERINDUSTRIAN - SEKTOR PEMBUATAN (SAMB.)
INDEX OF INDUSTRIAL PRODUCTION - MANUFACTURING SECTOR (CONT'D.)
(2005 = 100)

Kumpulan <i>Group</i>	Wajaran <i>Weights</i>	2009	2010	2011	2012	% Perubahan <i>Change</i> 2012/2011
17 Pembuatan produk kimia lain <i>Manufacture of other chemical products</i>	1.67	104.1	162.3	209.3	221.2	5.7
18 Pembuatan produk getah <i>Manufacture of rubber products</i>	1.93	118.0	140.3	156.5	161.5	3.2
19 Pembuatan produk plastik <i>Manufacture of plastic products</i>	2.18	124.8	125.2	151.2	170.1	12.5
20 Pembuatan kaca dan produk kaca <i>Manufacture of glass and glass products</i>	0.46	95.4	133.0	159.0	148.2	-6.7
21 Pembuatan produk galian bukan logam yang t.t.t.l. <i>Manufacture of non-metallic mineral products n.e.c.</i>	1.45	100.5	118.1	144.5	157.7	9.1
22 Pembuatan besi asas dan keluli <i>Manufacture of basic iron and steel</i>	1.04	79.4	100.6	105.9	101.1	-4.5
23 Pembuatan logam asas berharga dan logam asas bukan ferus <i>Manufacture of basic precious and non-ferrous metals</i>	0.52	115.9	131.3	125.3	115.5	-7.9
24 Pembuatan produk struktur logam, tangki, takungan dan penjana wap <i>Manufacture of structural metal products, tanks, reservoirs and steam generators</i>	0.46	263.6	260.0	371.5	473.9	27.6
25 Pembuatan produk logam lain yang direka; aktiviti perkhidmatan kerja logam <i>Manufacture of other fabricated metal products, metal working service activities</i>	1.34	103.9	134.3	149.3	163.9	9.8
26 Pembuatan jentera untuk kegunaan am <i>Manufacture of general purpose machinery</i>	0.89	101.7	134.6	132.6	122.1	-7.9
27 Jentera untuk kegunaan khusus <i>Special purpose machinery</i>	0.36	88.0	138.6	199.5	225.0	12.8
28 Pembuatan peralatan domestik yang t.t.t.l <i>Manufacture of domestic appliances n.e.c.</i>	0.35	54.2	55.2	65.1	57.2	-12.2
29 Pembuatan mesin pejabat, perakaunan dan pengira <i>Manufacture of office, accounting and computing machinery</i>	5.29	85.1	67.7	50.0	46.6	-6.8
30 Pembuatan motor, penjana dan transformer elektrik <i>Manufacture of electrical motors, generators and transformers</i>	0.23	43.6	57.3	49.2	50.8	3.4
31 Perkakas pengagih dan pengawal elektrik <i>Electricity distribution and control apparatus</i>	0.23	102.4	193.1	219.8	215.9	-1.7
32 Pembuatan wayar penebat dan kabel berpenebat <i>Manufacture of insulated wire and cables</i>	0.58	85.2	140.9	167.2	150.9	-9.8
33 Akumulator, sel primer dan bateri primer <i>Accumulators, primary cells and primary batteries</i>	0.14	108.0	164.6	183.1	267.3	46.0



13.14 INDEKS PENGELUARAN PERINDUSTRIAN - SEKTOR PEMBUATAN (SAMB.)
INDEX OF INDUSTRIAL PRODUCTION - MANUFACTURING SECTOR (CONT'D.)
(2005 = 100)

Kumpulan <i>Group</i>	Wajaran <i>Weights</i>	2009	2010	2011	2012	% Perubahan <i>Change</i> 2012/2011
34 Lampu elektrik dan kelengkapan pencahayaan <i>Electric lamps and lighting equipment</i>	0.23	101.1	127.0	127.0	151.0	18.9
35 Kelengkapan elektrik lain t.t.t.l <i>Other electrical equipment n.e.c.</i>	0.20	117.4	96.3	95.7	97.8	2.2
36 Pembuatan injap dan tiub elektronik dan komponen-komponen elektronik lain <i>Manufacture of electronic valves and tubes and other electronic components</i>	8.27	85.8	101.2	95.6	103.1	7.8
37 Pembuatan pemancar televisyen dan radio dan peralatan untuk talian telefon dan telegraf <i>Manufacture of television and radio transmitters and apparatus for line telephony and line telegraphy</i>	1.23	46.3	55.1	61.6	70.4	14.3
38 Pembuatan penerima televisyen dan radio, rakaman bunyi atau video atau peralatan rakaman semula dan barangan berkaitan <i>Manufacture of television and radio receivers, sound or video recording or reproducing apparatus and associated goods</i>	2.49	81.6	136.6	142.5	135.4	-5.0
39 Pembuatan perkakasan dan instrumen perubatan dan perkakasan untuk menyukat, memeriksa, menguji, memandu arah dan kegunaan lain, kecuali instrumen optik <i>Manufacture medical appliances and instruments appliances for measuring, checking, testing, navigating and other purposes, except optical instruments</i>	0.45	186.3	164.1	171.7	170.7	-0.6
40 Pembuatan instrumen optik dan kelengkapan fotografi <i>Manufacture of optical instruments and photographic equipment</i>	0.25	39.5	58.0	40.2	34.4	-14.4
41 Pembuatan jam tangan dan jam <i>Manufacture of watches and clocks</i>	0.10	95.1	40.2	38.5	47.2	22.5
42 Pembuatan kenderaan bermotor <i>Manufacture of motor vehicles</i>	1.39	86.5	100.2	95.1	105.7	11.1
43 Badan (coachwork) untuk kenderaan bermotor; treler dan semi-treler <i>Bodies (coachwork) for motor vehicles; trailers and semi-trailers</i>	0.12	130.5	252.7	241.8	211.9	-12.4
44 Pembuatan alat ganti dan aksesori untuk kenderaan bermotor dan enjin <i>Manufacture of parts and accessories for motor vehicles and their engines</i>	0.69	134.3	161.5	150.3	149.2	-0.7
45 Pembinaan dan pembaikan kapal dan bot <i>Building and repairing ships and boats</i>	0.25	57.3	142.5	110.3	227.7	106.4
46 Pembuatan kelengkapan pengangkutan yang t.t.t.l <i>Manufacture of transport equipment n.e.c.</i>	0.30	113.9	144.7	185.6	214.3	15.5
47 Perabot <i>Furniture</i>	0.84	58.1	63.8	58.9	75.5	28.3

