

## 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>	Pemprosesan 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>	Keleng-kapan 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>Electronics</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	0.02	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	
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	105.6	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	163.3	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.	139.6	111.5	164.4	146.9	143.8	137.4	158.2	96.8	172.0	155.0	78.9	112.2	161.1	163.2	155.1	159.1	131.7	141.3	166.6	192.3	181.6	155.8	151.3	92.7	

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 penjaan tenaga elektrik oleh loji yang dilesenkan untuk menjanakan serta menjual tenaga elektrik yang mencakupi 97.8% daripada jumlah tenaga elektrik, yang djanakan 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 <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>	Keleng-kapan pengang-kutan <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>																
Perubahan tahunan dalam % / <i>Annual change in %</i>																								
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	-1.2	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	8.7	6.9	6.9	6.5
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.	0.9	1.6	0.8	0.7	-1.2	-4.9	-7.6	5.0	8.9	-3.1	-10.2	-2.8	4.5	1.2	23.2	8.1	7.3	9.7	6.1	31.1	-4.2	-1.1	18.9	-6.9

1/ Bermula pada bulan Januari 2006, Indeks Pengeluaran Perindustrian telah disemak berasaskan 2000=100 (sebelumnya: 1993=100). Indeks ini meliputi sektor pertambangan, perindustrian dan elektrik mengikut definisi dalam Klasifikasi Standard Perindustrian Malaysia (MSCI) 2000.  
2/ Sektor pertambangan 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 penajaan tenaga elektrik oleh loji yang dilesenkan untuk menajankan 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.

Note: 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).

Note: 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