



JABATAN PERDANA MENTERI
JABATAN PERANGKAAN MALAYSIA

SEMENANJUNG MALAYSIA
PENINSULAR MALAYSIA

SIARAN KHAS **2**
Special Release

(UNTUK KERJA-KERJA PEMBINAAN BANGUNAN DAN STRUKTUR)
(For Building and Structural Works)

MEI
MAY 2022

Pemakluman

Jabatan Perangkaan Malaysia (DOSM) sedang menjalankan Survei Pendapatan, Perbelanjaan Isi Rumah dan Kemudahan Asas (HIES/BA) 2022 bermula dari 1 Januari 2022 sehingga 31 Disember 2022 dan Survei Ekonomi Tahunan (AES) 2022 bermula dari 15 April 2022 sehingga 30 September 2022. DOSM amat menghargai kerjasama daripada responden yang terpilih untuk memberikan maklumat kepada DOSM serta menjayakan survei ini. Sila layari www.dosm.gov.my untuk maklumat lanjut.

Penerbitan statistik ekonomi dan sosial iaitu PocketStats yang mengandungi statistik suku tahunan dan tahunan boleh diperoleh dari portal DOSM atau melalui pautan https://bit.ly/PocketStatsS1_2022. Dimaklumkan bahawa Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober setiap tahun. Tema sambutan MyStats Day adalah "Connecting the World with Data We Can Trust".

Announcement

The Department of Statistics Malaysia (DOSM) is conducting the Household Income, Expenditure and Basic Amenities Survey (HIES/BA) 2022 from 1st January 2022 until 31st December 2022 and the Annual Economic Survey (AES) 2022 from 15th April 2022 until 30th September 2022. DOSM greatly appreciates the cooperation given by selected respondents by sharing their information with DOSM and making the survey a success. Please visit www.dosm.gov.my for more information.

Economic and social statistics publication namely PocketStats which contain quarterly and annual statistics can be obtained from the DOSM portal or via the link https://bit.ly/PocketStatsQ1_2022. Please be informed that the Government of Malaysia has declared National Statistics Day (MyStats Day) on October 20 each year. MyStats Day theme is "Connecting the World with Data We Can Trust".

JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA

Tarikh: **9** Jun **2022**
Date: **9** June **2022**

Diterbitkan dan dicetak oleh / Published and printed by:

Jabatan Perangkaan Malaysia

Department of Statistics, Malaysia

Blok C6, Kompleks C,

Pusat Pentadbiran Kerajaan Persekutuan,

62514 Putrajaya,

MALAYSIA

Tel. : 03-8885 7000

Faks : 03-8888 9248

Portal : <https://www.dosm.gov.my>

Facebook / Twitter / Instagram : StatsMalaysia

Emel / E-mail : info@dosm.gov.my (pertanyaan umum / *general enquiries*)
data@dosm.gov.my (pertanyaan & permintaan data /
data request & enquiries)

Harga / Price : RM2.00

Diterbitkan pada Jun 2022 / *Published on June 2022*

Hakcipta terpelihara / All rights reserved.

Tiada bahagian daripada terbitan ini boleh diterbitkan semula, disimpan untuk pengeluaran atau ditukar dalam apa-apa bentuk atau alat apa jua pun kecuali setelah mendapat kebenaran daripada Jabatan Perangkaan Malaysia. Pengguna yang mengeluarkan sebarang maklumat dari terbitan ini sama ada yang asal atau diolah semula hendaklah meletakkan kenyataan berikut:

“Sumber: Jabatan Perangkaan Malaysia”.

No part of this publication may be reproduced or distributed in any form or by any means or stored in data base without the prior written permission from Department of Statistics, Malaysia. Users reproducing content of this publication with or without adaptation should quote the following:

“Source: Department of Statistics, Malaysia.”

ISSN 0127 - 8576

KANDUNGAN CONTENTS

	Muka Surat <i>Page</i>
Ringkasan penemuan <i>Summary of findings</i>	5
Jadual 1A : Indeks kos bahan binaan bangunan (Julai 2017=100) mengikut kategori bangunan dan kawasan (tanpa bar keluli)	9
<i>Table 1A</i> : <i>Building materials cost index (July 2017=100) by category of building and region (without steel bars)</i>	
Jadual 1B : Indeks kos bahan binaan bangunan (Julai 2017=100) mengikut kategori bangunan dan kawasan (termasuk bar keluli)	12
<i>Table 1B</i> : <i>Building materials cost index (July 2017=100) by category of building and region (with steel bars)</i>	
Jadual 2 : Indeks harga seunit bagi:	15
<i>Table 2</i> : <i>Unit price index for:</i>	
- Simen / Cement	
- Besi / Steel	
- Batu bata & dinding / Bricks & wall	
- Kaca / Glass	
- Batu baur / Aggregates	
- Bahan siling / Ceiling materials	
- Bahan bumbung / Roofing materials	
- Kayu / Timber	
- Papan lapis / Plywood	
- Lengkapan kebersihan / Sanitary fittings	
- Jubin lantai & dinding / Floor & wall tiles	
- Bahan kerja paip / Plumbing materials	
- Keratan keluli & logam / Steel & metal sections	
- Pasir / Sand	
- Cat / Paints	

		Muka Surat
		<i>Page</i>
Jadual 3 <i>Table 3</i>	: Indeks harga seunit bagi: <i>: Unit price index for:</i>	20
<ul style="list-style-type: none"> - Cerucuk keping jenis 'U' / 'U' type sheet piles - Keratan geronggang segiempat sama / Square hollow sections - Keratan geronggang segiempat tepat / Rectangular hollow sections - Rasuk semesta / Universal beams - Gelegar keluli guling / Rolled steel joists - Sesiku sama / Equal angles - Sesiku tak sama / Unequal angles - Sesalur 'U' / 'U' channels - Sesalur bibir / Lipped channels 		
Nota teknikal <i>Technical notes</i>		25
Lampiran A <i>Appendix A</i>	Jadual faktor pelarasan (indeks tanpa bar keluli) <i>Adjustment factor table (index without steel bars)</i>	29
Lampiran B <i>Appendix B</i>	Jadual faktor pelarasan (indeks termasuk bar keluli) <i>Adjustment factor table (index with steel bars)</i>	30
Lampiran C <i>Appendix C</i>	Contoh mengira indeks lama IKB (Julai 2012=100) dengan menggunakan indeks baru IKB (Julai 2017=100) <i>Example for calculating the old BCI (July 2012=100) using the new index BCI (July 2017=100)</i>	31
Lampiran D <i>Appendix D</i>	Sasaran Tarikh Pengumuman Siaran Khas 2 (Untuk Kerja-kerja Pembinaan Bangunan dan Struktur), Semenanjung Malaysia, 2022 <i>Scheduled Release Dates for Special Release 2 (For Building and Structural Works), Peninsular Malaysia, 2022</i>	32

RINGKASAN PENEMUAN

INDEKS KOS BAHAN BINAAN BANGUNAN (JULAI 2017=100) MEI 2022

Semenanjung Malaysia

Indeks Kos Bahan Binaan bagi semua kawasan di Semenanjung Malaysia merekodkan peningkatan di antara 7.8 dan 15.6 peratus bagi semua kategori bangunan pada Mei 2022 berbanding pada bulan sebelumnya (**Jadual 1A dan Jadual 1B**).

Indeks harga seunit bahan binaan yang menunjukkan perubahan adalah Simen di kawasan E (3.4 mata); Besi di kawasan C (0.2 mata); Batu baur di kawasan A (2.0 mata); Pasir di kawasan A (0.2 mata), B (2.8 mata) dan F (3.2 mata); Batu bata & dinding di kawasan C (0.6 mata) dan D (1.4 mata); Bahan siling di kawasan B (2.2 mata) dan C (3.5 mata); Keratan keluli & logam di kawasan B (0.5 mata); Bahan kerja paip di kawasan B (0.5 mata) dan E (1.3 mata); Jubin lantai & dinding di kawasan B (1.2 mata), E (0.4 mata) dan F (4.0 mata); Lengkapan kebersihan di kawasan B (0.9 mata) dan E (2.1 mata); Kaca di kawasan A (2.3 mata); Cat di kawasan A (0.1 mata) dan E (2.4 mata) dan Kayu bagi semua kawasan di Semenanjung Malaysia (0.5 mata) (**Jadual 2**).

Indeks harga seunit bagi semua keluli struktur di Selangor dan W.P. Kuala Lumpur yang menunjukkan perubahan adalah Cerucuk Keping Jenis 'U' (0.2 mata), Keratan Geronggang segi Empat Sama (1.6 mata), Keratan Geronggang Segi Empat Tepat (1.8 mata), Rasuk Semesta (4.2 mata), Sesiku Sama (0.2 mata), Sesiku Tak Sama (1.3 mata), Sesalur U (0.3 mata) dan Sesalur Bibir (0.3 mata) (**Jadual 3**).

SUMMARY OF FINDINGS

BUILDING MATERIAL COST INDEX (JULY 2017=100)

MAY 2022

Peninsular Malaysia

The BCI for all region in Peninsular Malaysia recorded an increase between 7.8 and 15.6 per cent for all building categories in May 2022 as compared to the previous month (Table 1A and Table 1B).

The unit price indices of building materials that showed changes were Cement in regions E (3.4 points); Steel in regions C (0.2 points); Aggregates in regions A (2.0 points); Sand in regions A (0.2 points), B (2.8 points), and F (3.2 points); Bricks & wall in regions C (0.6 points) and D (1.4 points); Ceiling Materials in region B (2.2 points) and C (3.5 point); Steel & metal sections in regions B (0.5 points); Plumbing materials in B (0.5 points) and E (1.3 points); Floor & wall tiles in regions B (1.2 points), E (0.4 points) and F (4.0 points); Sanitary fittings in regions B (0.9 points) and E (2.1 points); Glass in regions A (2.3 points); Paints in regions A (0.1 points) and E (2.4 points) dan Timber for all areas in Peninsular Malaysia (0.5 points (Table 2).

The unit price indices for all structural steel in Selangor and W.P. Kuala Lumpur that showed changes were U type Sheet Piles (0.2 points), Square Hollow Sections (1.6 points), Rectangular Hollow Sections (1.8 points), Universal Beams (4.2 points), Equal Angles (0.2 points), Unequal Angles (1.3 points), U Channels (0.3 points) and Lipped Channels (0.3 points) (Table 3).

JADUAL

TABLE

Muka surat ini sengaja dibiarkan kosong.

This page is deliberately left blank.

Jadual 1A: Indeks kos bahan binaan bangunan mengikut kategori bangunan dan kawasan (tanpa bar keluli)
Table 1A: Building materials cost index by category of building and region (without steel bars)

(Julai 2017=100)
 (July 2017=100)

Kategori Bangunan <i>Category of Building</i>	Tempoh <i>Period</i>	Kawasan <i>Region</i>					
		A	B	C	D	E	F
1.A.1 Bangunan (K.T.) Satu Tingkat <i>Single - Storey (R.C.) Building</i>	2021 Mei	107.1	102.9	102.8	99.8	102.4	104.4
	Jun	107.7	104.0	103.1	100.0	102.7	105.0
	Jul	108.6	104.8	103.0	100.0	103.8	105.9
	Ogos	109.6	105.6	102.9	100.0	104.3	106.4
	Sep	110.1	106.8	103.3	100.1	105.0	107.0
	Okt	110.4	107.8	103.6	100.1	106.3	107.2
	Nov	111.6	109.1	104.8	100.6	107.7	108.0
	Dis	113.1	110.0	105.9	101.9	109.2	109.2
	2022 Jan	114.1	110.9	106.9	103.2	110.1	111.2
	Feb	114.7	111.6	108.1	104.1	111.2	112.3
	Mac	115.0	112.5	108.9	104.2	111.9	113.3
	Apr	117.2	114.4	111.2	105.1	114.2	116.2
	Mei	117.6	115.4	112.1	105.3	115.9	116.8
1.A.2 Bangunan (K.T.) 2-4 Tingkat (Berbumbung Rata) <i>2-4 Storey (R.C.) Building (Flat Roof)</i>	2021 Mei	107.2	100.3	103.0	98.1	99.2	102.4
	Jun	108.1	101.4	103.4	98.6	99.7	102.9
	Jul	109.1	102.1	103.4	98.5	100.9	104.2
	Ogos	110.3	102.9	103.2	98.5	101.5	104.8
	Sep	110.8	104.4	103.7	98.6	102.0	105.1
	Okt	111.1	105.2	103.9	98.6	103.1	105.3
	Nov	112.2	106.1	105.2	99.3	104.2	106.3
	Dis	113.6	107.0	106.4	100.5	105.5	107.4
	2022 Jan	114.3	107.6	107.1	101.6	106.1	109.1
	Feb	115.4	108.8	108.7	103.1	107.6	110.4
	Mac	115.6	109.4	109.3	103.1	108.1	111.4
	Apr	118.7	112.1	112.1	104.8	111.3	115.2
	Mei	119.0	113.0	112.7	105.0	113.2	115.7
1.A.3 Bangunan (K.T.) 2-4 Tingkat (Berbumbung Curam) <i>2-4 Storey (R.C.) Building (Pitched Roof)</i>	2021 Mei	107.8	100.9	103.3	98.8	99.8	103.0
	Jun	108.5	101.8	103.5	99.2	100.2	103.4
	Jul	109.6	102.5	103.5	99.1	101.6	104.7
	Ogos	110.8	103.2	103.3	99.1	102.3	105.2
	Sep	111.4	104.8	103.8	99.2	102.9	105.6
	Okt	111.6	105.8	104.1	99.2	104.2	105.7
	Nov	112.7	106.8	105.6	99.9	105.5	106.8
	Dis	114.2	107.7	106.7	101.2	106.9	108.0
	2022 Jan	114.9	108.4	107.6	102.3	107.5	109.7
	Feb	115.7	109.3	108.8	103.5	108.7	110.7
	Mac	115.9	109.8	109.4	103.5	109.1	111.6
	Apr	118.6	112.3	111.9	104.7	112.0	115.0
	Mei	118.8	113.2	112.6	104.9	113.9	115.5

Jadual 1A: Indeks kos bahan binaan bangunan mengikut kategori bangunan dan kawasan (tanpa bar keluli) (samb.)

Table 1A: Building materials cost index by category of building and region (without steel bars) (cont'd)

(Julai 2017=100)

(July 2017=100)

Kategori Bangunan Category of Building	Tempoh Period	Kawasan Region					
		A	B	C	D	E	F
1.A.4 Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Penginapan) 5 Storey and Above (R.C.) Building (For Accommodation)	2021 Mei	108.2	100.9	103.1	98.7	99.8	102.7
	Jun	109.0	101.8	103.4	99.0	100.2	103.0
	Jul	110.1	102.5	103.4	99.0	101.6	104.4
	Ogos	111.3	103.2	103.3	99.0	102.4	104.9
	Sep	111.8	104.7	103.8	99.1	102.9	105.2
	Okt	112.0	105.5	104.1	99.1	104.1	105.3
	Nov	113.3	106.6	105.6	99.8	105.4	106.4
	Dis	114.8	107.5	106.7	101.1	106.8	107.5
	2022 Jan	115.5	108.3	107.5	102.3	107.5	109.1
	Feb	116.2	109.1	108.8	103.5	108.6	110.0
	Mac	116.4	109.6	109.5	103.5	109.0	110.9
	Apr	119.2	112.1	112.0	104.8	112.0	114.0
	Mei	119.4	113.0	112.7	105.0	113.9	114.3
	1.A.5 Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Pejabat) 5 Storey and Above (R.C.) Building (For Office)	2021 Mei	108.5	100.9	104.0	98.6	99.8
Jun		109.3	102.0	104.3	99.0	100.2	103.7
Jul		110.4	102.9	104.3	99.0	101.5	105.3
Ogos		111.7	103.9	104.1	99.0	102.1	105.9
Sep		112.4	105.7	104.6	99.0	102.8	106.3
Okt		112.6	106.7	104.9	99.1	104.1	106.4
Nov		113.7	107.7	106.3	99.8	105.5	107.6
Dis		115.3	108.5	107.5	101.1	106.9	108.8
2022 Jan		115.9	109.0	108.3	102.2	107.5	110.5
Feb		116.7	110.0	109.6	103.3	108.8	111.6
Mac		116.9	110.7	110.4	103.4	109.3	112.7
Apr		119.8	113.3	112.8	104.7	112.3	116.4
Mei		120.1	114.2	113.6	104.8	114.4	116.9
1.A.6 Bangunan Kayu Timber Building		2021 Mei	104.9	104.9	104.4	104.5	105.0
	Jun	105.5	105.5	104.9	105.0	105.5	105.3
	Jul	104.9	105.0	104.3	104.4	105.0	104.8
	Ogos	105.2	105.2	104.4	104.5	105.3	105.0
	Sep	105.2	105.3	104.5	104.6	105.4	105.1
	Okt	105.2	105.4	104.5	104.6	105.6	105.1
	Nov	105.4	105.6	104.6	104.6	105.8	105.1
	Dis	106.8	107.0	106.0	106.1	107.3	106.5
	2022 Jan	110.6	110.8	109.8	109.9	111.1	110.3
	Feb	111.0	111.2	110.4	110.4	111.6	110.8
	Mac	111.0	111.4	110.5	110.4	111.6	110.9
	Apr	112.4	112.8	112.0	111.6	113.0	112.3
	Mei	112.9	113.4	112.7	112.1	113.6	112.7

Jadual 1A: Indeks kos bahan binaan bangunan mengikut kategori bangunan dan kawasan (tanpa bar keluli) (samb.)
Table 1A: Building materials cost index by category of building and region (without steel bars) (cont'd)

(Julai 2017=100)
 (July 2017=100)

Kategori Bangunan <i>Category of Building</i>	Tempoh <i>Period</i>	Kawasan <i>Region</i>					
		A	B	C	D	E	F
1.A.7 Cerucuk Kayu <i>Timber Piling</i>	2021 Mei	105.1	105.1	105.1	105.1	105.1	105.1
	Jun	105.6	105.6	105.6	105.6	105.6	105.6
	Jul	104.9	104.9	104.9	104.9	104.9	104.9
	Ogos	105.1	105.1	105.1	105.1	105.1	105.1
	Sep	105.1	105.1	105.1	105.1	105.1	105.1
	Okt	105.1	105.1	105.1	105.1	105.1	105.1
	Nov	105.1	105.1	105.1	105.1	105.1	105.1
	Dis	106.6	106.6	106.6	106.6	106.6	106.6
	2022 Jan	110.8	110.8	110.8	110.8	110.8	110.8
	Feb	111.1	111.1	111.1	111.1	111.1	111.1
	Mac	111.1	111.1	111.1	111.1	111.1	111.1
	Apr	112.4	112.4	112.4	112.4	112.4	112.4
	Mei	113.0	113.0	113.0	113.0	113.0	113.0
	1.A.8 Cerucuk K.T. <i>R.C. Piling</i>	2021 Mei	108.3	99.7	103.5	99.7	98.3
Jun		109.0	100.0	103.5	100.0	98.6	101.4
Jul		109.7	99.8	103.3	99.8	99.7	102.4
Ogos		111.5	99.9	103.2	99.9	100.8	102.6
Sep		112.2	101.4	103.7	99.9	100.8	102.6
Okt		112.8	102.0	103.9	99.9	101.7	102.6
Nov		114.1	102.3	105.2	100.7	102.6	103.8
Dis		115.7	103.0	106.4	101.6	103.4	105.4
2022 Jan		116.9	104.0	107.8	103.0	104.4	107.1
Feb		117.4	104.6	108.3	103.9	105.0	107.7
Mac		117.7	104.7	108.7	103.9	105.0	108.2
Apr		120.3	106.9	110.5	104.9	107.2	111.0
Mei		120.9	107.9	111.0	105.1	109.0	111.4

Jadual 1B: Indeks kos bahan binaan bangunan mengikut kategori bangunan dan kawasan (termasuk bar keluli)
Table 1B: Building materials cost index by category of building and region (with steel bars)

(Julai 2017=100)
 (July 2017=100)

Kategori bangunan <i>Category of building</i>	Tempoh <i>Period</i>	Kawasan <i>Region</i>					
		A	B	C	D	E	F
1.B.1 Bangunan (K.T.) Satu Tingkat Single - Storey (R.C.) Building	2021 Mei	111.0	107.7	104.9	101.5	107.5	106.1
	Jun	111.4	110.1	105.3	101.7	107.8	107.8
	Jul	112.9	112.2	105.3	101.6	109.9	109.5
	Ogos	113.7	113.8	105.2	101.6	110.3	110.1
	Sep	114.1	114.8	106.0	101.7	110.9	110.7
	Okt	114.3	116.7	106.9	101.7	111.9	110.8
	Nov	115.2	117.6	108.8 ^r	102.6	113.0	111.4
	Dis	116.4	118.3	110.7 ^r	104.9	114.1	112.3
	2022 Jan	117.2	119.0	112.9 ^r	106.4	114.8	113.8
	Feb	118.5	119.8	115.6	109.8	117.2	115.2
	Mac	119.0	121.2	117.1	110.2	117.6	116.6
	Apr	121.9	122.7	119.4	110.9	120.0	119.5
	Mei	122.3	123.4	120.2	111.1	121.7	120.3
	1.B.2 Bangunan (K.T.) 2-4 Tingkat (Berbumbung Rata) 2-4 Storey (R.C.) Building (Flat Roof)	2021 Mei	113.9	109.9	106.5	101.8	109.7
Jun		114.3	113.2	107.1	102.1	109.9	108.8
Jul		116.5	116.3	107.1	102.0	112.9	111.3
Ogos		117.2	118.4	107.0	102.0	113.2	112.0
Sep		117.5	119.4	108.2	102.1	113.6	112.4
Okt		117.6	121.9	109.5	102.1	114.2	112.4
Nov		118.3	122.4	112.0 ^r	103.3	115.0	113.0
Dis		119.2	122.9	114.7 ^r	106.3	115.7	113.7
2022 Jan		119.5	123.2	117.5 ^r	107.9	116.0	114.6
Feb		121.7	124.4	121.6	113.4	119.6	116.4
Mac		122.3	126.0	123.4	114.1	119.9	117.9
Apr		126.1	127.6	126.1	115.1	122.8	121.5
Mei		126.6	128.1	126.6	115.2	124.6	122.3
1.B.3 Bangunan (K.T.) 2-4 Tingkat (Berbumbung Curam) 2-4 Storey (R.C.) Building (Pitched Roof)		2021 Mei	113.6	109.3	106.4	101.9	109.0
	Jun	114.0	112.3	106.8	102.1	109.2	108.5
	Jul	116.0	115.1	106.8	102.0	112.1	110.9
	Ogos	116.8	117.0	106.7	102.0	112.6	111.6
	Sep	117.1	118.1	107.9	102.1	113.0	111.9
	Okt	117.3	120.6	109.0	102.1	113.8	112.0
	Nov	118.0	121.2	111.5 ^r	103.3	114.7	112.7
	Dis	119.0	121.7	114.0 ^r	106.2	115.5	113.4
	2022 Jan	119.4	122.1	116.7 ^r	107.7	115.9	114.4
	Feb	121.2	123.2	120.3	112.6	119.1	116.0
	Mac	121.8	124.7	122.1	113.3	119.3	117.4
	Apr	125.3	126.1	124.6	114.0	122.0	120.8
	Mei	125.8	126.7	125.1	114.2	123.9	121.5

Jadual 1B: Indeks kos bahan binaan bangunan mengikut kategori bangunan dan kawasan (termasuk bar keluli) (samb.)
Table 1B: Building materials cost index by category of building and region (with steel bars) (cont'd)

(Julai 2017=100)
 (July 2017=100)

Kategori bangunan <i>Category of building</i>	Tempoh <i>Period</i>	Kawasan <i>Region</i>					
		A	B	C	D	E	F
1.B.4 Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Penginapan) <i>5 Storey and Above (R.C.) Building (For Accommodation)</i>	2021 Mei	114.9	110.9	106.9	102.4	110.7	106.6
	Jun	115.2	114.3	107.4	102.6	110.9	109.3
	Jul	117.5	117.5	107.4	102.5	114.1	111.9
	Ogos	118.2	119.7	107.3	102.5	114.5	112.6
	Sep	118.5	120.6	108.6	102.6	114.9	112.9
	Okt	118.6	123.3	110.0	102.6	115.6	113.0
	Nov	119.3	123.8	112.7 ^r	103.9	116.4	113.6
	Dis	120.2	124.3	115.5 ^r	107.1	117.1	114.2
	2022 Jan	120.5	124.7	118.4 ^r	108.7	117.4	115.0
	Feb	122.6	125.7	122.6	114.4	121.0	116.6
	Mac	123.3	127.4	124.5	115.2	121.2	118.1
	Apr	126.9	128.7	127.1	115.9	124.0	121.4
	Mei	127.4	129.1	127.6	116.0	125.8	122.1
	1.B.5 Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Pejabat) <i>5 Storey and Above (R.C.) Building (For Office)</i>	2021 Mei	115.0	110.9	107.3	102.3	110.7
Jun		115.4	114.4	107.8	102.5	110.9	109.7
Jul		117.7	117.8	107.8	102.5	114.1	112.3
Ogos		118.4	120.1	107.7	102.5	114.4	113.2
Sep		118.8	121.1	109.0	102.6	114.9	113.5
Okt		118.9	123.9	110.4	102.6	115.6	113.6
Nov		119.5	124.4	113.1 ^r	103.9	116.5	114.2
Dis		120.4	124.8	115.9 ^r	107.1	117.2	114.8
2022 Jan		120.7	125.1	118.8 ^r	108.6	117.5	115.7
Feb		122.8	126.2	123.0	114.3	121.1	117.4
Mac		123.5	128.0	125.0	115.1	121.4	119.1
Apr		127.3	129.3	127.5	115.8	124.1	122.6
Mei		127.7	129.8	128.0	115.9	126.1	123.4
1.B.6 Bangunan Kayu <i>Timber Building</i>		2021 Mei	104.9	104.9	104.4	104.5	105.0
	Jun	105.5	105.5	104.9	105.0	105.5	105.3
	Jul	104.9	105.0	104.3	104.4	105.0	104.8
	Ogos	105.2	105.2	104.4	104.5	105.3	105.0
	Sep	105.2	105.3	104.5	104.6	105.4	105.1
	Okt	105.2	105.4	104.5	104.6	105.6	105.1
	Nov	105.4	105.6	104.6 ^r	104.6	105.8	105.1
	Dis	106.8	107.0	106.0 ^r	106.1	107.3	106.5
	2022 Jan	110.6	110.8	109.8 ^r	109.9	111.1	110.3
	Feb	111.0	111.2	110.4	110.4	111.6	110.8
Mac	111.0	111.4	110.5	110.4	111.6	110.9	
Apr	112.4	112.8	112.0	111.6	113.0	112.3	
Mei	112.9	113.4	112.7	112.1	113.6	112.7	

Jadual 1B: Indeks kos bahan binaan bangunan mengikut kategori bangunan dan kawasan (termasuk bar keluli) (samb.)
Table 1B: Building materials cost index by category of building and region (with steel bars) (cont'd)

(Julai 2017=100)
 (July 2017=100)

Kategori bangunan <i>Category of building</i>	Tempoh <i>Period</i>	Kawasan <i>Region</i>						
		A	B	C	D	E	F	
1.B.7 Cerucuk Kayu <i>Timber Piling</i>	2021 Mei	105.1	105.1	105.1	105.1	105.1	105.1	
	Jun	105.6	105.6	105.6	105.6	105.6	105.6	
	Jul	104.9	104.9	104.9	104.9	104.9	104.9	
	Ogos	105.1	105.1	105.1	105.1	105.1	105.1	
	Sep	105.1	105.1	105.1	105.1	105.1	105.1	
	Okt	105.1	105.1	105.1	105.1	105.1	105.1	
	Nov	105.1	105.1	105.1 ^f	105.1	105.1	105.1	
	Dis	106.6	106.6	106.6 ^f	106.6	106.6	106.6	
	2022 Jan	110.8	110.8	110.8 ^f	110.8	110.8	110.8	
	Feb	111.1	111.1	111.1	111.1	111.1	111.1	
	Mac	111.1	111.1	111.1	111.1	111.1	111.1	
	Apr	112.4	112.4	112.4	112.4	112.4	112.4	
	Mei	113.0	113.0	113.0	113.0	113.0	113.0	
	1.B.8 Cerucuk K.T. <i>R.C. Piling</i>	2021 Mei	112.3	106.1	105.7	101.6	105.4	104.2
		Jun	112.8	108.1	105.9	101.8	105.6	105.7
Jul		114.3	109.7	105.7	101.7	107.8	107.5	
Ogos		115.6	110.8	105.6	101.8	108.6	107.9	
Sep		116.1	112.0	106.6	101.8	108.7	108.0	
Okt		116.5	113.7	107.5	101.8	109.4	108.0	
Nov		117.5	114.0	109.6 ^f	102.9	110.0	108.9	
Dis		118.7	114.5	111.7 ^f	105.1	110.6	110.0	
2022 Jan		119.5	115.2	114.3 ^f	106.7	111.4	111.3	
Feb		120.9	116.0	116.8	110.3	113.6	112.4	
Mac		121.4	116.9	118.0	110.8	113.6	113.3	
Apr		124.7	118.5	120.1	111.6	115.9	116.3	
Mei		125.3	119.1	120.5	111.7	117.6	117.0	

Jadual 2: Indeks harga seunit bagi simen, besi, batu bata & dinding, kaca, batu baur, bahan siling, bahan bumbung, kayu, papan lapis,engkapan kebersihan, jubin lantai & dinding, bahan kerja paip, keratan keluli & logam, pasir dan cat

Table 2: Unit price index for cement, steel, bricks & wall, glass, aggregates, ceiling materials, roofing materials, timber, plywood, sanitary fittings, floor & wall tiles, plumbing materials, steel & metal sections, sand and paints

(Julai 2017=100)
(July 2017=100)

Bahan Item	Tempoh Period	Kawasan Region					
		A	B	C	D	E	F
Bahan Binaan							
<i>Building Materials</i>							
2.1 Simen <i>Cement</i>	2021 Mei Jun Jul Ogos Sep Okt Nov Dis 2022 Jan Feb Mac Apr Mei	110.0	96.7	106.3	100.6	96.1	102.2
		109.7	96.7	105.9	100.6	96.1	101.6
		110.8	96.7	105.9	100.6	98.9	104.2
		112.9	96.7	105.4	100.6	101.5	104.6
		113.8	100.3	106.5	100.6	101.5	104.6
		113.8	101.5	106.9	100.6	103.5	104.6
		115.3	102.3	109.7	102.4	105.4	107.3
		117.5	102.9	111.2	103.2	106.4	109.0
		117.7	102.9	111.9	103.5	106.4	110.0
		117.7	102.9	111.9	103.5	106.4	110.1
		117.7	102.9	112.4	103.5	106.4	110.4
		120.5	105.2	113.9	103.5	109.3	114.0
		120.7	106.4	114.3	103.5	113.0	114.0
2.2 Besi <i>Steel</i>	2021 Mei Jun Jul Ogos Sep Okt Nov Dis 2022 Jan Feb Mac Apr Mei	121.9	121.6	110.9	106.3	122.3	110.8
		121.9	127.5	111.6	106.3	122.3	116.0
		125.4	133.6	111.6	106.3	127.5	119.9
		125.5	137.2	111.6	106.3	127.5	120.8
		125.5	137.5	113.7	106.3	127.8	121.2
		125.5	142.2	116.2	106.3	127.8	121.2
		125.6	142.2	120.2 ^f	108.2	128.0	121.3
		125.9	142.2	124.7 ^f	113.5	128.0	121.3
		125.9	142.2	130.0 ^f	119.8 ^f	128.0	121.3
		129.3	143.4	137.2	125.9	134.2	123.6
		130.5	146.3	140.5	127.5	134.2	125.8
		135.1	146.3	143.1	127.7	136.7	129.2
		135.9	146.3	143.4	127.7	138.5	130.4
2.3 Batu Bata & Dinding <i>Bricks & Wall</i>	2021 Mei Jun Jul Ogos Sep Okt Nov Dis 2022 Jan Feb Mac Apr Mei	111.4	101.9	102.8	94.6	100.1	108.3
		111.4	102.6	102.6	94.6	100.8	108.1
		114.6	102.6	102.6	94.6	102.7	108.5
		115.4	103.4	102.7	94.6	104.1	109.0
		115.8	103.4	103.2	95.2	104.7	109.5
		115.9	103.6	103.4	95.3	105.3	109.9
		116.2	104.8	105.3	95.3	106.1	110.2
		116.4	108.7	106.6	97.8	107.3	111.2
		116.9	111.9	107.3	102.6	108.1	111.6
		116.9	112.1	109.0	104.3	108.1	111.6
		116.9	112.5	110.4	104.3	108.4	113.7
		119.1	112.6	113.9	104.8	111.8	113.9
		119.4	112.8	114.6	106.2	111.8	114.1

Jadual 2: Indeks harga seunit bagi simen, besi, batu bata & dinding, kaca, batu baur, bahan siling, bahan bumbung, kayu, papan lapis, lengkapan kebersihan, jubin lantai & dinding, bahan kerja paip, keratan keluli & logam, pasir dan cat (samb.)

Table 2: Unit price index for cement, steel, bricks & wall, glass, aggregates, ceiling materials, roofing materials, timber, plywood, sanitary fittings, floor & wall tiles, plumbing materials, steel & metal sections, sand and paints (cont'd)

		(Julai 2017=100) (July 2017=100)					
Bahan Item	Tempoh Period	Kawasan Region					
		A	B	C	D	E	F
Bahan Binaan							
<i>Building Materials</i>							
2.4 Kaca <i>Glass</i>	2021 Mei Jun Jul Ogos Sep Okt Nov Dis 2022 Jan Feb Mac Apr Mei	96.0	109.3	111.6	98.7	101.9	112.8
		96.0	109.3	111.6	98.7	101.9	112.8
		96.0	109.3	111.6	98.7	101.9	112.8
		96.0	109.3	111.6	98.7	101.9	115.1
		96.0	109.3	111.6	98.7	101.9	119.5
		96.0	109.3	111.6	98.7	101.9	121.0
		99.4	109.3	115.1	98.7	101.9	121.1
		103.2	110.1	118.6	100.1	101.9	121.4
		105.7	110.1	122.8	104.1	103.6	121.4
		105.7	110.1	124.8	105.6	105.1	123.8
		108.7	113.2	127.3	106.1	105.1	123.8
		112.5	115.1	131.5	106.1	105.1	123.8
		115.1	118.7	131.5	106.2	105.1	123.8
		2.5 Batu Baur <i>Aggregates</i>	2021 Mei Jun Jul Ogos Sep Okt Nov Dis 2022 Jan Feb Mac Apr Mei	108.8	96.8	96.5	93.7
109.2	96.8			95.7	93.7	96.1	100.8
109.2	96.8			95.0	93.7	96.1	100.8
115.2	96.8			95.3	93.7	96.1	100.8
116.6	97.2			95.3	93.7	96.1	100.8
119.8	97.2			95.9	93.7	96.1	100.8
122.9	97.2			95.9	93.7	96.1	100.8
124.5	97.2			95.9	93.9	96.1	104.2
124.5	97.2			96.6	95.9	96.1	104.2
124.5	97.2			97.4	96.0	96.1	104.2
125.5	97.2			98.2	96.0	96.1	104.7
129.1	97.2			99.3	96.0	96.1	104.7
131.7	97.2			99.3	96.4	96.1	104.7
2.6 Bahan Siling <i>Ceiling Materials</i>	2021 Mei Jun Jul Ogos Sep Okt Nov Dis 2022 Jan Feb Mac Apr Mei			106.0	104.1	98.3	104.7
		106.0	104.5	98.3	104.7	105.7	102.0
		106.6	104.8	98.3	104.7	105.7	103.8
		106.8	104.8	98.1	104.7	105.7	103.8
		107.6	104.8	100.3	105.9	105.7	103.8
		107.8	104.8	100.6	106.4	105.7	103.8
		107.9	104.8	100.9	106.4	109.8	103.8
		108.5	105.4	100.9	109.6	112.0	103.8
		110.2	105.4	101.8	111.4	114.0	103.8
		110.4	105.4	105.8	111.9	114.0	105.4
		110.8	109.4	108.9	111.9	114.0	106.4
		111.0	110.2	113.0	111.9	114.0	108.3
		111.5	112.6	117.0	112.0	114.0	108.3

Jadual 2: Indeks harga seunit bagi simen, besi, batu bata & dinding, kaca, batu baur, bahan siling, bahan bumbung, kayu, papan lapis,engkapan kebersihan, jubin lantai & dinding, bahan kerja paip, keratan keluli & logam, pasir dan cat (samb.)

Table 2: Unit price index for cement, steel, bricks & wall, glass, aggregates, ceiling materials, roofing materials, timber, plywood, sanitary fittings, floor & wall tiles, plumbing materials, steel & metal sections, sand and paints (cont'd)

		(Julai 2017=100) (July 2017=100)						
Bahan Item	Tempoh Period	Kawasan Region						
		A	B	C	D	E	F	
Bahan Binaan								
<i>Building Materials</i>								
2.7	Bahan Bumbung <i>Roofing Materials</i>	2021 Mei	98.4	105.7	94.5	102.5	104.5	100.3
		Jun	98.4	105.9	94.5	102.5	105.3	100.3
		Jul	98.4	105.9	94.5	102.5	106.8	100.4
		Ogos	98.8	105.9	94.3	102.5	106.8	100.4
		Sep	99.3	105.9	94.2	102.5	110.7	100.7
		Okt	99.3	108.8	94.2	102.5	113.9	100.7
		Nov	99.5	110.8	94.6	102.5	117.3	100.7
		Dis	100.0	112.2	94.8	104.2	117.3	100.7
		2022 Jan	100.0	113.4	96.6	104.5	117.3	100.9
		Feb	100.0	113.4	95.7	104.6	117.3	100.9
		Mac	100.0	114.5	96.5	104.7	117.3	100.9
		Apr	100.0	115.9	99.4	104.7	117.3	101.3
		Mei	100.0	115.9	101.3	104.7	117.3	101.3
2.8.a	Kayu <i>Timber</i>	2021 Mei	105.1	105.1	105.1	105.1	105.1	105.1
		Jun	105.6	105.6	105.6	105.6	105.6	105.6
		Jul	104.9	104.9	104.9	104.9	104.9	104.9
		Ogos	105.1	105.1	105.1	105.1	105.1	105.1
		Sep	105.1	105.1	105.1	105.1	105.1	105.1
		Okt	105.1	105.1	105.1	105.1	105.1	105.1
		Nov	105.1	105.1	105.1	105.1	105.1	105.1
		Dis	106.6	106.6	106.6	106.6	106.6	106.6
		2022 Jan	110.8	110.8	110.8	110.8	110.8	110.8
		Feb	111.1	111.1	111.1	111.1	111.1	111.1
		Mac	111.1	111.1	111.1	111.1	111.1	111.1
		Apr	112.4	112.4	112.4	112.4	112.4	112.4
		Mei	113.0	113.0	113.0	113.0	113.0	113.0
2.8.b	Papan Lapis <i>Plywood</i>	2021 Mei	92.1	92.1	92.1	92.1	92.1	92.1
		Jun	93.8	93.8	93.8	93.8	93.8	93.8
		Jul	93.8	93.8	93.8	93.8	93.8	93.8
		Ogos	93.8	93.8	93.8	93.8	93.8	93.8
		Sep	93.8	93.8	93.8	93.8	93.8	93.8
		Okt	93.8	93.8	93.8	93.8	93.8	93.8
		Nov	93.8	93.8	93.8	93.8	93.8	93.8
		Dis	94.5	94.5	94.5	94.5	94.5	94.5
		2022 Jan	94.5	94.5	94.5	94.5	94.5	94.5
		Feb	98.7	98.7	98.7	98.7	98.7	98.7
		Mac	98.7	98.7	98.7	98.7	98.7	98.7
		Apr	104.8	104.8	104.8	104.8	104.8	104.8
		Mei	104.8	104.8	104.8	104.8	104.8	104.8

Jadual 2: Indeks harga seunit bagi simen, besi, batu bata & dinding, kaca, batu baur, bahan siling, bahan bumbung, kayu, papan lapis, lengkapan kebersihan, jubin lantai & dinding, bahan kerja paip, keratan keluli & logam, pasir dan cat (samb.)

Table 2: Unit price index for cement, steel, bricks & wall, glass, aggregates, ceiling materials, roofing materials, timber, plywood, sanitary fittings, floor & wall tiles, plumbing materials, steel & metal sections, sand and paints (cont'd)

		(Julai 2017=100) (July 2017=100)						
Bahan Item	Tempoh Period	Kawasan Region						
		A	B	C	D	E	F	
Bahan Binaan								
<i>Building Materials</i>								
2.9 Lengkapan Kebersihan <i>Sanitary Fittings</i>	2021 Mei	100.8	109.4	96.0	100.1	127.0	102.0	
	Jun	100.8	113.0	96.0	100.1	127.0	102.0	
	Jul	101.0	113.7	96.2	100.1	135.5	102.0	
	Ogos	101.1	113.3	96.2	100.1	144.0	102.0	
	Sep	101.2	113.3	96.2	100.1	142.9	102.0	
	Okt	101.3	114.0	96.4	100.1	147.7	102.3	
	Nov	101.4	117.9	96.6	100.1	152.4	102.3	
	Dis	101.6	122.1	96.6	100.3	152.4	105.0	
	2022 Jan	102.3	126.1	96.6	100.6	152.4	107.2	
	Feb	102.3	126.1	98.6	100.6	152.4	107.2	
	Mac	102.5	126.3	98.6	100.6	152.4	107.2	
	Apr	103.6	126.7	98.6	100.6	152.4	108.7	
	Mei	103.7	127.8	98.8	100.7	155.6	109.3	
2.10 Jubin Lantai & Dinding <i>Floor & Wall Tiles</i>	2021 Mei	100.8	108.3	98.5	100.0	106.9	115.7	
	Jun	100.8	108.3	98.5	100.0	106.9	118.5	
	Jul	100.8	108.3	98.5	100.0	107.1	114.0	
	Ogos	101.4	108.3	98.1	100.0	107.1	110.5	
	Sep	101.6	109.7	98.1	100.0	107.1	114.6	
	Okt	101.6	110.5	98.4	100.0	108.6	116.2	
	Nov	102.1	112.4	98.5	100.0	109.3	117.0	
	Dis	102.1	113.8	98.6	100.0	112.0	120.7	
	2022 Jan	104.5	115.4	98.8	100.0	112.0	127.2	
	Feb	104.6	116.4	98.8	100.0	114.4	130.7	
	Mac	104.9	117.8	99.1	100.0	114.8	135.3	
	Apr	105.1	118.6	99.3	100.0	115.0	139.6	
	Mei	105.3	119.9	100.2	100.0	115.5	145.1	
2.11 Bahan Kerja Paip <i>Plumbing Materials</i>	2021 Mei	113.6	109.6	99.9	98.5	106.3	104.6	
	Jun	114.4	111.0	100.7	98.5	106.3	105.0	
	Jul	115.3	113.2	101.0	98.5	109.1	105.7	
	Ogos	115.1	113.8	101.1	98.5	108.7	105.9	
	Sep	115.7	114.3	101.1	98.5	109.4	106.1	
	Okt	115.7	115.2	101.8	98.5	110.7	106.1	
	Nov	118.7	118.9	102.8	98.5	113.3	106.7	
	Dis	119.7	118.9	103.6	99.2	117.5	108.9	
	2022 Jan	120.7	119.5	104.6	100.3	120.0	112.0	
	Feb	120.7	119.3	105.6	100.3	120.8	112.0	
	Mac	121.1	120.2	106.8	100.4	120.8	112.2	
	Apr	121.6	122.6	108.0	100.4	121.7	112.3	
	Mei	122.0	123.3	109.7	100.4	123.4	112.3	

Jadual 2: Indeks harga seunit bagi simen, besi, batu bata & dinding, kaca, batu baur, bahan siling, bahan bumbung, kayu, papan lapis,engkapan kebersihan, jubin lantai & dinding, bahan kerja paip, keratan keluli & logam, pasir dan cat (samb.)

Table 2: Unit price index for cement, steel, bricks & wall, glass, aggregates, ceiling materials, roofing materials, timber, plywood, sanitary fittings, floor & wall tiles, plumbing materials, steel & metal sections, sand and paints (cont'd)

		(Julai 2017=100) (July 2017=100)						
Bahan Item	Tempoh Period	Kawasan Region						
		A	B	C	D	E	F	
Bahan Binaan								
<i>Building Materials</i>								
2.12 Keratan Keluli & Logam <i>Steel & Metal Sections</i>	2021 Mei	131.8	116.4	123.4	96.4	114.3	122.3	
	Jun	133.9	123.1	124.4	96.4	114.3	124.4	
	Jul	137.2	131.5	124.4	96.4	114.3	131.2	
	Ogos	140.0	141.4	124.2	96.3	108.5	137.7	
	Sep	141.4	144.1	124.5	96.6	114.3	138.5	
	Okt	142.9	148.0	124.5	96.8	117.0	138.5	
	Nov	142.9	150.9	124.9	96.8	119.2	138.5	
	Dis	145.7	151.4	127.3	100.4	123.0	138.5	
	2022 Jan	146.1	152.2	128.5	105.0	124.9	143.7	
	Feb	146.4	152.7	131.7	105.8	128.6	143.7	
	Mac	146.9	156.5	134.0	106.2	132.4	148.5	
	Apr	151.0	157.3	136.1	106.2	136.6	155.4	
	Mei	151.0	158.0	137.5	106.4	141.0	155.4	
2.13 Pasir <i>Sand</i>	2021 Mei	126.0	112.3	109.7	99.4	102.3	100.4	
	Jun	131.6	112.3	109.7	99.4	102.3	100.4	
	Jul	134.8	112.3	110.0	99.4	102.3	100.4	
	Ogos	136.1	112.3	109.6	99.4	102.3	100.4	
	Sep	137.1	112.3	109.6	99.4	102.3	100.4	
	Okt	138.7	112.3	109.6	99.4	102.3	100.4	
	Nov	142.3	112.3	111.0	99.4	102.3	100.4	
	Dis	142.3	112.3	111.5	101.3	102.3	100.4	
	2022 Jan	143.2	112.3	112.2	101.8	103.0	104.2	
	Feb	143.2	113.2	111.2	104.6	103.0	104.2	
	Mac	144.4	114.0	111.9	104.6	103.0	106.6	
	Apr	144.7	116.5	112.5	105.1	103.0	109.1	
	Mei	145.0	119.8	113.8	105.6	103.0	112.6	
2.14 Cat <i>Paints</i>	2021 Mei	105.1	103.7	101.4	110.8	106.7	104.4	
	Jun	105.1	104.1	101.4	110.8	106.7	105.4	
	Jul	105.4	105.0	101.6	110.8	104.2	105.5	
	Ogos	105.4	105.0	101.8	110.8	104.0	106.3	
	Sep	105.4	105.8	102.3	110.8	104.0	107.0	
	Okt	105.4	106.1	103.4	110.8	104.2	107.5	
	Nov	109.0	108.1	105.2	110.8	104.2	107.6	
	Dis	112.9	108.1	106.1	112.6	106.8	107.7	
	2022 Jan	115.2	108.8	106.7	112.6	108.5	110.0	
	Feb	115.3	108.7	107.6	112.9	108.5	110.9	
	Mac	115.6	108.7	108.3	113.2	112.4	111.2	
	Apr	115.8	108.8	109.0	113.3	115.0	111.8	
	Mei	115.9	110.1	110.7	113.7	117.8	111.8	

Jadual 3: Indeks harga seunit bagi cerucuk keping jenis 'U', keratan geronggang segi empat sama, keratan geronggang segi empat tepat, rasuk semesta, gelegar keluli guling, sesiku sama, sesiku tak sama, sesalur 'U' dan sesalur bibir

Table 3: Unit price index for 'U' type sheet piles, square hollow sections, rectangular hollow sections, universal beams, rolled steel joists, equal angles, unequal angles, 'U' channels and lipped channels

(Julai 2017=100)

(July 2017=100)

Bahan Item		Tempoh Period	Selangor dan Wilayah Persekutuan Kuala Lumpur
Keluli Struktur			
<i>Structural Steel</i>			
3.1	Cerucuk Keping Jenis U <i>U Type Sheet Piles</i>	2021 Mei	129.7
		Jun	129.7
		Jul	129.7
		Ogos	129.7
		Sep	129.7
		Okt	129.7
		Nov	129.7
		Dis	131.0
		2022 Jan	131.0
		Feb	131.6
		Mac	132.3
		Apr	132.5
		Mei	132.7
		3.2	Keratan Geronggang Segi Empat Sama <i>Square Hollow Sections</i>
Jun	135.7		
Jul	135.7		
Ogos	135.7		
Sep	135.7		
Okt	135.7		
Nov	135.7		
Dis	139.8		
2022 Jan	142.8		
Feb	145.2		
Mac	146.7		
Apr	149.8		
Mei	152.3		
3.3	Keratan Geronggang Segi Empat Tepat <i>Rectangular Hollow Sections</i>		
		Jun	129.0
		Jul	129.0
		Ogos	129.0
		Sep	129.0
		Okt	129.0
		Nov	129.0
		Dis	132.3
		2022 Jan	133.4
		Feb	135.4
		Mac	138.3
		Apr	141.7
		Mei	144.3

Jadual 3: Indeks harga seunit bagi cerucuk keping jenis 'U', keratan geronggang segi empat sama, keratan geronggang segi empat tepat, rasuk semesta, gelegar keluli guling, sesiku sama, sesiku tak sama, sesalur 'U' dan sesalur bibir (samb.)

Table 3: Unit price index for 'U' type sheet piles, square hollow sections, rectangular hollow sections, universal beams, rolled steel joists, equal angles, unequal angles, 'U' channels and lipped channels (cont'd)

(Julai 2017=100)

(July 2017=100)

Bahan Item		Tempoh Period	Selangor dan Wilayah Persekutuan Kuala Lumpur
Keluli Struktur <i>Structural Steel</i>			
3.4	Rasuk Semesta <i>Universal Beams</i>	2021 Mei	118.2
		Jun	118.2
		Jul	118.2
		Ogos	118.2
		Sep	118.2
		Okt	118.2
		Nov	118.2
		Dis	118.2
		2022 Jan	118.2
		Feb	123.3
		Mac	126.8
		Apr	128.4
		Mei	133.8
		3.5	Gelegar Keluli Guling <i>Rolled Steel Joists</i>
Jun	136.3		
Jul	136.3		
Ogos	136.3		
Sep	136.3		
Okt	136.3		
Nov	136.3		
Dis	136.3		
2022 Jan	136.3		
Feb	136.3		
Mac	136.3		
Apr	136.3		
Mei	136.3		
3.6	Sesiku Sama <i>Equal Angles</i>		
		Jun	129.2
		Jul	129.2
		Ogos	129.2
		Sep	129.2
		Okt	129.2
		Nov	129.2
		Dis	134.7
		2022 Jan	140.0
		Feb	143.1
		Mac	148.3
		Apr	155.3
		Mei	155.6

Jadual 3: Indeks harga seunit bagi cerucuk keping jenis 'U', keratan geronggang segi empat sama, keratan geronggang segi empat tepat, rasuk semesta, gelegar keluli guling, sesiku sama, sesiku tak sama, sesalur 'U' dan sesalur bibir (samb.)

Table 3: Unit price index for 'U' type sheet piles, square hollow sections, rectangular hollow sections, universal beams, rolled steel joists, equal angles, unequal angles, 'U' channels and lipped channels (cont'd)

(Julai 2017=100)

(July 2017=100)

Bahan Item		Tempoh Period	Selangor dan Wilayah Persekutuan Kuala Lumpur
Keluli Struktur <i>Structural Steel</i>			
3.7	Sesiku Tak Sama <i>Unequal Angles</i>	2021 Mei	131.8
		Jun	131.8
		Jul	131.8
		Ogos	131.8
		Sep	131.8
		Okt	131.8
		Nov	131.8
		Dis	135.1
		2022 Jan	135.1
		Feb	137.8
		Mac	140.9
		Apr	142.2
		Mei	144.0
		3.8	Sesalur U <i>U Channels</i>
Jun	124.3		
Jul	124.3		
Ogos	124.3		
Sep	124.3		
Okt	124.3		
Nov	124.3		
Dis	128.1		
2022 Jan	129.3		
Feb	139.2		
Mac	142.1		
Apr	144.4		
Mei	144.8		
3.9	Sesalur Bibir <i>Lipped Channels</i>		
		Jun	124.5
		Jul	124.5
		Ogos	124.5
		Sep	124.5
		Okt	124.5
		Nov	124.5
		Dis	128.3
		2022 Jan	129.4
		Feb	138.3
		Mac	139.7
		Apr	142.7
		Mei	143.2

NOTA TEKNIKAL
TECHNICAL NOTES

Muka surat ini sengaja dibiarkan kosong.

This page is deliberately left blank.

NOTA TEKNIKAL

1. Indeks Kos Bahan Binaan Bangunan (IKB) adalah suatu indeks yang dibentuk untuk mengukur kadar perubahan purata harga 15 bahan binaan terpilih yang digunakan dalam 8 kategori bangunan untuk 6 Kawasan di Semenanjung Malaysia. IKB dibentuk berasaskan formula *Laspeyres*.
2. IKB digunakan dalam Pelaksanaan Syarat Perubahan Harga dalam kontrak-kontrak kerja bangunan kerajaan sahaja. Spesifikasi dan pemberat untuk 15 bahan binaan terpilih mengikut 8 kategori bangunan disediakan oleh Jabatan Kerja Raya (JKR).
3. Indeks harga yang dilaporkan mengikut 6 kawasan seperti berikut:

A = Pulau Pinang, Kedah dan Perlis
B = Perak
C = Selangor, Wilayah Persekutuan Kuala Lumpur, Melaka dan Negeri Sembilan
D = Johor
E = Pahang
F = Kelantan dan Terengganu
4. Bermula penerbitan Julai 2018, indeks ini berasaskan kepada tahun asas yang ditukar daripada (Julai 2012=100) kepada (Julai 2017=100) serta pemilihan spesifikasi bahan binaan baharu dan pemberat yang dikemaskini oleh JKR.
5. Bagi kontrak-kontrak yang telah ditandatangani sebelum Julai 2018, sila lihat 'Jadual faktor pelarasan' (**Lampiran A dan B**) dan 'Contoh mengira Indeks Lama Kos Bahan Binaan Bangunan' (**Lampiran C**) untuk panduan dalam Pelaksanaan Syarat Perubahan Harga. Bagi kontrak-kontrak mulai Julai 2018 dan seterusnya, indeks baru hendaklah digunakan terus tanpa sebarang pelarasan.

TECHNICAL NOTES

1. *The Building Materials Cost Index (BCI) is an index designed to measure the average rate of change in prices for 15 selected building materials utilized in 8 building categories for 6 regions in Peninsular Malaysia. The BCI is based on the Laspeyres formula.*
2. *The BCI is used in Special Provisions to the Conditions of Contract (Variation of Price) in government building contracts only. The specifications and weightage for 15 selected building materials in 8 building categories are provided by Public Works Department (JKR).*
3. *Prices index reported according to 6 regions as follows:*

A = Pulau Pinang, Kedah and Perlis
B = Perak
C = Selangor, Wilayah Persekutuan Kuala Lumpur, Melaka and Negeri Sembilan
D = Johor
E = Pahang
F = Kelantan and Terengganu
4. *Starting from July 2018 publication, the series is based on the revised base year which has been changed from (July 2012=100) to (July 2017=100) as well as the selection of new building material specifications and weightage updated by JKR.*
5. *For contracts signed before July 2018, please refer to the 'Adjustment factor table' (**Appendix A and B**) and the 'Example for calculating the Old Building Materials Cost Index' (**Appendix C**) for the implementation of the Variation of Price. For contracts commencing July 2018 and thereafter, the new index is to be used without any further adjustment.*

NOTA TEKNIKAL (samb.)

6. Pengiraan perubahan indeks
- a. IKB mengukur perubahan harga dari suatu tempoh rujukan yang ditetapkan, iaitu (Julai 2017=100).
- b. Pergerakan IKB dari satu bulan ke satu bulan yang lain dinyatakan sebagai perubahan peratus dan bukan perubahan mata indeks (*index points*) kerana perubahan mata indeks dipengaruhi oleh aras indeks yang berkaitan dengan tempoh asasnya, manakala perubahan peratus tidak mempunyai pengaruh sedemikian. Contoh berikut menunjukkan cara pengiraan perubahan peratus mata indeks dan perubahan peratus.
7. Perubahan Mata Indeks

Indeks Kos Bahan Binaan Bangunan	130.5
Tolak indeks sebelumnya	129.3
	<u>1.2</u>

8. Perubahan Peratus
- Perubahan mata indeks dibahagi dengan indeks sebelumnya, didarab dengan 100.

$$\frac{130.5 - 129.3}{129.3} \times 100 = 0.9\%$$

TECHNICAL NOTES (cont'd)

6. *Index change calculation*
- a. *The BCI measures price changes from a designated period, i.e. (July 2017=100).*
- b. *Movements of the BCI from one month to another are expressed as percentage changes rather than changes in index points because index point changes are affected by the level of the index in relation to its base period while percentage changes are not. The following example illustrates the computation of index point and percentage changes.*
7. *Index Point Change*

<i>Building Materials Cost Index</i>	130.5
<i>Less previous index</i>	129.3
	<u>1.2</u>

8. *Percentage Change*
- Index point difference divided by the previous index, multiplied by 100.*

$$\frac{130.5 - 129.3}{129.3} \times 100 = 0.9\%$$

SINGKATAN/SIMBOL

K.T	=	Konkrit Bertetulang
n.a	=	Tidak diperoleh
r	=	Kemaskini

ABBREVIATION/SYMBOLS

<i>R.C</i>	=	<i>Reinforced Concrete</i>
<i>n.a</i>	=	<i>Not available</i>
<i>r</i>	=	<i>Revised</i>

LAMPIRAN

APPENDIX

Muka surat ini sengaja dibiarkan kosong.

This page is deliberately left blank.

Jadual faktor pelarasan (Indeks tanpa bar keluli)
Adjustment factor table (Index without steel bars)

Kategori <i>Category</i>	Faktor pelarasan mengikut kawasan <i>Adjustment factor by region</i>					
	A	B	C	D	E	F
1. Bangunan (K.T.) Satu Tingkat <i>Single Storey (R.C.) Building</i>	1.1339	1.1497	1.1464	1.1360	1.1870	1.1414
2. Bangunan (K.T.) 2–4 Tingkat (Berbumbung Rata) <i>2–4 Storey (R.C) Building (flat roof)</i>	1.1108	1.1326	1.1344	1.1219	1.1775	1.1268
3. Bangunan (K.T.) 2–4 Tingkat (Berbumbung Curam) <i>2–4 Storey (R.C.) Building (Pitched Roof)</i>	1.1152	1.1395	1.1412	1.1285	1.1825	1.1301
4. Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Penginapan) <i>5 Storey and Above (R.C.) Building (For Accommodation)</i>	1.1070	1.1312	1.1299	1.1191	1.1635	1.1177
5. Bangunan (K.T) 5 tingkat dan lebih (untuk pejabat) <i>5 Storey and above (R.C) Building (for office)</i>	1.1028	1.1291	1.1307	1.1193	1.1958	1.1242
6. Bangunan Kayu <i>Timber Building</i>	1.1973	1.1994	1.1985	1.1971	1.2120	1.1979
7. Cerucuk Kayu <i>Timber Piling</i>	1.2266	1.2266	1.2266	1.2266	1.2266	1.2266
8. Cerucuk (K.T) <i>(R.C.) Piling</i>	1.0648	1.1052	1.1173	1.1167	1.1283	1.0665

Jadual faktor pelarasan (Indeks termasuk bar keluli)
Adjustment factor table (Index with steel bars)

Kategori Category	Faktor pelarasan mengikut kawasan Adjustment factor by region					
	A	B	C	D	E	F
1. Bangunan (K.T.) Satu Tingkat <i>Single Storey (R.C.) Building</i>	1.1028	1.1015	1.0988	1.1223	1.1441	1.1134
2. Bangunan (K.T.) 2–4 Tingkat (Berbumbung Rata) <i>2–4 Storey (R.C.) Building (Flat Roof)</i>	1.0601	1.0490	1.0520	1.0919	1.1020	1.0740
3. Bangunan (K.T.) 2–4 Tingkat (Berbumbung Curam) <i>2–4 Storey (R.C.) Building (Pitched Roof)</i>	1.0699	1.0648	1.0649	1.1040	1.1124	1.0838
4. Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Penginapan) <i>5 Storey and Above (R.C.) Building (For Accommodation)</i>	1.0559	1.0439	1.0431	1.0875	1.0849	1.0656
5. Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Pejabat) <i>5 Storey and Above (R.C.) Building (for Office)</i>	1.0529	1.0420	1.0440	1.0866	1.1120	1.0686
6. Bangunan Kayu <i>Timber Building</i>	1.1973	1.1994	1.1985	1.1971	1.2120	1.1979
7. Cerucuk Kayu <i>Timber Piling</i>	1.2266	1.2266	1.2266	1.2266	1.2266	1.2266
8. Cerucuk (K.T.) <i>(R.C.) Piling</i>	1.0442	1.0545	1.0735	1.0554	1.1071	1.0423

**Contoh pengiraan indeks lama IKB
(Julai 2012=100) dengan menggunakan indeks
baru IKB (Julai 2017=100)**

1. Contoh mengira indeks lama (tanpa bar keluli) bagi bulan Julai 2017 untuk kategori Bangunan (K.T) Satu Tingkat bagi kawasan A adalah seperti berikut:

I^j lama Julai 2017 = FP (seperti di **Lampiran A**) x I^j baru Julai 2017

iaitu, indeks lama Julai 2017:

$$\begin{aligned} &= 1.1339 \times 100.0 \\ &= 113.39 \\ &= 113.4 \end{aligned}$$

2. Contoh mengira indeks lama (termasuk bar keluli) bagi bulan Julai 2017 untuk kategori Bangunan Kayu bagi kawasan F adalah seperti berikut:

I^j lama Julai 2017 = FP (seperti di **Lampiran B**) x I^j baru Julai 2017

iaitu, indeks lama Julai 2017:

$$\begin{aligned} &= 1.1979 \times 100.0 \\ &= 119.79 \\ &= 119.8 \end{aligned}$$

di mana,

FP = Faktor Pelarasan

I^j = Indeks bagi kategori bangunan j

j = 1, 8

**Example for calculating the old BCI
(July 2012=100) using the new index BCI
(July 2017=100)**

1. Example for calculating the old index (without steel bars) for the month of July 2017 for Single Storey (R.C) Building in region A is as follows:

$Old I^j$ for July 2017 = AF (as in **Appendix A**) x new I^j for July 2017

i.e. old index for July 2017:

$$\begin{aligned} &= 1.1339 \times 100.0 \\ &= 113.39 \\ &= 113.4 \end{aligned}$$

2. Example for calculating the old index (with steel bars) for the month of July 2017 for Timber Building in region F is as follows:

$Old I^j$ for July 2017 = AF (as in **Appendix B**) x new I^j for July 2017

i.e. old index for July 2017:

$$\begin{aligned} &= 1.1979 \times 100.0 \\ &= 119.79 \\ &= 119.8 \end{aligned}$$

where,

AF = Adjustment Factor

I^j = Index for building category j

j = 1, 8

Sasaran Tarikh Pengumuman Siaran Khas 2
(Untuk Kerja-Kerja Pembinaan Bangunan dan Struktur), Semenanjung Malaysia, 2022
Scheduled Release Dates for Special Release 2
(For Building and Structural Works), Peninsular Malaysia, 2022

Tahun <i>Year</i>	Bulan Rujukan <i>Reference Month</i>	Tahun <i>Year</i>	Tarikh Pengumuman <i>Release Date</i>
2022	Januari <i>January</i>	2022	10 Februari <i>10 February</i>
	Februari <i>February</i>		10 Mac <i>10 March</i>
	Mac <i>March</i>		08 April <i>08 April</i>
	April <i>April</i>		11 Mei <i>11 May</i>
	Mei <i>May</i>		09 Jun <i>09 June</i>
	Jun <i>June</i>		07 Julai <i>07 July</i>
	Julai <i>July</i>		10 Ogos <i>10 August</i>
	Ogos <i>August</i>		08 September <i>08 September</i>
	September <i>September</i>		11 Oktober <i>11 October</i>
	Oktober <i>October</i>		09 November <i>09 November</i>
	November <i>November</i>		08 Disember <i>08 December</i>
	Disember <i>December</i>		2023