

## 5.4 Indeks Pengeluaran Perindustrian (2000=100)<sup>1/</sup> Index of Industrial Production (2000=100)<sup>1/</sup>

Tempoh / Period	Semua bahagian <i>All divisions</i>	Perlom-bongan <sup>2/</sup> <i>Mining<sup>2/</sup></i>	Elektrik <sup>3/</sup> <i>Electri-city<sup>3/</sup></i>	Per-kilangan <sup>4/</sup> <i>Manufac-turing<sup>4/</sup></i>	Industri berorientasikan eksport / <i>Export-oriented industries</i>											Industri berorientasikan pasaran tempatan / <i>Domestic-oriented industries</i>									
					Jumlah <i>Total</i>	Keluaran elektronik dan elektrik <i>Electronic and electrical products</i>	Antaranya: <i>Of which:</i>		Bahan kimia dan keluaran kimia <i>Chemicals and chemical products</i>	Keluaran petroleum <sup>5/</sup> <i>Petroleum products<sup>5/</sup></i>	Tekstil dan pakaian <i>Textiles and wearing apparel</i>	Kayu dan keluaran kayu <i>Wood and wood products</i>	Keluaran getah <i>Rubber products</i>	Pemrosesan di luar estet <i>Off-estate processing</i>	Lain-lain <i>Others</i>	Jumlah <i>Total</i>	Keluaran galian bukan logam <i>Non-metallic mineral products</i>	Besi dan keluli <i>Iron and steel</i>	Pembuatan makanan <i>Food manufacturing</i>	Kelengkapan pengangkutan <i>Transport equipment</i>	Keluaran logam yang direka <i>Fabricated metal products</i>	Keluaran kertas <i>Paper products</i>	Minuman <i>Beverages</i>	Keluaran tembakau <i>Tobacco products</i>	
							Elektronik <i>Elec-tronics</i>	Elektrik <i>Electricals</i>																	
Wajaran / <i>Weight</i>	100.0	23.37	5.96	70.67	0.80	0.41	0.27	0.14	0.13	0.11	0.04	0.04	0.03	0.03	0.01	0.20	0.05	0.02	0.04	0.03	0.03	0.02	0.01	0.00	
2007	136.0	113.6	158.4	141.5	141.7	137.8	162.4	89.7	157.2	169.0	81.0	113.5	151.8	137.7	126.0	141.0	117.4	124.8	148.8	139.0	186.5	149.5	122.3	85.9	
2007 Suku 1/ 1st qtr.	131.0	112.9	152.0	135.3	136.8	131.2	152.4	89.6	156.3	168.8	75.7	111.5	153.8	114.4	117.3	129.3	107.0	111.0	143.8	122.5	166.4	141.1	119.2	86.9	
Suku ke 2/ 2nd qtr.	134.2	111.2	160.3	139.6	138.9	132.0	153.8	89.4	159.6	170.5	83.4	117.3	148.0	122.6	131.1	142.2	120.0	127.7	147.3	135.6	195.2	148.4	114.6	89.1	
Suku ke 3/ 3rd qtr.	138.6	111.3	162.1	145.7	145.4	145.1	171.7	93.1	158.4	159.6	85.1	113.8	154.9	155.6	125.6	146.8	123.1	127.9	154.2	149.7	191.9	153.4	122.7	94.0	
Suku ke 4/ 4th qtr.	140.2	119.1	159.4	145.6	145.6	142.9	171.6	86.7	154.5	177.2	79.7	111.4	150.5	158.4	130.0	145.8	119.7	132.5	150.1	148.2	192.6	155.0	132.8	73.7	
2008 Suku 1/ 1st qtr.	138.7	117.1	158.8	144.2	143.1	135.2	158.3	90.1	163.0	182.6	79.9	110.4	157.5	137.4	125.0	148.4	120.1	131.9	156.5	154.0	192.9	155.8	133.3	93.9	
Suku ke 2/ 2nd qtr.	138.8	110.7	165.6	145.8	142.2	135.9	158.2	92.4	163.6	167.2	82.2	111.3	158.7	144.8	138.0	160.2	128.2	147.6	165.6	174.4	212.2	158.7	122.5	94.9	
Suku ke 3/ 3rd qtr.	139.4	111.3	162.1	146.8	144.3	139.1	160.0	98.3	170.7	156.9	77.4	109.7	159.1	161.1	153.8	157.0	132.1	138.1	163.3	189.4	178.5	155.7	141.9	94.6	
2007 Jan./ Jan.	133.0	117.7	154.3	136.2	137.9	132.1	152.2	92.9	158.5	165.2	78.1	114.1	163.2	119.3	115.5	129.3	109.8	111.9	142.5	121.4	161.2	139.5	141.2	88.7	
Feb./ Feb.	124.4	104.8	138.7	129.7	131.9	127.3	148.3	86.2	150.0	167.6	71.0	101.6	141.2	106.1	109.2	120.9	98.3	104.5	132.5	117.2	158.5	131.8	110.9	72.2	
Mac/ Mar.	135.7	116.2	162.9	139.8	140.4	134.0	156.7	89.8	160.3	173.5	78.0	118.8	156.8	117.7	127.3	137.7	112.8	116.7	156.3	129.0	179.4	151.9	106.6	99.9	
Apr./ Apr.	130.8	108.6	158.4	135.8	135.2	128.1	150.2	84.9	153.1	168.8	83.5	111.6	148.9	118.8	128.9	138.1	118.5	124.3	146.8	122.1	189.7	145.4	118.9	81.7	
Mei/ May	136.2	115.7	165.5	140.6	139.3	128.7	148.7	89.7	163.1	178.1	85.4	120.9	148.0	126.6	132.6	145.5	120.1	137.0	152.5	136.6	200.6	151.2	112.5	85.9	
Jun/ Jun.	135.5	109.2	156.9	142.4	142.3	139.2	162.5	93.6	162.7	164.7	81.3	119.5	147.1	122.4	131.6	143.1	121.4	121.9	142.5	148.2	195.3	148.5	112.3	99.7	
Jul./ Jul.	138.2	112.4	164.9	144.5	143.6	140.4	164.3	93.8	163.4	162.9	84.8	114.2	153.7	140.3	127.7	148.2	127.8	128.4	149.0	152.4	196.0	157.6	108.3	98.2	
Ogos/ Aug.	138.4	109.8	163.2	145.8	145.5	144.5	171.3	92.1	157.9	160.0	87.9	115.5	154.2	161.3	125.9	147.2	122.7	128.9	157.0	146.8	189.5	157.6	127.3	99.6	
Sep./ Sep.	139.2	111.7	158.1	146.6	147.0	150.2	179.4	93.3	154.0	156.1	82.5	111.7	156.7	165.3	123.3	145.2	118.8	126.3	156.5	150.1	190.2	145.2	132.7	84.3	
Okt./ Oct.	136.9	118.9	160.1	140.8	141.2	134.9	160.1	85.9	156.3	172.5	78.1	108.9	149.9	160.6	134.5	139.6	114.0	122.8	144.5	140.2	190.6	149.4	121.8	62.0	
Nov./ Nov.	139.7	114.8	159.1	146.3	145.4	143.5	169.7	92.3	150.5	175.1	77.1	113.6	148.7	168.7	138.8	149.8	120.4	143.8	151.8	160.6	191.9	158.6	124.2	80.5	
Dis./ Dec.	144.1	123.4	159.0	149.7	150.2	150.2	185.1	82.0	156.8	183.9	84.0	111.6	152.8	145.8	116.6	148.0	124.7	130.8	154.0	143.8	195.3	157.2	152.3	78.5	
2008 Jan./ Jan.	143.0	121.9	165.9	148.0	146.6	138.2	162.3	91.1	167.6	187.3	78.9	122.1	152.6	147.7	120.2	153.4	122.9	144.7	157.4	147.0	200.7	164.1	196.1	94.0	
Feb./ Feb.	132.7	111.1	149.3	138.5	138.5	131.5	154.7	86.2	160.5	174.1	76.4	100.0	154.0	128.2	123.9	138.4	114.3	117.7	150.3	138.6	184.4	145.4	105.1	83.5	
Mac/ Mar.	140.5	118.2	161.2	146.1	144.3	136.0	158.0	93.0	160.9	186.2	84.5	109.1	165.9	136.4	130.8	153.5	123.2	133.3	161.9	176.5	193.7	157.7	98.7	104.1	
Apr./ Apr.	137.6	110.3	164.7	144.3	141.3	135.6	157.4	92.9	162.5	164.5	82.4	110.2	160.8	138.4	135.3	156.5	120.1	146.6	161.8	176.9	207.6	154.7	109.2	97.8	
Mei/ May	140.2	113.5	169.7	146.5	142.4	133.6	154.1	93.5	166.1	173.9	83.5	113.1	154.8	147.7	135.9	162.8	125.2	151.4	167.5	169.1	230.7	164.1	124.1	88.5	
Jun/ Jun.	138.6	108.3	162.4	146.7	143.0	138.5	163.0	90.7	162.3	163.1	80.8	110.6	160.4	148.3	142.7	161.3	139.2	144.8	167.5	177.1	198.2	157.2	134.2	98.4	
Jul./ Jul.	141.5	115.9	167.1	147.8	144.4	139.8	160.3	99.7	170.3	153.9	80.7	112.2	161.8	158.5	152.9	161.0	132.9	141.4	160.3	196.6	188.9	166.9	144.5	95.7	
Ogos/ Aug.	140.0	111.5	164.4	147.4	144.3	138.0	158.5	98.0	173.1	155.4	78.9	110.9	161.4	163.8	155.0	159.6	132.9	143.1	167.6	194.3	179.8	152.1	151.3	100.0	
Sep./ Sep.	136.8	106.3	154.7	145.4	144.1	139.5	161.2	97.3	168.5	161.3	72.6	106.1	153.9	161.2	153.5	150.4	130.5	129.7	161.9	177.2	166.8	148.1	130.0	88.2	

1/ Bermula pada bulan Januari 2006, Indeks Pengeluaran Perindustrian telah disemak berasaskan 2000=100 (sebelumnya: 1993=100). Indeks ini meliputi sektor perlombongan, perindustrian dan elektrik mengikut definisi dalam Klasifikasi Standard Perindustrian Malaysia (MSCI) 2000.

2/ Sektor perlombongan meliputi pengeluaran minyak mentah, gas asli dan bijih timah padat, yang mencakupi 99.5% daripada nilai keluaran kasar dan 99.8% daripada nilai tambah dalam banci tahun 2000.

3/ Sektor elektrik meliputi penjana tenaga elektrik oleh loji yang disediakan untuk menjanakan serta menjual tenaga elektrik yang mencakupi 97.8% daripada jumlah tenaga elektrik, yang dijanakan pada tahun 2000.

4/ Berasaskan indeks baru ini, sektor perkilangan meliputi 86 industri daripada jumlah 197 industri, yang mencakupi 87.8% daripada nilai pengeluaran kasar dan 83.7% daripada nilai tambah dalam banci tahun 2000.

5/ Di bawah Indeks Pengeluaran Perindustrian (2000=100) yang baru, pemrosesan LNG telah diklasifikasikan sebagai keluaran petroleum (sebelum ini diklasifikasikan sebagai bahan kimia dan keluaran kimia). Keluaran petroleum kini dikategorikan di bawah industri berorientasikan eksport.

Nota: Kalendar siaran awal bagi kategori data ini boleh didapati di laman web DSBB-IMF (<http://dsbb.imf.org>).  
Sumber: Jabatan Perangkaan Malaysia

1/ Beginning January 2006, the Industrial Production Index has been re-based to 2000=100 (previously: 1993=100). This Index covers the mining, manufacturing and electricity sectors as defined in the Malaysian Standard Industrial Classification (MSCI) 2000.

2/ The mining sector covers the production of crude oil, natural gas, and tin-in-concentrates, which accounted for 99.5% of the value of gross output and 99.8% of the value-add in the 2000 census.

3/ The electricity sector covers the generation of electricity by plants licensed to generate as well as to sell electricity, which accounted for 97.8% of the total electricity generated in 2000.

4/ Based on the new index, the manufacturing sector includes 86 industries out of the 197 industries, which accounted for 87.8% of the value of gross output and 83.7% of the value-add in the 2000 census.

5/ Under the new Industrial Production Index (2000=100), LNG processing has been reclassified as petroleum products (previously classified as chemicals and chemical products). Petroleum products have now been categorised under export-oriented industries (previously: domestic-oriented industries).

Nota: An advance release calendar for this data category is published on the IMF's Dissemination Standards Bulletin Board (<http://dsbb.imf.org>).  
Source: Department of Statistics, Malaysia

**5.4.1 Indeks Pengeluaran Perindustrian (2000=100)<sup>1/</sup>**  
**Industrial Production Index (2000=100)<sup>1/</sup>**

Tempoh / Period	Semua bahagian  All divisions	Perlom-bongan <sup>2/</sup>  Mining <sup>2/</sup>	Elektrik <sup>3/</sup>  Electri-city <sup>3/</sup>	Per-kilangan <sup>4/</sup>  Manufac-turing <sup>4/</sup>	Industri berorientasikan eksport / Export-oriented industries											Industri berorientasikan pasaran tempatan / Domestic-oriented industries								
					Jumlah  Total	Keluaran elektronik dan elektrik  Electronic and electrical products	Antaranya: Of which:		Bahan kimia dan keluaran kimia  Chemicals and chemical products	Keluaran petroleum <sup>5/</sup>  Petroleum products <sup>5/</sup>	Tekstil dan pakaian  Textiles and wearing apparel	Kayu dan keluaran kayu  Wood and wood products	Keluaran getah  Rubber products	Pemprosesan di luar estet  Off-estate processing	Lain-lain  Others	Jumlah  Total	Keluaran galian bukan logam  Non-metallic mineral products	Besi dan keluli  Iron and steel	Pembuatan makanan  Food manufacturing	Kelengkapan pengangkutan  Transport equipment	Keluaran logam yang direka  Fabricated metal products	Keluaran kertas  Paper products	Minuman  Beverages	Keluaran tembakau  Tobacco products
							Elektronik	Elektrik																
							Elec-tronics	Electricals																
Perubahan tahunan dalam % / Annual change in %																								
2007	2.1	2.2	3.9	1.8	0.7	-0.9	1.5	-8.7	1.8	5.4	-9.3	-0.3	5.9	-0.5	5.5	6.8	0.4	14.5	7.6	-6.0	19.4	11.0	8.3	2.8
2007 Suku 1/ 1st qtr.	0.6	-0.8	3.7	0.7	-0.2	-5.5	-4.0	-10.3	7.3	5.0	-10.4	2.4	16.9	-1.3	12.9	4.9	-1.2	12.9	16.2	-21.9	21.9	17.5	-1.2	2.7
Suku ke 2/ 2nd qtr.	1.5	6.1	4.6	0.0	-1.6	-5.8	-4.0	-11.1	1.3	11.3	-12.7	3.7	2.7	-12.7	4.8	6.8	2.1	17.6	7.6	-12.8	22.0	10.8	22.0	3.7
Suku ke 3/ 3rd qtr.	1.7	0.8	3.0	1.8	1.1	2.1	3.9	-3.9	0.3	1.9	-5.9	-3.7	3.4	-0.3	-3.4	4.6	0.0	13.6	0.1	-0.6	15.0	5.0	-0.6	5.2
Suku ke 4/ 4th qtr.	4.4	2.9	4.3	4.8	3.3	5.5	10.3	-9.5	-1.4	3.7	-9.6	-3.2	1.6	12.0	9.5	10.9	0.7	13.7	8.3	15.3	19.0	12.0	16.8	-1.0
2008 Suku 1/ 1st qtr.	5.9	3.7	4.5	6.6	4.7	3.1	3.9	0.5	4.3	8.2	5.6	-1.0	2.4	20.2	6.5	14.8	12.3	18.8	8.9	25.7	16.0	10.4	11.8	8.0
Suku ke 2/ 2nd qtr.	3.4	-0.4	3.3	4.5	2.4	3.0	2.9	3.3	2.5	-2.0	-1.4	-5.2	7.2	18.1	5.3	12.6	6.8	15.6	12.4	28.5	18.7	6.9	6.9	6.5
Suku ke 3/ 3rd qtr.	0.6	0.0	0.0	0.8	-0.7	-4.1	-6.8	5.6	7.7	-1.7	-9.0	-3.6	2.7	3.5	22.4	6.9	7.3	8.0	5.9	26.5	-7.0	1.5	15.6	0.6
2007 Jan./ Jan.	3.0	1.6	8.1	2.9	2.1	-0.8	-1.8	2.5	2.4	2.0	-9.9	1.4	32.4	17.4	19.9	6.2	0.7	16.2	19.4	-25.4	32.2	17.3	-9.0	9.5
Feb./ Feb.	1.2	-0.4	-0.1	1.7	1.4	-4.3	-0.3	-15.4	9.2	12.3	-11.9	2.2	10.6	-5.9	15.6	3.2	-1.9	12.7	11.3	-20.0	20.7	9.0	-8.2	-2.8
Mac/ Mar.	-2.1	-3.4	3.0	-2.2	-3.8	-10.9	-9.1	-16.4	10.8	1.4	-9.6	3.5	9.2	-11.6	5.2	5.3	-2.5	10.0	17.7	-20.2	15.0	26.1	22.8	1.2
Apr./ Apr.	0.5	-1.1	4.0	0.6	-1.5	-6.7	-4.5	-13.5	3.0	12.2	-2.7	1.8	0.9	-14.0	8.5	9.7	4.2	21.7	13.0	-21.1	27.8	30.3	34.4	2.1
Mei/ May	3.2	16.5	6.8	-0.2	-2.0	-6.4	-4.5	-12.1	-0.4	15.3	-19.4	2.7	2.7	-12.7	4.6	6.8	0.1	25.5	12.1	-12.5	16.6	4.9	34.4	4.8
Jun./ Jun.	0.7	3.6	3.1	-0.2	-1.3	-4.3	-3.1	-7.9	1.5	6.5	-9.8	6.6	4.7	-11.4	1.5	4.2	2.1	6.4	-1.4	-5.0	22.4	1.6	2.6	4.2
Jul./ Jul.	1.6	1.0	3.8	1.6	0.3	-0.9	-1.3	0.5	1.9	3.4	-5.1	0.8	3.5	-3.2	-1.1	6.9	3.9	14.4	0.7	1.7	20.9	8.1	-17.0	2.2
Ogos/ Aug.	0.7	-1.6	2.7	1.1	0.3	2.6	4.4	-3.3	-4.2	0.3	-5.7	-5.1	2.2	1.3	-2.4	4.2	1.4	14.5	-2.3	-0.6	12.1	6.7	3.1	6.5
Sep./ Sep.	2.9	3.2	2.5	2.9	2.9	4.6	8.7	-8.4	3.5	1.9	-7.0	-6.5	4.5	0.6	-6.7	2.7	-5.2	11.8	2.1	-2.8	12.3	0.3	13.9	7.3
Okt./ Oct.	4.4	3.0	7.4	4.5	3.6	5.7	9.1	-5.0	0.4	1.3	-1.8	-6.3	5.1	11.5	11.3	8.2	-3.1	12.1	7.4	7.1	18.8	7.5	25.7	7.0
Nov./ Nov.	2.9	2.2	3.1	3.1	1.5	2.9	6.9	-9.2	-2.3	4.6	-20.7	-2.2	-1.5	6.9	15.4	-9.7	0.3	10.6	-8.1	16.8	16.0	10.9	-1.7	1.1
Dis./ Dec.	5.8	3.3	2.4	6.8	4.9	8.0	14.6	-14.0	-2.4	5.1	-4.3	-1.0	1.4	19.1	1.5	15.0	4.7	19.0	9.5	22.6	22.4	18.0	29.5	-8.4
2008 Jan./ Jan.	7.5	3.6	7.5	8.7	6.3	4.6	6.6	-1.9	5.8	13.4	1.0	7.0	-6.5	23.8	4.1	18.6	11.9	29.4	10.4	21.2	24.5	17.6	38.9	6.0
Feb./ Feb.	6.7	6.0	7.6	6.8	5.0	3.3	4.3	-0.1	7.0	3.9	7.5	-1.6	9.1	20.9	13.5	14.4	16.2	12.6	13.4	18.2	16.4	10.4	-5.2	15.7
Mac/ Mar.	3.5	1.8	-1.0	4.5	2.8	1.5	0.9	3.6	0.4	7.4	8.4	-8.2	5.8	16.0	2.8	11.5	9.2	14.2	3.6	36.8	8.0	3.8	-6.5	4.2
Apr./ Apr.	5.2	1.6	4.0	6.3	4.5	5.9	4.8	9.5	6.1	-2.5	-1.3	-1.3	8.0	16.5	5.0	13.4	1.4	17.9	10.2	44.9	9.4	6.4	-8.1	19.6
Mei/ May	2.9	-2.0	2.6	4.3	2.3	3.8	3.6	4.3	1.9	-2.4	-2.2	-6.5	4.5	16.7	2.5	11.9	4.3	10.6	9.8	23.8	15.0	8.5	10.3	3.1
Jun./ Jun.	2.3	-0.8	3.5	3.0	0.5	-0.5	0.3	-3.1	-0.3	-0.9	-0.6	-7.4	9.1	21.1	8.4	12.7	14.7	18.8	17.5	19.5	1.5	5.9	19.5	-1.3
Jul./ Jul.	2.3	3.1	1.3	2.2	0.6	-0.5	-2.4	6.3	4.3	-5.5	-4.9	-1.8	5.3	13.0	19.8	8.6	4.0	10.1	7.6	29.0	-3.7	6.0	33.4	-2.6
Ogos/ Aug.	1.1	1.6	0.8	1.1	-0.8	-4.5	-7.5	6.3	9.6	-2.9	-10.2	-3.9	4.7	1.5	23.1	8.5	8.3	11.1	6.8	32.4	-5.1	-3.4	18.9	0.4
Sep./ Sep.	-1.7	-4.8	-2.2	-0.9	-2.0	-7.1	-10.2	4.3	9.4	3.4	-12.0	-5.0	-1.8	-2.5	24.5	3.6	9.9	2.7	3.5	18.1	-12.3	2.1	-2.0	4.6

1/ Bermula pada bulan Januari 2006, Indeks Pengeluaran Perindustrian telah disemak berasaskan 2000=100 (sebelumnya: 1993=100). Indeks ini meliputi sektor perlombongan, perindustrian dan elektrik mengikut definisi dalam Klasifikasi Standard Perindustrian Malaysia (MSCI) 2000.

2/ Sektor perlombongan meliputi pengeluaran minyak mentah, gas asli dan bijih timah padat, yang mencakupi 99.5% daripada nilai keluaran kasar dan 99.8% daripada nilai tambah dalam banci tahun 2000.

3/ Sektor elektrik meliputi penjanaan tenaga elektrik oleh loji yang dlesenkan untuk menandakan serta menjual tenaga elektrik yang mencakupi 97.8% daripada jumlah tenaga elektrik, yang dijanakan pada tahun 2000.

4/ Berasaskan indeks baru ini, sektor perkilangan meliputi 86 industri daripada jumlah 197 industri, yang mencakupi 87.8% daripada nilai pengeluaran kasar dan 83.7% daripada nilai tambah dalam banci tahun 2000.

5/ Di bawah Indeks Pengeluaran Perindustrian (2000=100) yang baru, pemrosesan LNG telah diklasifikasikan sebagai keluaran petroleum (sebelum ini diklasifikasikan sebagai bahan kimia dan keluaran kimia). Keluaran petroleum kini dikategorikan di bawah industri berorientasikan eksport.

1/ Beginning January 2006, the Industrial Production Index has been re-based to 2000=100 (previously: 1993=100). This Index covers the mining, manufacturing and electricity sectors as defined in the Malaysian Standard Industrial Classification (MSCI)2000.

2/ The mining sector covers the production of crude oil, natural gas, and tin-in-concentrates, which accounted for 99.5% of the value of gross output and 99.8% of the value-add in the 2000 census.

3/ The electricity sector covers the generation of electricity by plants licensed to generate as well as to sell electricity, which accounted for 97.8% of the total electricity generated in 2000.

4/ Based on the new index, the manufacturing sector includes 86 industries out of the 197 industries, which accounted for 87.8% of the value of gross output and 83.7% of the value-add in the 2000 census.

5/ Under the new Industrial Production Index (2000=100), LNG processing has been reclassified as petroleum products (previously classified as chemicals and chemical products). Petroleum products have now been categorised under export-oriented industries (previously: domestic-oriented industries).