

VI.4 Indeks Pengeluaran Perindustrian

Index of Industrial Production

Tempoh / Period	Industri berorientasikan eksport / Export-oriented industries															Industri berorientasikan pasaran tempatan / Domestic-oriented industries										
	Semua bahagian All divisions	Perlom-bongan ¹ Mining ¹	Elektrik ² Electricity ²	Per-kilangan ³ Manufacturing ³	Jumlah Total	Keluaran elektronik dan elektrik Electronic and electrical products	Antaranya: Of which:		Tekstil dan pakaian Textiles and wearing apparel	Kayu dan keluaran kayu Wood and wood products	Bahan kimia dan keluaran kimia Chemicals and chemical products	Keluaran getah Rubber products	Pemrosesan di luar estet Off-estate processing	Lain-lain Others	Jumlah Total	Keluaran galian bukan logam Non-metallic mineral products	Logam asas Basic metals	Kelelgapan pengangkutan Transport equipment	Pembuatan makanan Food manufacturing	Keluaran logam yang direka Fabricated metal products	Keluaran kertas Paper products	Keluaran tembakau Tobacco products	Minuman Beverages	Keluaran petroleum Petroleum products		
							Elektronik Electronics	Elektrik Electricals																		
Wajaran / Weight	100.0	22.15	7.44	70.41	73.2	33.0	20.0	13.0	5.6	7.6	15.5	4.6	5.6	1.3	26.8	5.0	4.0	3.6	4.0	4.5	2.0	1.0	0.9	1.8		
1993	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
1994	112.4	103.6	113.8	114.9	115.4	121.7	119.2	126.0	109.1	104.2	112.8	115.4	108.2	114.0	113.6	113.1	114.8	119.8	106.1	117.0	116.5	98.8	115.4	112.3		
1995	127.1	112.8	129.9	131.2	132.0	146.9	145.0	149.8	114.9	110.5	125.9	130.5	113.7	117.5	129.2	125.5	129.5	163.1	113.8	127.6	127.2	100.8	127.6	127.9		
1996	141.1	119.4	146.5	147.3	146.1	159.9	163.3	154.6	114.9	123.1	150.5	145.0	125.3	114.9	150.4	156.2	151.6	199.5	118.8	157.1	121.0	108.3	147.5	144.2		
1997	156.1	122.3	167.3	165.6	165.2	181.6	200.5	151.9	121.0	121.1	187.3	149.9	137.6	113.6	166.8	172.0	171.5	228.0	123.3	175.8	136.7	129.8	147.2	157.1		
1998	144.9	123.6	173.0	148.6	156.7	167.6	192.1	129.5	114.6	107.4	183.8	161.7	133.9	111.9	126.3	126.4	121.6	109.1	120.7	145.6	124.8	118.0	129.9	139.1		
1999	158.0	119.7	179.7	167.8	177.6	193.9	232.8	133.0	119.2	99.6	215.3	167.5	167.0	110.6	141.2	129.7	157.4	167.4	127.6	144.0	140.8	99.8	126.6	138.7		
2000	188.3	119.4	190.7	209.7	223.3	272.4	337.2	171.2	129.6	103.6	247.9	174.2	186.6	129.1	172.1	156.3	183.5	199.3	148.3	192.6	162.0	174.9	134.2	166.3		
2001	180.4	122.7	207.1	195.8	200.1	229.2	269.1	166.6	118.8	104.9	228.7	180.0	200.9	106.2	184.1	171.3	182.3	237.1	154.7	200.0	165.0	164.4	138.5	198.3		
2002	188.8	124.9	228.5	204.7	210.2	247.8	305.2	158.2	111.4	98.6	235.0	183.5	215.1	115.1	190.4	180.0	186.6	251.9	168.2	201.7	186.2	148.0	121.9	190.2		
2002 Suku 1/ 1st qtr.	179.1	123.3	214.8	192.9	197.6	233.4	290.4	144.4	105.7	90.5	224.6	175.1	193.4	95.9	180.3	169.4	172.4	253.4	164.8	183.0	160.6	134.6	118.5	190.0		
Suku ke 2/ 2nd qtr.	185.4	113.6	231.4	203.2	205.9	251.4	308.6	162.0	107.8	98.7	215.9	179.4	196.2	123.2	186.3	184.7	202.7	268.5	164.6	216.7	190.2	144.3	116.3	170.8		
Suku ke 3/ 3rd qtr.	195.3	127.6	236.4	212.2	218.4	255.1	309.4	170.2	110.9	102.3	248.3	189.4	231.4	124.8	196.2	184.8	185.4	266.0	163.3	210.5	195.0	165.8	128.1	203.9		
Suku ke 4/ 4th qtr.	195.2	135.1	231.5	210.3	218.7	251.3	312.2	156.0	121.3	102.8	251.2	190.3	239.3	116.4	188.5	181.0	185.8	219.7	180.2	196.4	198.9	147.3	124.8	196.3		
2003 Suku 1/ 1st qtr.	192.2	130.3	230.9	207.5	213.5	246.3	315.3	138.2	106.6	94.4	261.5	191.8	202.0	107.0	191.9	186.3	201.3	236.7	173.8	190.1	184.9	156.9	145.6	193.6		
Suku ke 2/ 2nd qtr.	201.5	130.7	244.4	219.3	225.2	258.3	327.6	149.9	110.7	98.0	266.2	199.9	249.8	120.2	204.7	205.8	206.2	232.1	171.7	245.7	187.3	150.5	126.7	200.1		
2002 Jan./ Jan.	175.9	127.6	220.0	186.4	187.8	217.1	263.6	144.3	107.4	82.7	220.7	166.6	189.7	87.6	183.0	167.5	169.9	249.2	160.3	204.2	157.8	121.3	170.4	194.0		
Feb./ Feb.	180.0	117.1	194.0	198.4	206.5	248.5	310.9	150.8	105.0	96.4	232.3	181.0	189.1	94.0	176.2	171.0	162.3	245.5	166.7	172.7	158.2	134.6	99.2	195.8		
Mac/ Mar.	181.4	125.1	230.5	193.9	198.5	234.8	296.6	138.1	104.8	92.4	220.7	177.6	201.3	105.9	181.6	169.8	185.0	265.4	167.5	172.2	165.9	148.0	85.9	180.1		
Apr./ Apr.	188.5	117.9	225.7	206.8	208.9	249.7	305.1	110.8	102.4	102.4	229.2	184.0	196.9	127.0	201.4	182.1	216.0	282.1	172.3	222.3	188.0	137.8	103.2	176.8		
Mei/ May	189.4	104.9	237.8	210.9	213.8	263.9	323.2	171.1	112.4	103.1	218.4	183.5	203.6	127.4	203.9	192.2	212.5	278.8	166.2	227.8	200.2	143.0	127.0	171.8		
Jun/ Jun.	178.4	118.1	230.7	191.9	195.0	240.7	297.6	151.8	100.1	90.7	200.1	170.5	188.2	115.1	184.1	179.8	179.5	244.7	155.3	200.0	182.4	152.2	118.8	163.9		
Jul/ Jul.	198.5	129.6	241.2	215.7	219.9	257.6	308.8	177.6	110.0	104.2	251.6	196.1	219.5	129.2	205.1	199.9	191.8	286.7	156.3	225.2	197.4	153.9	131.6	219.8		
Ogos/ Aug.	192.1	126.2	238.7	207.9	214.2	248.2	296.7	172.2	106.6	99.3	250.5	182.5	226.8	115.9	191.7	178.0	186.5	258.2	162.2	202.2	190.1	167.7	130.1	196.0		
Sep/ Sep.	195.2	127.0	229.3	213.1	221.1	259.4	322.6	160.6	116.1	103.3	242.8	189.5	247.9	129.1	191.8	176.5	177.9	253.2	171.4	204.1	197.6	175.9	122.7	195.8		
Ok./ Oct.	199.6	135.9	239.7	215.4	222.4	257.7	309.6	176.5	118.2	106.5	248.7	188.4	251.8	131.9	197.3	181.8	183.7	261.6	183.6	204.5	210.7	186.4	124.6	185.1		
Nov/ Nov.	191.1	131.8	228.7	205.8	214.1	249.8	309.9	155.9	112.6	101.7	241.6	187.7	228.7	111.4	184.4	179.3	186.5	218.2	172.3	193.2	196.2	116.8	117.9	191.3		
Dis./ Dec.	194.9	137.7	226.0	209.7	219.7	246.4	317.2	135.8	133.2	100.1	263.4	195.0	237.5	105.9	183.9	181.9	187.3	179.3	184.8	191.5	189.8	138.6	131.9	212.5		
2003 Jan./ Jan.	183.6	136.5	238.5	192.5	196.1	222.0	280.7	130.1	110.7	86.9	241.7	175.5	192.6	98.7	183.6	175.1	183.2	247.3	166.5	173.4	180.9	146.5	155.4	186.8		
Feb./ Feb.	195.4	121.9	209.6	217.0	225.4	263.2	339.3	144.3	107.1	99.7	272.1	211.2	204.1	111.1	194.6	186.7	205.9	229.9	179.1	196.3	187.0	166.6	148.1	198.8		
Mac/ Mar.	197.5	132.5	244.5	213.0	219.1	253.6	326.0	140.4	102.0	96.5	270.6	188.7	209.3	111.2	197.5	197.2	214.7	233.0	175.8	200.5	186.9	157.7	133.3	195.2		
Apr./ Apr.	200.1	129.4	241.5	218.0	222.4	257.3	326.8	148.5	111.9	100.6	259.7	193.8	236.8	125.0	207.5	209.2	208.2	235.1	178.8	248.1	179.4	145.0	137.3	206.2		
Mei/ May	210.7	132.9	249.2	231.2	239.0	276.4	352.2	157.8	113.5	102.7	279.0	211.1	269.8	121.6	211.7	216.9	216.8	233.0	171.2	256.3	202.3	139.1	129.5	211.5		
Jun/ Jun.	193.7	129.9	242.6	208.6	214.2	241.3	303.8	143.5	106.6	90.7	260.0	194.9	242.9	113.9	194.9	191.3	193.6	228.1	165.2	232.7	180.1	167.5	113.2	182.7		

1 Pengeluaran bagi Sektor Perlom-bongan meliputi pengeluaran bijih timah, tembaga, petroleum mentah dan gas asil, yang merupakan 99.2% daripada Nilai Ditambah bagi Sektor Perlom-bongan bagi tahun 1993.
2 Pengeluaran Sektor Kuasa Elektrik adalah melalui pengeluaran elektrik sektor awam yang merupakan lebih daripada 95.9% daripada jumlah pengeluaran kuasa elektrik pada tahun 1993.
3 Indeks ini telah disasarkan kepada tahun 1993 dan sekarang merujuk kepada pengeluaran 64 industri yang dipilih daripada 23 kumpulan utama yang meliputi 433 barangan. Industri yang terpilih merupakan 71.1% daripada Nilai Ditambah Sektor Perkilangan bagi tahun 1993.

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

1 The production of the Mining Sector is represented by the production of tin ore, copper ore, crude petroleum and natural gas, which accounted for 99.2% of the Census Value Added of the Mining Sector in 1993.
2 The production of the Electricity Sector is represented by the generation of electricity by the public sector which accounted for 95.9% of the total electricity generated in 1993.
3 This index was released to 1993 and now refers to the production of 64 industries selected from 23 major groups, covering 433 commodities. The selected industries accounted for 71.1% of the Value Added of the Manufacturing Sector in 1993.

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

Indeks Pengeluaran Perindustrian Index of Industrial Production

Tempoh / Period	Industri berorientasikan eksport / Export-oriented industries													Industri berorientasikan pasaran tempatan / Domestic-oriented industries											
	Semua bahagian <i>All divisions</i>	Pertombongan ¹ <i>Mining¹</i>	Elektrik ² <i>Electricity²</i>	Perkilangan ³ <i>Manufacturing³</i>	Jumlah <i>Total</i>	Keluaran elektronik dan elektrik <i>Electronic and electrical products</i>	Antaranya: <i>Of which:</i>		Tekstil dan pakaian <i>Textiles and wearing apparel</i>	Kayu dan keluaran kayu <i>Wood and wood products</i>	Bahan kimia dan keluaran kimia <i>Chemicals and chemical 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>	Logam asas <i>Basic metals</i>	Kelengkapan pengangkutan <i>Transport equipment</i>	Pembuatan makanan <i>Food manufacturing</i>	Keluaran logam yang direka <i>Fabricated metal products</i>	Keluaran kertas <i>Paper products</i>	Keluaran tembakau <i>Tobacco products</i>	Minuman <i>Beverages</i>	Keluaran petroleum <i>Petroleum products</i>	
							Elektronik <i>Electronics</i>	Elektrik <i>Electricals</i>																	
Perubahan tahunan dalam % / Annual change in %																									
1994	12.4	3.6	13.8	14.9	15.4	21.7	19.2	26.0	9.1	4.2	12.8	15.4	8.2	14.0	13.6	13.1	14.8	19.8	6.1	17.0	16.5	-1.2	15.4	12.3	
1995	13.1	8.9	14.1	14.2	14.4	20.7	21.6	18.9	5.3	6.0	11.6	13.1	5.1	3.1	13.7	11.0	12.8	36.1	7.3	9.1	9.2	2.0	10.6	13.9	
1996	11.0	5.9	12.8	12.3	10.7	8.8	12.6	3.2	0.0	11.4	19.5	11.1	10.2	-2.2	16.4	24.5	17.1	22.3	4.4	23.1	-4.9	7.4	15.6	12.7	
1997	10.6	2.4	14.2	12.4	13.0	13.6	22.8	-1.7	5.3	-1.6	24.5	3.4	9.8	-1.1	10.9	10.1	13.1	14.3	3.8	11.9	13.0	19.9	-0.2	8.9	
1998	-7.2	1.1	3.4	-10.3	-5.1	-7.7	-4.2	-14.7	-5.3	-11.3	-1.9	7.9	-2.7	-1.5	-24.3	-26.5	-29.1	-52.1	-2.1	-17.2	-8.7	-9.1	-11.8	-11.5	
1999	9.0	-3.2	3.9	12.9	13.3	15.7	21.2	2.7	4.0	-7.3	17.1	3.6	24.7	-1.2	11.8	2.6	29.4	53.4	5.7	-1.1	12.8	-15.4	-2.5	-0.3	
2000	19.2	-0.3	6.1	25.0	25.6	40.5	44.8	28.7	8.7	4.0	15.1	4.0	11.7	16.7	21.9	20.5	16.6	19.1	16.2	33.8	15.1	75.3	6.0	19.9	
2001	-4.2	2.8	8.6	-6.6	-10.4	-15.9	-20.2	-2.8	-8.3	1.2	-7.7	3.3	7.7	-17.7	7.0	9.6	-0.7	19.0	4.3	3.9	1.9	-6.0	3.2	19.3	
2002	4.6	1.8	10.3	4.5	5.0	8.1	13.4	-5.1	-6.2	-6.0	2.7	2.0	7.1	8.3	3.4	5.1	2.4	6.2	8.7	0.8	12.8	-10.0	-11.9	-4.1	
2002 Suku 1/ 1st qtr.	-2.0	-1.7	12.2	-3.4	-5.5	-3.0	-0.8	-9.3	-14.9	-15.4	-8.8	-4.5	1.0	-10.6	3.5	8.0	-3.3	18.0	12.4	-4.9	-2.1	-23.1	-1.9	3.4	
Suku ke 2/ 2nd qtr.	5.0	-6.0	10.7	6.5	6.0	14.1	23.6	-7.1	-6.5	-6.3	-2.0	-0.1	-2.8	11.7	8.2	7.1	10.1	13.0	8.9	11.6	17.8	-12.3	10.8	-11.6	
Suku ke 3/ 3rd qtr.	8.0	5.1	8.3	8.5	11.2	14.5	20.5	0.1	-7.1	-3.1	9.8	7.1	17.8	16.4	1.5	4.3	-2.0	3.2	3.5	-1.3	16.9	3.4	-25.6	-1.7	
Suku ke 4/ 4th qtr.	7.4	9.7	10.4	6.7	8.9	8.0	12.5	-4.2	4.4	1.0	13.1	5.5	12.0	16.3	0.6	1.3	4.7	-7.9	10.3	-1.9	18.7	-6.6	-20.0	-6.0	
2003 Suku 1/ 1st qtr.	7.3	5.7	7.5	7.6	8.0	5.5	8.6	-4.3	0.8	4.3	16.4	9.6	4.5	11.6	6.4	10.0	16.7	-6.6	5.5	3.8	15.1	16.6	22.9	1.9	
Suku ke 2/ 2nd qtr.	8.7	15.0	5.6	7.9	9.4	2.7	6.1	-7.5	2.7	-0.7	23.3	11.5	27.3	-2.4	4.2	11.4	1.7	-13.6	4.3	13.4	-1.5	4.3	8.9	17.1	
2002 Jan./ Jan.	-5.2	-0.5	19.0	-8.5	-13.2	-13.2	-14.3	-9.7	-18.3	-23.2	-13.6	-13.0	-0.2	-23.2	8.3	8.5	3.0	20.3	17.0	8.8	-0.1	-27.7	15.4	1.8	
Feb./ Feb.	1.9	-1.3	3.4	2.5	2.4	6.7	11.0	-4.9	-10.2	-5.8	-2.9	2.2	4.9	-9.2	2.8	12.4	-9.5	14.0	12.0	-10.8	4.3	-21.4	7.7	12.3	
Mac/ Mar.	-2.4	-3.3	14.2	-3.9	-5.1	-1.8	2.2	-13.2	-15.7	-16.8	-9.6	-2.1	-1.2	1.8	-0.2	3.6	-3.0	19.9	8.7	-12.2	-9.2	-20.5	-29.9	-3.2	
Apr./ Apr.	4.5	-3.9	12.1	5.3	3.8	10.4	17.7	-6.5	-8.5	-7.4	-1.6	-3.0	-2.3	11.6	9.8	7.3	20.6	21.3	14.1	8.3	11.8	-23.5	-0.1	-14.8	
Mei/ May	4.8	-15.5	11.9	8.0	7.5	17.4	25.5	-1.5	-3.6	-3.6	-4.3	1.8	-1.9	13.0	9.8	7.7	10.5	12.6	10.2	19.5	18.7	-15.5	4.4	-10.6	
Jun/ Jun.	5.7	2.2	8.3	6.1	6.6	14.6	28.1	-13.4	-7.3	-7.9	0.1	1.1	-4.5	10.4	5.0	6.3	-0.6	5.2	2.5	7.2	23.6	5.5	31.9	-9.1	
Jul./ Jul.	8.3	4.5	9.8	8.8	10.0	16.4	24.0	-0.2	-7.1	-6.1	3.4	6.6	13.2	19.4	6.0	10.5	-4.3	8.5	-1.5	10.1	20.1	0.8	6.0	4.5	
Ogos/ Aug.	6.5	5.9	7.1	6.6	10.0	12.0	16.5	1.5	-10.2	-4.6	11.5	9.9	15.5	4.8	-2.5	5.6	-1.1	-2.4	3.7	-15.6	18.3	-0.2	-22.5	-6.4	
Sep./ Sep.	9.2	5.0	7.9	10.3	13.7	14.9	21.2	-1.1	-4.1	1.7	15.2	13.9	4.9	24.4	25.9	-1.1	-3.1	-0.4	3.7	8.5	4.4	12.5	9.7	-45.4	-3.4
Okt./ Oct.	7.9	13.7	10.1	6.6	9.2	6.9	11.3	-3.6	-1.3	0.7	16.8	2.0	18.0	18.7	-0.2	1.9	-3.2	-5.6	5.2	3.6	14.4	7.6	-20.6	-13.6	
Nov./ Nov.	6.2	9.5	9.2	5.2	7.7	8.6	13.7	-4.7	0.4	2.2	9.6	5.0	4.9	13.0	-1.4	1.3	5.0	-9.4	3.9	-3.3	21.2	-25.0	-25.6	-6.5	
Dis./ Dec.	8.2	6.2	12.0	8.2	9.9	8.4	12.6	-4.5	14.0	0.2	12.8	9.8	13.3	17.1	3.6	0.8	13.4	-9.2	23.3	-5.8	21.2	-3.7	-13.5	2.3	
2003 Jan./ Jan.	4.4	7.0	8.4	3.3	4.4	2.2	6.5	-9.9	3.0	5.1	9.5	5.3	1.6	12.6	0.3	4.6	7.9	-0.8	3.9	-15.1	14.6	20.8	-8.8	-3.7	
Feb./ Feb.	8.6	4.1	8.0	9.4	9.1	5.9	9.1	-4.3	2.0	3.4	17.1	16.7	7.9	18.1	10.4	9.2	26.9	-6.4	7.5	13.7	18.2	23.8	49.3	1.5	
Mac/ Mar.	8.9	5.9	6.1	9.9	10.3	8.0	9.9	1.7	-2.6	4.4	22.6	6.3	4.0	5.0	8.7	16.1	16.0	-12.2	5.0	16.4	12.7	6.6	55.2	8.4	
Apr./ Apr.	6.2	9.8	7.0	5.4	6.4	3.0	7.1	-8.9	1.0	-1.8	13.3	5.3	20.3	-1.6	3.0	14.9	-3.6	-16.7	3.8	11.6	-4.6	5.2	33.0	16.7	
Mei/ May	11.2	26.7	4.8	9.6	11.8	4.7	9.0	-7.8	1.0	-0.4	27.7	15.1	32.5	-4.5	-7.8	3.8	12.9	2.0	-16.4	3.0	12.5	9.0	-2.7	2.0	23.1
Jun/ Jun.	8.6	10.0	5.2	8.7	9.8	0.2	2.1	-5.5	6.5	0.0	29.9	14.3	29.0	-1.0	5.8	6.4	7.9	-6.8	6.3	16.4	-1.3	10.1	-4.7	11.4	

1 Pengeluaran bagi Sektor Pertambangan meliputi pengeluaran bijih timah, tembaga, petroleum mentah dan gas asil, yang merupakan 99.2% daripada Nilai Ditambah bagi Sektor Pertambangan bagi tahun 1993.

2 Pengeluaran Sektor Kuasa Elektrik adalah melalui pengeluaran elektrik sektor awam yang merupakan lebih daripada 95.9% daripada jumlah pengeluaran kuasa elektrik pada tahun 1993.

3 Indeks ini telah diasaskan kepada tahun 1993 dan sekarang merujuk kepada pengeluaran 64 industri yang dipilih daripada 23 kumpulan utama yang meliputi 433 barangan. Industri yang terpilih merupakan 71.1% daripada Nilai Ditambah Sektor Perkilangan bagi tahun 1993.

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

1 The production of the Mining Sector is represented by the production of tin ore, copper ore, crude petroleum and natural gas, which accounted for 99.2% of the Census Value Added of the Mining Sector in 1993.

2 The production of the Electricity Sector is represented by the generation of electricity by the public sector which accounted for 95.9% of the total electricity generated in 1993.

3 This index was rebased to 1993 and now refers to the production of 64 industries selected from 23 major groups, covering 433 commodities. The selected industries accounted for 71.1% of the Value Added of the Manufacturing Sector in 1993.

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