



JABATAN PERDANA MENTERI
JABATAN PERANGKAAN MALAYSIA

SABAH & SARAWAK

SIARAN KHAS
Special Release

2

(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 : RM5.00

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 1985 - 4293

KANDUNGAN

CONTENTS

	Muka Surat
	<i>Page</i>
Ringkasan penemuan	5
<i>Summary of findings</i>	
Jadual 1A : Indeks kos bahan binaan bangunan (Julai 2017=100) mengikut kategori bangunan dan kawasan (tanpa bar keluli)	9
<i>Table 1A : 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)	13
<i>Table 1B : Building materials cost index (July 2017=100) by category of building and region (with steel bars)</i>	
Jadual 2 : Indeks harga seunit bagi:	17
<i>Table 2 : Unit price index for:</i>	
- Simen / Cement - Besi / Steel - Batu bata & dinding / Bricks & wall - Kaca / Glass - Batu baur / Aggregates - Bahan siling / Ceiling materials - Cat / Paints - Pasir / Sand - Bahan kerja paip / Plumbing materials - Jubin lantai & dinding / Floor & wall tiles - Lengkapan kebersihan / Sanitary fittings - Keratan keluli & logam / Steel & metal sections - Kayu / Timber - Papan lapis / Plywood - Konkrit sedia bancuh / Ready mix concrete - Barang besi / Ironmongeries	

		Muka Surat <i>Page</i>
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), Sabah & Sarawak, 2022 <i>Scheduled Release Dates for Special Release 2 (For Building and Structural Works), Sabah & Sarawak, 2022</i>	32

RINGKASAN PENEMUAN

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

Sabah

Indeks Kos Bahan Binaan (IKB) (tanpa bar keluli & termasuk bar keluli) di Sabah menunjukkan peningkatan bagi keseluruhan kategori bangunan antara 4.9 dan 21.2 peratus pada Mei 2022 berbanding pada bulan sebelumnya **(Jadual 1A dan Jadual 1B)**.

Indeks harga seunit bahan binaan yang menunjukkan perubahan di Sabah ialah Bahan Siling di Kota Kinabalu (3.2 mata); Bahan kerja paip di Sandakan (1.3 mata); Lengkapan kebersihan di Kota Kinabalu (2.1 mata) dan Cat di Kota Kinabalu (3.1 mata) **(Jadual 2)**.

Sarawak

IKB di Sarawak menunjukkan peningkatan di antara 4.9 dan 21.4 peratus bagi semua kategori bangunan **(Jadual 1A dan Jadual 1B)**.

Indeks harga seunit bahan binaan yang menunjukkan perubahan ialah Simen di Kuching (4.0 mata); Besi di Sibu (3.9 mata) dan Miri (3.9 mata); Batu baur di Sibu (3.8 mata); Pasir di Kuching (2.5 mata); Bahan Bumbung di Miri (2.8 mata) dan Keratan keluli & logam di Miri (1.6 mata) **(Jadual 2)**.

SUMMARY OF FINDINGS

BUILDING MATERIAL COST INDEX (JULY 2017=100)

MAY 2022

Sabah

*The Building Materials Cost Index (BCI) (without steel bars & with steel bars) in Sabah showed an increase of the entire building category between 4.9 dan 21.2 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 in Sabah were Ceiling Materials in Kota Kinabalu (3.2 points); Plumbing Materials in Sandakan (1.3 points); Sanitary Fittings in Kota Kinabalu (2.1 points) and Paints in Kota Kinabalu (3.1 points) **(Table2)**.*

Sarawak

*The BCI in Sarawak showed an increase between 4.9 dan 21.4 per cent for all categories of building **(Table 1A and Table 1B)**.*

*The unit price indices of building materials that showed changes were Cement in Kuching (4.0 points); Steel in Sibul (3.9 points) and Miri (3.9 points); Aggregates in Sibul (3.8 points); Roofing Materials in Miri (2.8 points) and Steel & metal section in Miri (1.6 points) **(Table 2)**.*

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>					
		Sabah			Sarawak		
		G	H	I	J	K	L
1.A. 1 Bangunan (K.T.) Satu Tingkat <i>Single - Storey (R.C.) Building</i>	2021 Mei	103.7	99.2	100.8	107.7	99.1	103.7
	Jun	103.9	99.4	100.9	109.1	99.1	103.7
	Jul	104.9	99.5	100.9	110.2	99.1	103.7
	Ogos	105.3	99.7	100.8	110.4	99.1	103.7
	Sep	105.6	100.2	100.9	110.4	99.1	104.8
	Okt	105.9	100.4	101.0	110.5	99.1	106.0
	Nov	106.7	100.5	101.1	111.6	99.1	107.5
	Dis	108.0	102.0	101.3	112.8	99.9	108.7
	2022 Jan	110.5	104.1	102.8	112.9	100.0	111.2
	Feb	112.3	104.4	104.3	113.9	101.3	111.3
	Mac	112.5	105.3	104.4	115.1	101.6	112.9
	Apr	114.0	106.1	104.7	116.8	103.0	114.9
	Mei	114.8	107.3	104.9	117.6	104.9	116.2
1.A.2 Bangunan (K.T.) 2-4 Tingkat (Berbumbung Rata) <i>2-4 Storey (R.C.) Building (Flat Roof)</i>	2021 Mei	103.0	98.6	101.3	104.5	99.1	100.7
	Jun	103.1	98.8	101.4	105.1	99.1	100.7
	Jul	103.8	98.9	101.4	105.7	99.1	100.7
	Ogos	104.3	99.2	101.3	105.8	99.1	100.7
	Sep	104.5	99.7	101.5	105.9	99.1	101.3
	Okt	105.0	99.9	101.6	106.0	99.1	101.9
	Nov	105.6	100.0	101.9	106.8	99.2	103.1
	Dis	106.6	101.2	102.1	108.2	99.7	103.7
	2022 Jan	109.1	103.5	103.8	108.6	99.8	105.0
	Feb	111.3	103.9	105.7	109.4	101.5	105.3
	Mac	111.5	104.8	105.8	111.0	101.9	106.7
	Apr	112.7	105.8	106.1	113.0	103.1	108.0
	Mei	113.4	107.0	106.3	113.8	104.2	108.8
1.A.3 Bangunan (K.T.) 2-4 Tingkat (Berbumbung Curam) <i>2-4 Storey (R.C.) Building (Pitched Roof)</i>	2021 Mei	103.0	98.5	101.0	105.7	99.1	102.1
	Jun	103.1	98.8	101.1	106.6	99.1	102.1
	Jul	103.8	98.9	101.1	107.6	99.1	102.1
	Ogos	104.2	99.1	101.0	107.7	99.1	102.1
	Sep	104.4	99.6	101.2	107.7	99.1	103.0
	Okt	104.9	99.7	101.3	107.8	99.1	103.8
	Nov	105.5	99.8	101.5	108.8	99.2	105.2
	Dis	106.6	101.1	101.8	110.1	99.8	106.1
	2022 Jan	109.1	103.3	103.5	110.4	100.0	107.9
	Feb	111.3	103.8	105.3	111.2	101.5	108.1
	Mac	111.5	104.6	105.3	112.7	101.9	109.6
	Apr	112.6	105.6	105.7	114.7	103.2	111.2
	Mei	113.4	106.7	105.9	115.5	104.5	112.2

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>					
		Sabah			Sarawak		
		G	H	I	J	K	L
1.A.4 Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Penginapan) <i>5 Storey and Above (R.C.) Building (For Accommodation)</i>	2021 Mei	103.2	98.4	100.6	105.7	99.1	102.0
	Jun	103.3	98.6	100.6	106.6	99.1	102.0
	Jul	104.1	98.7	100.6	107.5	99.1	102.1
	Ogos	104.7	98.9	100.5	107.7	99.1	102.1
	Sep	104.8	99.4	100.7	107.7	99.1	102.9
	Okt	105.3	99.6	100.9	107.8	99.1	103.8
	Nov	105.9	99.7	101.1	108.8	99.2	105.1
	Dis	107.0	101.0	101.3	110.1	99.9	106.1
	2022 Jan	109.5	103.1	103.0	114.5	100.8	116.2
	Feb	111.9	103.8	105.2	111.2	101.5	108.0
	Mac	112.1	104.7	105.3	112.7	101.9	109.5
	Apr	113.2	105.7	105.6	114.7	103.3	111.2
	Mei	114.0	106.8	105.8	115.5	104.6	112.1
1.A.5 Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Pejabat) <i>5 Storey and Above (R.C.) Building (For Office)</i>	2021 Mei	103.6	97.2	100.5	105.7	99.1	102.0
	Jun	103.7	97.4	100.5	106.6	99.1	102.0
	Jul	104.6	97.6	100.5	107.5	99.1	102.1
	Ogos	105.2	97.7	100.4	107.7	99.1	102.1
	Sep	105.4	98.4	100.8	107.7	99.1	102.9
	Okt	105.9	98.5	101.1	107.8	99.1	103.8
	Nov	106.6	98.6	101.5	108.8	99.2	105.1
	Dis	107.7	99.9	101.8	110.1	99.9	106.1
	2022 Jan	110.0	102.0	103.3	110.4	100.0	107.8
	Feb	112.5	102.9	105.5	111.2	101.5	108.0
	Mac	112.9	103.8	105.5	112.7	101.9	109.5
	Apr	114.1	104.8	105.7	114.7	103.3	111.2
	Mei	114.8	106.0	105.8	115.5	104.6	112.1
1.A.6 Bangunan Kayu <i>Timber Building</i>	2021 Mei	101.4	99.5	100.2	104.5	99.5	101.3
	Jun	101.9	99.9	100.5	105.2	99.5	101.3
	Jul	102.2	99.8	100.3	105.6	99.5	101.3
	Ogos	102.3	99.9	100.3	105.7	99.5	101.3
	Sep	102.4	100.1	100.4	105.8	99.5	101.7
	Okt	102.7	100.2	100.5	105.9	100.1	102.2
	Nov	103.2	100.3	100.6	106.5	100.8	102.9
	Dis	104.2	101.3	101.1	106.9	101.8	103.4
	2022 Jan	106.7	103.4	102.8	110.4	100.0	107.8
	Feb	108.2	103.7	103.3	111.0	103.6	105.1
	Mac	108.4	104.1	103.4	111.2	103.7	105.7
	Apr	108.8	104.9	104.1	115.2	104.6	106.5
	Mei	109.5	105.4	104.4	115.6	105.9	107.4

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>				Kawasan <i>Region</i>					
				Sabah				Sarawak	
				G	H	I	J	K	L
1.A.7	Cerucuk Kayu <i>Timber Piling</i>	2021	Mei	99.5	99.5	99.5	n.a.	n.a.	n.a.
			Jun	100.0	100.0	100.0	n.a.	n.a.	n.a.
			Jul	99.7	99.7	99.7	n.a.	n.a.	n.a.
			Ogos	99.7	99.7	99.7	n.a.	n.a.	n.a.
			Sep	99.7	99.7	99.7	n.a.	n.a.	n.a.
			Okt	99.7	99.7	99.7	n.a.	n.a.	n.a.
			Nov	99.7	99.7	99.7	n.a.	n.a.	n.a.
			Dis	100.5	100.5	100.5	n.a.	n.a.	n.a.
		2022	Jan	103.2	103.2	103.2	n.a.	n.a.	n.a.
			Feb	104.9	103.2	103.2	n.a.	n.a.	n.a.
			Mac	104.9	103.2	103.2	n.a.	n.a.	n.a.
			Apr	104.4	104.4	104.4	n.a.	n.a.	n.a.
			Mei	104.7	104.7	104.7	n.a.	n.a.	n.a.
1.A.8	Cerucuk K.T. <i>R.C. Piling</i>	2021	Mei	107.4	99.0	98.3	103.2	98.8	98.3
			Jun	107.4	99.0	98.4	103.8	98.8	98.3
			Jul	107.7	99.0	98.3	104.5	98.8	98.3
			Ogos	107.9	99.0	98.3	104.5	98.8	98.3
			Sep	107.9	99.0	98.3	104.5	98.8	99.0
			Okt	107.9	99.0	98.3	104.5	98.9	99.6
			Nov	107.9	99.0	98.3	104.9	98.9	100.1
			Dis	108.3	101.9	98.4	106.9	99.4	100.8
		2022	Jan	112.5	103.7	99.1	110.4	101.4	104.9
			Feb	113.5	104.7	100.0	107.8	102.1	102.1
			Mac	113.5	105.0	100.0	110.6	102.7	104.4
			Apr	113.8	105.3	100.1	114.0	103.6	106.3
			Mei	113.8	105.7	100.1	114.8	104.2	106.7
1.A.9	Kerangka Besi Satu Tingkat (Bangunan) <i>Single Storey Steel Frame (Building)</i>	2021	Mei	112.7	109.6	101.8	108.6	99.3	106.3
			Jun	116.0	109.8	101.8	110.1	99.3	106.3
			Jul	119.6	109.8	101.8	111.7	99.3	106.3
			Ogos	121.0	110.4	101.8	111.9	99.3	106.3
			Sep	121.4	112.9	101.9	111.9	99.3	107.9
			Okt	121.8	114.4	101.9	112.0	99.4	109.4
			Nov	123.7	115.4	102.0	113.4	99.5	111.4
			Dis	124.5	118.1	102.1	114.4	100.6	113.1
		2022	Jan	127.2	119.4	102.3	106.9	99.3	101.6
			Feb	127.8	119.8	102.8	115.7	102.0	116.3
			Mac	128.2	120.4	102.8	116.7	102.3	117.9
			Apr	130.8	120.6	102.9	118.4	104.1	120.2
			Mei	131.2	121.0	103.0	119.3	106.1	121.6

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>					
		Sabah			Sarawak		
		G	H	I	J	K	L
1.A.10	Kerangka Besi						
	Satu Tingkat						
	(Menara Sahaja)						
	<i>Single Storey</i>						
	<i>Steel Frame</i>						
	<i>(Tower Only)</i>						
	2021 Mei	120.8	116.5	99.9	n.a.	n.a.	n.a.
	Jun	126.7	116.7	99.9	n.a.	n.a.	n.a.
	Jul	132.8	116.7	99.9	n.a.	n.a.	n.a.
	Ogos	135.5	117.6	99.9	n.a.	n.a.	n.a.
	Sep	136.2	121.6	99.9	n.a.	n.a.	n.a.
	Okt	136.4	124.2	99.9	n.a.	n.a.	n.a.
	Nov	138.7	125.9	99.9	n.a.	n.a.	n.a.
	Dis	139.0	129.9	99.9	n.a.	n.a.	n.a.
	2022 Jan	142.4	130.8	100.0	n.a.	n.a.	n.a.
	Feb	142.4	130.8	100.1	n.a.	n.a.	n.a.
	Mac	142.8	131.3	100.1	n.a.	n.a.	n.a.
	Apr	146.3	131.3	100.1	n.a.	n.a.	n.a.
	Mei	146.4	131.4	100.1	n.a.	n.a.	n.a.

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>					
		Sabah			Sarawak		
		G	H	I	J	K	L
1.B.1 Bangunan (K.T.) Satu Tingkat <i>Single - Storey (R.C.)</i> <i>Building</i>	2021 Mei	108.1	104.1	104.7	111.4	98.7	103.3
	Jun	109.2	104.5	105.5	113.6	98.7	103.3
	Jul	110.7	104.6	105.4	114.6	98.7	103.3
	Ogos	111.2	104.8	106.3	114.7	98.7	103.3
	Sep	111.3	105.8	107.2	114.9	98.7	104.8
	Okt	111.7	106.6	107.3	115.0	98.8	106.3
	Nov	112.7	107.0	107.3	116.4	99.1	108.3
	Dis	114.0	108.2	107.5	118.1	99.7	110.0
	2022 Jan	115.7	110.0	108.8	118.4	99.8	112.2
	Feb	118.3	110.7	110.3 ^r	119.2	102.7	114.8
	Mac	118.5	111.4	110.4	120.5	103.5	116.1
	Apr	120.5	112.9	111.1	123.0	105.2	118.7
	Mei	121.5	114.6	111.4	124.2	107.6	120.8
1.B.2 Bangunan (K.T.) 2–4 Tingkat (Berbumbung Rata) <i>2–4 Storey (R.C.)</i> <i>Building (Flat Roof)</i>	2021 Mei	108.0	104.1	105.5	108.6	98.7	100.9
	Jun	109.1	104.5	106.3	110.2	98.7	100.9
	Jul	110.4	104.7	106.3	110.8	98.7	101.0
	Ogos	110.9	104.8	107.2	110.9	98.7	101.0
	Sep	111.0	105.9	108.3	111.1	98.7	102.0
	Okt	111.4	106.7	108.4	111.2	98.8	103.0
	Nov	112.3	107.1	108.6	112.4	99.1	104.7
	Dis	113.5	108.2	108.8	114.3	99.5	106.0
	2022 Jan	115.1	110.0	110.2	114.7	99.6	107.2
	Feb	118.1	110.9	112.1 ^r	115.4	102.8	109.9
	Mac	118.3	111.6	112.1	117.0	103.7	111.0
	Apr	120.1	113.3	112.9	119.8	105.2	113.1
	Mei	121.1	115.1	113.2	120.9	106.9	114.7
1.B.3 Bangunan (K.T.) 2–4 Tingkat (Berbumbung Curam) <i>2–4 Storey (R.C.)</i> <i>Building (Pitched Roof)</i>	2021 Mei	107.0	103.1	104.5	109.4	98.7	102.0
	Jun	108.0	103.4	105.2	111.2	98.7	102.0
	Jul	109.2	103.6	105.1	112.0	98.7	102.0
	Ogos	109.7	103.8	105.9	112.1	98.7	102.0
	Sep	109.8	104.7	106.8	112.3	98.7	103.3
	Okt	110.2	105.4	106.9	112.4	98.8	104.5
	Nov	111.1	105.7	107.1	113.7	99.1	106.4
	Dis	112.3	106.8	107.3	115.5	99.7	107.8
	2022 Jan	114.0	108.7	108.8	115.8	99.8	109.4
	Feb	116.8	109.5	110.5 ^r	116.5	102.7	111.8
	Mac	117.0	110.2	110.6	118.0	103.5	113.1
	Apr	118.7	111.8	111.3	120.7	105.2	115.3
	Mei	119.7	113.4	111.6	121.9	107.1	117.1

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>					
		Sabah			Sarawak		
		G	H	I	J	K	L
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	108.5	104.4	105.3	109.4	98.7	102.0
	Jun	109.7	104.8	106.1	111.2	98.7	102.0
	Jul	111.2	105.0	106.1	112.0	98.7	102.0
	Ogos	111.8	105.2	107.1	112.1	98.7	102.0
	Sep	111.9	106.3	108.3	112.3	98.7	103.3
	Okt	112.3	107.1	108.4	112.4	98.8	104.5
	Nov	113.2	107.6	108.6	113.7	99.1	106.3
	Dis	114.4	108.6	108.8	115.5	99.7	107.8
	2022 Jan	117.1 ^f	110.4 ^f	110.1	115.9	99.8	109.4
	Feb	119.1	111.5	112.2 ^f	116.6	102.7	111.8
	Mac	119.4	112.2	112.3	118.1	103.6	113.1
	Apr	121.2	113.9	113.1	120.8	105.2	115.3
	Mei	122.2	115.7	113.4	121.9	107.1	117.1
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	109.7	104.6	106.0	109.6	98.7	102.0
	Jun	111.2	104.9	106.9	111.4	98.7	102.0
	Jul	112.8	105.2	106.9	112.2	98.7	102.0
	Ogos	113.4	105.3	108.2	112.3	98.7	102.0
	Sep	113.5	106.6	109.6	112.5	98.7	103.3
	Okt	113.9	107.6	109.8	112.6	98.8	104.5
	Nov	115.0	108.1	110.1	114.0	99.1	106.4
	Dis	116.2	109.0	110.4	115.8	99.7	107.8
	2022 Jan	117.4	110.6	111.5	116.1	99.8	109.5
	Feb	120.8	112.0	113.6 ^f	116.8	102.8	112.0
	Mac	121.2	112.8	113.7	118.4	103.7	113.2
	Apr	123.2	114.6	114.4	121.0	105.3	115.5
	Mei	124.2	116.6	114.7	122.2	107.2	117.3
1.B.6 Bangunan Kayu <i>Timber Building</i>	2021 Mei	101.9	100.0	100.6	105.1	99.4	101.3
	Jun	102.4	100.4	101.0	105.9	99.4	101.3
	Jul	102.8	100.3	100.8	106.4	99.4	101.3
	Ogos	102.9	100.4	100.9	106.4	99.4	101.3
	Sep	103.0	100.7	101.0	106.5	99.4	101.8
	Okt	103.3	100.8	101.1	106.6	100.0	102.4
	Nov	103.9	100.9	101.2	107.3	100.7	103.2
	Dis	104.9	101.9	101.8	107.8	101.8	103.8
	2022 Jan	107.3	104.0	103.4	111.3	101.3	105.2
	Feb	108.9	104.4	103.9	111.8	103.7	105.7
	Mac	109.0	104.7	104.0	112.1	103.9	106.4
	Apr	109.6	105.6	104.8	116.1	104.8	107.3
	Mei	110.3	106.2	105.1	116.6	106.2	108.3

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>					
		Sabah			Sarawak		
		G	H	I	J	K	L
1.B.7 Cerucuk Kayu <i>Timber Piling</i>	2021 Mei	99.5	99.5	99.5	n.a.	n.a.	n.a.
	Jun	100.0	100.0	100.0	n.a.	n.a.	n.a.
	Jul	99.7	99.7	99.7	n.a.	n.a.	n.a.
	Ogos	99.7	99.7	99.7	n.a.	n.a.	n.a.
	Sep	99.7	99.7	99.7	n.a.	n.a.	n.a.
	Okt	99.7	99.7	99.7	n.a.	n.a.	n.a.
	Nov	99.7	99.7	99.7	n.a.	n.a.	n.a.
	Dis	100.5	100.5	100.5	n.a.	n.a.	n.a.
	2022 Jan	103.2	103.2	103.2	n.a.	n.a.	n.a.
	Feb	104.9	103.2	103.2	n.a.	n.a.	n.a.
	Mac	104.9	103.2	103.2	n.a.	n.a.	n.a.
	Apr	104.4	104.4	104.4	n.a.	n.a.	n.a.
	Mei	104.7	104.7	104.7	n.a.	n.a.	n.a.
1.B.8 Cerucuk K.T. <i>R.C. Piling</i>	2021 Mei	120.2	115.8	112.9	113.5	98.0	100.0
	Jun	123.3	116.4	115.2	116.4	98.0	100.0
	Jul	125.7	116.6	115.2	116.9	98.0	100.0
	Ogos	126.3	116.6	118.2	116.9	98.0	100.0
	Sep	126.3	118.7	121.1	117.3	98.0	101.7
	Okt	126.3	120.7	121.1	117.4	98.2	103.2
	Nov	127.5	121.7	121.1	118.9	98.9	105.4
	Dis	128.6	123.0	121.1	121.7	99.2	107.4
	2022 Jan	129.1	123.8	121.4	122.0	99.1	108.4
	Feb	133.2	125.9	122.9 ^f	122.6	104.8	114.2
	Mac	133.4	126.0	122.9	124.9	106.5	115.5
	Apr	136.1	128.9	124.4	129.3	108.3	118.8
	Mei	137.2	131.6	125.0	131.0	110.6	121.4
1.B.9 Kerangka Besi Satu Tingkat (Bangunan) <i>Single Storey</i> <i>Steel Frame</i> <i>(Building)</i>	2021 Mei	113.3	110.2	102.5	110.0	99.1	105.9
	Jun	116.6	110.4	102.7	111.9	99.1	105.9
	Jul	120.3	110.5	102.7	113.4	99.1	105.9
	Ogos	121.6	111.0	102.8	113.5	99.1	105.9
	Sep	122.1	113.6	103.1	113.6	99.1	107.7
	Okt	122.4	115.2	103.2	113.7	99.2	109.3
	Nov	124.4	116.2	103.2	115.2	99.4	111.4
	Dis	125.2	118.8	103.3	116.5	100.5	113.3
	2022 Jan	127.7	120.1	103.5	116.6	100.6	116.2
	Feb	128.5	120.5	104.0	117.7	102.5	117.3
	Mac	128.8	121.1	104.1	118.8	103.0	118.8
	Apr	131.6	121.5	104.2	120.8	104.9	121.3
	Mei	132.0	122.0	104.3	121.9	107.1	123.0

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 Category of building			Tempoh Period			Kawasan Region			
						Sabah		Sarawak	
						G	H	I	J
1.B.10	Kerangka Besi	2021 Mei	120.9	116.7	100.3	n.a.	n.a.	n.a.	
	Satu Tingkat	Jun	126.9	117.0	100.4	n.a.	n.a.	n.a.	
	(Menara Sahaja)	Jul	132.9	117.0	100.4	n.a.	n.a.	n.a.	
	Single Storey	Ogos	135.6	117.8	100.4	n.a.	n.a.	n.a.	
	Steel Frame	Sep	136.3	121.8	100.5	n.a.	n.a.	n.a.	
	(Tower Only)	Okt	136.5	124.4	100.5	n.a.	n.a.	n.a.	
		Nov	138.8	126.2	100.5	n.a.	n.a.	n.a.	
		Dis	139.1	130.0	100.5	n.a.	n.a.	n.a.	
		2022 Jan	142.4	131.0	100.7	n.a.	n.a.	n.a.	
		Feb	142.5	131.0	100.8	n.a.	n.a.	n.a.	
		Mac	142.9	131.5	100.8	n.a.	n.a.	n.a.	
		Apr	146.4	131.6	100.9	n.a.	n.a.	n.a.	
		Mei	146.5	131.7	100.9	n.a.	n.a.	n.a.	

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

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

(Julai 2017=100)

(July 2017=100)

Bahan Item			Tempoh Period		Kawasan*			
					Region			
					Sabah		Sarawak	
			G	H	I	J	K	L
Bahan binaan Building materials								
2.1	Simen Cement	2021 Mei	103.6	94.8	94.4	96.9	98.4	90.3
		Jun	103.6	94.8	94.4	96.9	98.4	90.3
		Jul	106.1	94.8	94.4	98.1	98.4	90.3
		Ogos	108.4	94.8	94.4	98.1	98.4	90.3
		Sep	108.4	94.8	94.4	98.1	98.4	90.3
		Okt	108.4	94.8	94.4	98.1	98.4	90.3
		Nov	108.4	94.8	94.4	98.1	98.4	90.3
		Dis	110.9	97.2	94.4	98.1	98.4	90.3
		2022 Jan	114.0	101.3	99.6	101.5	98.4	93.5
		Feb	119.5	101.3	104.9	106.0	104.6	93.5
		Mac	119.5	103.9	104.9	108.7	104.6	94.9
		Apr	121.9	106.4	104.9	111.3	111.5	100.0
		Mei	121.9	109.0	104.9	115.8	114.9	100.0
2.2	Besi Steel	2021 Mei	130.0	128.6	124.0	125.4	97.0	101.9
		Jun	135.5	129.7	128.0	131.0	97.0	101.9
		Jul	139.5	130.1	128.0	131.3	97.0	101.9
		Ogos	140.3	130.1	133.5	131.3	97.0	101.9
		Sep	140.3	133.8	138.5	132.2	97.0	104.8
		Okt	140.3	137.3	138.5	132.3	97.5	107.5
		Nov	142.4	139.1	138.5	135.1	98.9	111.6
		Dis	144.2	139.1	138.5	138.9	98.9	115.1
		2022 Jan	141.8	139.2	138.5	139.5	98.9	116.3
		Feb	148.2	142.1	140.4	139.8	107.9	128.4
		Mac	148.5	142.1	140.4	141.4	110.8	128.4
		Apr	153.1	146.9	143.1	147.0	113.6	133.3
		Mei	155.2	151.4	144.1	149.8	118.1	138.5
2.3	Batu Bata & Dinding Bricks & Wall	2021 Mei	96.2	102.0	116.9	111.0	101.0	111.3
		Jun	95.1	102.0	116.9	111.0	101.0	111.3
		Jul	93.2	102.0	116.9	111.5	101.0	111.3
		Ogos	91.1	102.8	116.9	111.5	101.0	111.3
		Sep	91.1	104.5	116.9	111.5	101.0	111.3
		Okt	91.8	104.5	116.9	111.8	101.0	111.3
		Nov	92.1	104.5	116.9	112.4	101.0	114.6
		Dis	92.1	104.5	116.9	115.2	101.8	114.6
		2022 Jan	92.6	106.6	116.9	115.3	104.7	115.3
		Feb	93.8	106.6	116.9	115.3	105.5	115.3
		Mac	93.8	106.6	116.9	118.7	106.0	115.3
		Apr	94.4	106.6	116.9	118.7	106.0	115.3
		Mei	95.4	109.4	116.9	119.6	106.0	115.3

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

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

(Julai 2017=100)

(July 2017=100)

Bahan Item			Tempoh Period		Kawasan				
					Region				
					Sabah		Sarawak		
			G	H	I	J	K	L	
Bahan binaan									
Building materials									
2.4	Kaca Glass	2021	Mei	108.2	96.6	113.0	100.8	107.9	117.5
			Jun	108.2	96.6	113.0	100.8	107.9	117.5
			Jul	108.2	97.6	113.0	100.8	107.9	117.5
			Ogos	108.2	98.7	113.0	105.4	107.9	117.5
			Sep	108.2	102.2	117.0	109.6	107.9	117.5
			Okt	110.6	102.2	120.3	113.2	107.9	117.5
			Nov	114.4	102.2	123.5	116.0	107.9	117.5
			Dis	115.5	102.2	126.1	118.5	107.9	117.5
		2022	Jan	117.9	107.2	126.1	121.9	107.9	117.5
			Feb	117.9	107.2	126.1	123.3	107.9	117.5
			Mac	122.0	109.5	126.1	124.5	109.7	120.1
			Apr	122.0	109.5	126.1	124.5	111.8	120.1
			Mei	122.0	109.5	126.1	124.5	113.1	120.1
2.5	Batu Baur Aggregates	2021	Mei	100.1	100.0	97.4	101.2	96.9	98.6
			Jun	100.1	100.0	97.4	101.2	96.9	98.6
			Jul	100.1	100.0	97.4	101.2	96.9	98.6
			Ogos	100.1	100.0	97.4	101.2	96.9	98.6
			Sep	100.1	100.0	97.4	101.2	96.9	98.6
			Okt	100.1	100.0	97.4	101.2	96.9	98.6
			Nov	100.1	100.0	97.4	102.8	96.9	98.6
			Dis	100.1	100.0	97.4	103.3	96.9	98.6
		2022	Jan	101.0 ^r	100.0	97.4	106.2	96.9	98.6 ^r
			Feb	101.0	100.0	97.4	106.2	96.9	98.6
			Mac	101.0	100.0	97.4	107.1	96.9	98.6
			Apr	103.0	100.0	97.4	110.2	96.9	102.3
			Mei	103.0	100.0	97.4	110.2	96.9	102.3
2.6	Bahan Siling Ceiling Materials	2021	Mei	100.1	88.6	100.0	102.3	100.0	102.2
			Jun	100.1	88.6	100.0	102.3	100.0	102.2
			Jul	100.5	90.1	100.0	102.3	100.0	102.2
			Ogos	99.9	90.1	100.0	102.3	100.0	102.2
			Sep	101.4	90.1	100.0	102.3	100.0	102.2
			Okt	101.4	90.1	100.0	102.3	100.0	102.8
			Nov	101.4	90.1	100.0	102.3	100.0	102.8
			Dis	101.7	90.1	100.0	102.3	100.0	102.8
		2022	Jan	104.7	90.1	100.0	102.3	100.0	102.8
			Feb	104.7	90.1	100.0	102.3	100.0	102.8
			Mac	104.7	90.1	100.0	102.3	100.0	102.8
			Apr	107.6	90.1	100.0	102.3	100.0	102.8
			Mei	111.1	92.3	100.0	102.3	100.0	106.9

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

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

(Julai 2017=100)

(July 2017=100)

			Kawasan					
			Region					
Bahan Item	Tempoh Period		Sabah			Sarawak		
			G	H	I	J	K	L
Bahan binaan								
Building materials								
2.7	Bahan Bumbung Roofing Materials	2021 Mei	106.0	104.4	100.0	113.6	98.0	99.5
		Jun	106.0	104.4	100.0	116.0	98.0	99.5
		Jul	108.9	104.4	100.0	116.8	98.0	99.9
		Ogos	108.9	104.4	100.0	116.8	98.0	99.9
		Sep	108.9	104.4	100.0	116.8	98.0	100.1
		Okt	108.9	104.4	100.0	116.8	98.0	100.9
		Nov	112.0	104.4	100.0	116.8	98.0	100.9
		Dis	115.3	107.2	100.0	117.6	97.6	101.2
		2022 Jan	117.6	109.6	100.0	118.9	97.6	103.8
		Feb	117.6	109.6	100.0	119.3	97.6	103.8
		Mac	117.6	111.7	100.0	119.3	97.6	105.7
		Apr	121.7	111.7	100.0	121.2	97.6	107.6
		Mei	121.7	111.7	100.0	121.2	100.7	110.6
2.8	Cat Paints	2021 Mei	101.8	100.3	108.9	103.3	99.3	101.2
		Jun	101.8	100.9	108.9	103.3	99.3	101.2
		Jul	103.0	101.9	108.9	103.3	99.3	101.2
		Ogos	103.1	103.2	108.2	103.4	99.3	101.2
		Sep	103.1	104.4	109.1	103.5	99.3	101.2
		Okt	105.6	105.1	109.0	104.1	99.3	101.2
		Nov	105.7	105.1	111.1	106.1	99.3	103.3
		Dis	105.8	105.3	110.8	106.7	99.3	105.0
		2022 Jan	108.9	105.4	109.7	107.5	99.3	109.2
		Feb	109.0	106.0	110.8	107.5	100.9	109.2
		Mac	109.0	106.3	111.1	107.7	101.6	109.2
		Apr	109.6	106.5	111.1	107.8	105.2	109.2
		Mei	112.9	106.5	111.1	108.0	108.7	109.2
2.9	Pasir Sand	2021 Mei	103.2	100.0	100.0	107.8	100.0	79.8
		Jun	103.2	100.0	100.0	107.8	100.0	79.8
		Jul	103.2	100.0	100.0	107.8	100.0	79.8
		Ogos	103.2	100.0	100.0	107.8	100.0	79.8
		Sep	103.2	100.0	100.0	107.8	100.0	79.8
		Okt	103.2	100.0	100.0	107.8	100.0	79.8
		Nov	103.2	100.0	100.0	107.8	100.0	79.8
		Dis	103.2	100.0	100.0	107.8	100.0	79.8
		2022 Jan	103.2	100.0	100.0	107.8	100.0	79.8
		Feb	103.2	100.0	100.0	107.8	100.0	84.5
		Mac	103.2	100.0	100.0	107.8	100.0	84.5
		Apr	103.2	100.0	100.0	110.4	100.0	84.5
		Mei	103.2	100.0	100.0	113.0	100.0	84.5

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

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

(Julai 2017=100)

(July 2017=100)

Bahan <i>Item</i>			Tempoh <i>Period</i>		Kawasan <i>Region</i>			
					Sabah		Sarawak	
Bahan binaan <i>Building materials</i>								
2.10	Bahan Kerja Paip <i>Plumbing Materials</i>	2021 Mei	106.9	108.3	105.6	107.0	101.6	101.4
		Jun	106.9	110.4	105.6	107.0	101.6	101.4
		Jul	106.9	111.0	105.6	107.0	101.6	101.4
		Ogos	106.9	112.1	105.1	107.0	101.6	101.4
		Sep	106.9	112.6	105.1	107.0	101.6	101.4
		Okt	107.8	114.4	105.1	107.0	101.6	103.1
		Nov	108.4	115.9	105.1	110.1	101.6	104.8
		Dis	108.9	115.9	105.2	110.2	101.6	105.6
		2022 Jan	110.5	117.5	105.2	110.2	101.6	110.1
		Feb	110.5	117.5	105.2	110.2	104.4	110.1
		Mac	110.5	118.6	106.9	110.2	105.2	110.1
		Apr	111.0	119.5	109.3	111.5	106.4	110.1
		Mei	113.8	121.0	112.2	114.1	110.3	110.1
2.11	Jubin Lantai & Dinding <i>Floor & Wall Tiles</i>	2021 Mei	108.9	88.2	94.6	98.1	97.3	99.2
		Jun	109.6	88.2	94.6	98.1	97.3	99.2
		Jul	110.2	88.2	94.6	98.1	97.3	99.2
		Ogos	110.9	85.9	94.6	98.7	97.3	99.2
		Sep	111.2	87.9	94.6	98.7	97.3	99.2
		Okt	111.2	87.9	94.6	99.1	97.3	99.2
		Nov	111.5	87.9	94.6	101.3	97.3	100.9
		Dis	111.5	88.7	94.6	102.4	97.3	100.9
		2022 Jan	111.5	88.9 ^r	94.6	103.2	97.3	101.0
		Feb	111.5	88.6	94.6	103.7	97.3	101.0
		Mac	111.8	88.8	94.6	103.8	97.3	101.8
		Apr	112.9	92.0	94.6	104.2	98.7	101.8
		Mei	113.6	95.0	94.6	104.6	98.7	102.2
2.12	Lengkapan Kebersihan <i>Sanitary Fittings</i>	2021 Mei	108.0	98.0	100.0	102.2	98.1	96.0
		Jun	108.1	99.1	100.0	102.2	98.1	96.0
		Jul	108.1	99.1	100.0	102.2	98.1	96.0
		Ogos	110.3	99.0	100.0	102.2	98.1	96.0
		Sep	111.4	98.4	100.0	102.2	98.1	96.0
		Okt	113.3	99.1	100.0	102.2	98.1	96.0
		Nov	116.9	99.1	100.0	102.2	98.1	98.9
		Dis	118.3	100.6	100.0	102.7	98.1	98.9
		2022 Jan	121.3	100.6	100.0	103.2	98.1	98.9
		Feb	121.3	100.6	106.7	103.3	98.1	98.9
		Mac	121.7	100.6	106.7	103.3	98.6	98.9
		Apr	123.7	101.1	106.7	103.5	101.5	98.9
		Mei	126.3	101.1	106.7	103.5	102.1	98.9

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

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

(Julai 2017=100)

(July 2017=100)

Bahan <i>Item</i>			Tempoh <i>Period</i>		Kawasan			
					<i>Region</i>			
					Sabah		Sarawak	
			G	H	I	J	K	L
Bahan binaan <i>Building materials</i>								
2.13	Keratan Keluli & Logam <i>Steel & Metal Sections</i>	2021 Mei	122.0	117.9	100.0	119.6	99.9	120.4
		Jun	128.4	118.1	100.0	123.9	99.9	120.4
		Jul	134.9	118.1	100.0	128.3	99.9	120.4
		Ogos	137.7	119.0	100.0	128.5	99.9	120.4
		Sep	138.5	123.3	100.0	128.5	99.9	125.2
		Okt	138.7	126.1	100.0	128.5	99.9	129.3
		Nov	141.2	127.9	100.0	131.2	99.9	133.4
		Dis	141.4	132.0	100.0	131.7	103.0	138.1
		2022 Jan	144.8	132.9	100.0	132.3 ^r	103.0	145.8
		Feb	144.8	132.9	100.0	132.5	103.5	145.8
		Mac	145.2	133.3	100.0	132.7	103.7	148.5
		Apr	148.9	133.3	100.0	133.4	107.3	154.1
		Mei	149.0	133.3	100.0	135.1	111.5	156.6
2.14.a	Kayu <i>Timber</i>	2021 Mei	99.5	99.5	99.5	100.0	100.0	100.0
		Jun	100.0	100.0	100.0	100.0	100.0	100.0
		Jul	99.7	99.7	99.7	100.0	100.0	100.0
		Ogos	99.7	99.7	99.7	100.0	100.0	100.0
		Sep	99.7	99.7	99.7	100.0	100.0	100.0
		Okt	99.7	99.7	99.7	100.0	101.4	100.0
		Nov	99.7	99.7	99.7	100.0	103.1	100.0
		Dis	100.5	100.5	100.5	100.0	105.2	100.0
		2022 Jan	103.2	103.2	103.2	107.7	104.0	100.0
		Feb	104.9	103.2	103.2	107.7	107.8	100.0
		Mac	103.2	103.2	103.2	107.7	107.8	100.0
		Apr	104.4	104.4	104.4	115.8	107.8	100.0
		Mei	104.7	104.7	104.7	115.8	107.8	100.0
2.14.b	Papan Lapis <i>Plywood</i>	2021 Mei	95.1	95.1	95.1	101.0	101.0	101.0
		Jun	95.1	95.1	95.1	101.0	101.0	101.0
		Jul	95.1	95.1	95.1	101.0	101.0	101.0
		Ogos	95.1	95.1	95.1	101.0	101.0	101.0
		Sep	95.1	95.1	95.1	101.0	101.0	101.0
		Okt	95.1	95.1	95.1	101.0	101.0	101.0
		Nov	95.1	95.1	95.1	101.0	101.0	101.0
		Dis	95.1	95.1	95.1	101.0	101.0	101.0
		2022 Jan	95.1	95.1	95.1	101.0	101.0	101.0
		Feb	103.7	103.7	103.7	110.2	110.2	110.2
		Mac	103.7	103.7	103.7	110.2	110.2	110.2
		Apr	103.7	103.7	103.7	110.2	110.2	110.2
		Mei	103.7	103.7	103.7	110.2	110.2	110.2

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

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

(Julai 2017=100)

(July 2017=100)

Bahan Item			Tempoh Period	Kawasan Region					
				Sabah			Sarawak		
				G	H	I	J	K	L
Bahan binaan Building materials									
2.15	Konkrit Sedia Bancuh Ready Mix Concrete	2021	Mei	109.2	99.8	98.9	100.6	98.4	94.1
			Jun	109.2	99.8	98.9	100.6	98.4	94.1
			Jul	109.2	99.8	98.9	100.6	98.4	94.1
			Ogos	109.2	99.8	98.9	100.6	98.4	94.1
			Sep	109.2	99.8	98.9	100.6	98.4	94.1
			Okt	109.2	99.8	98.9	100.6	98.4	94.1
			Nov	109.2	99.8	98.9	100.6	98.4	94.1
			Dis	109.2	103.1	98.9	103.2	98.4	94.1
		2022	Jan	114.1	104.8	98.9	103.2	98.4	93.7
			Feb	114.1	105.6	98.9	103.2	101.0	93.7
			Mac	114.1	105.6	98.9	106.8	101.8	96.3
			Apr	114.1	105.6	98.9	110.7	102.4	97.8
			Mei	114.1	105.6	98.9	111.5	102.4	97.8
2.16	Barang Besi Ironmongery	2021	Mei	106.1	97.9	100.0	113.3	100.8	100.0
			Jun	106.1	97.9	100.0	113.3	100.8	100.0
			Jul	108.8	97.9	100.0	113.3	100.8	100.0
			Ogos	109.9	97.9	100.0	113.3	100.8	100.0
			Sep	111.0	97.9	100.0	113.3	100.8	100.0
			Okt	114.8	97.9	100.0	113.3	100.8	100.0
			Nov	117.5	97.9	100.0	116.7	100.8	100.0
			Dis	120.2	97.9	100.0	116.7	100.8	100.0
		2022	Jan	124.6	97.9	100.0	116.7	100.8	100.0
			Feb	129.3	97.9	100.0	116.7	100.8	100.0
			Mac	131.8	97.9	100.0	116.7	100.8	100.0
			Apr	133.3	97.9	100.0	116.7	100.8	100.0
			Mei	136.8	97.9	100.0	116.7	100.8	100.0

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 10 kategori bangunan di Sabah untuk 3 kawasan iaitu Kota Kinabalu, Sandakan dan Tawau serta 8 kategori bangunan di Sarawak untuk 3 kawasan iaitu Kuching, Sibul dan Miri. 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 kategori bangunan disediakan oleh Jabatan Kerja Raya (JKR).
3. Indeks harga yang dilaporkan mengikut 6 kawasan seperti berikut:

G = Kota Kinabalu
H = Sandakan
I = Tawau
J = Kuching
K = Sibul
L = Miri
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 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 10 building categories in Sabah for 3 regions, namely Kota Kinabalu, Sandakan and Tawau and 8 building categories in Sarawak for 3 regions, namely Kuching, Sibul and Miri. 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 according to building categories are provided by Public Works Department (JKR).*
3. *Prices index reported according to 6 regions as follows:*

G = Kota Kinabalu
H = Sandakan
I = Tawau
J = Kuching
K = Sibul
L = Miri
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.)

TECHNICAL NOTES (cont'd)

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	<u>129.3</u>
	<u>1.2</u>

8. Perubahan Peratus

Perubahan mata indeks dibahagi dengan indeks sebelumnya, didarab dengan 100.

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

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

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

R.C	= Reinforced Concrete
n.a	= Not available
r	= Revised

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>					
	Sabah			Sarawak		
	G	H	I	J	K	L
1. Bangunan (K.T.) Satu Tingkat <i>Single Storey (R.C.) Building</i>	1.0458	1.0747	1.0323	1.0768	1.0634	1.0501
2. Bangunan (K.T.) 2–4 Tingkat (Berbumbung Rata) <i>2–4 Storey (R.C.) Building (Flat Roof)</i>	1.0448	1.0537	1.0303	1.0880	1.0857	1.0574
3. Bangunan (K.T.) 2–4 Tingkat (Berbumbung Curam) <i>2–4 Storey (R.C.) Building (Pitched Roof)</i>	1.0418	1.0567	1.0283	1.0889	1.0777	1.0553
4. Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Penginapan) <i>5 Storey and Above (R.C.) Building (For Accommodation)</i>	1.0408	1.0467	1.0273	1.0889	1.0776	1.0543
5. Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Pejabat) <i>5 Storey and Above (R.C.) Building (for Office)</i>	1.0387	1.0498	1.0304	1.0929	1.0797	1.0543
6. Bangunan Kayu <i>Timber Buildings</i>	1.0150	1.0391	1.0090	1.0389	1.0355	1.0353
7. Cerucuk Kayu <i>Timber Piling</i>	1.0000	1.0000	1.0000	n.a.	n.a.	n.a.
8. Cerucuk (K.T.) <i>(R.C.) Piling</i>	1.0158	1.0000	1.0634	1.0929	1.0772	1.0393
9. Kerangka Besi Satu Tingkat (Bangunan) <i>Single Storey Steel (Building)</i>	1.0208	1.0490	1.0179	1.0659	1.0317	1.0225
10. Kerangka Besi Satu Tingkat (Menara Sahaja) <i>Single Storey Steel (Tower Only)</i>	1.0138	1.0084	1.0170	n.a.	n.a.	n.a.

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

Kategori <i>Category</i>	Faktor pelarasan mengikut kawasan* <i>Adjustment factor by region*</i>					
	Sabah			Sarawak		
	G	H	I	J	K	L
1. Bangunan (K.T.) Satu Tingkat <i>Single Storey (R.C.) Building</i>	1.0187	1.0584	1.0179	1.0565	1.0431	1.0508
2. Bangunan (K.T.) 2–4 Tingkat (Berbumbung Rata) <i>2–4 Storey (R.C.) Building (Flat Roof)</i>	1.0167	1.0386	1.0149	1.0674	1.0547	1.0580
3. Bangunan (K.T.) 2–4 Tingkat (Berbumbung Curam) <i>2–4 Storey (R.C.) Building (Pitched Roof)</i>	1.0188	1.0437	1.0159	1.0704	1.0509	1.0570
4. Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Penginapan) <i>5 Storey and Above (R.C.) Building (For Accommodation)</i>	1.0098	1.0326	1.0109	1.0693	1.0499	1.0560
5. Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Pejabat) <i>5 Storey and Above (R.C.) Building (for Office)</i>	1.0039	1.0325	1.0109	1.0712	1.0508	1.0560
6. Bangunan Kayu <i>Timber Buildings</i>	1.0130	1.0380	1.0080	1.0357	1.0334	1.0363
7. Cerucuk Kayu <i>Timber Piling</i>	1.0000	1.0000	1.0000	n.a.	n.a.	n.a.
8. Cerucuk (K.T.) <i>(R.C.) Piling</i>	0.9472	0.9885	0.9971	1.0426	1.0215	1.0487
9. Kerangka Besi Satu Tingkat (Bangunan) <i>Single Storey Steel (Building)</i>	1.0178	1.0479	1.0159	1.0593	1.0253	1.0255
10. Kerangka Besi Satu Tingkat (Menara Sahaja) <i>Single Storey Steel (Tower Only)</i>	1.0108	1.0084	1.0160	n.a.	n.a.	n.a.

**Contoh pengiraan indeks lama IKB
(Julai 2012=100) dengan menggunakan indeks ba-
ru IKB (Julai 2017=100)**

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

1. Contoh mengira indeks lama (tanpa bar keluli) bagi bulan Julai 2018 untuk kategori Bangunan (K.T) Satu Tingkat bagi kawasan A adalah seperti berikut:

I^j lama Julai 2018 = FP (seperti di **Lampiran A**) x I^j baru Julai 2018

iaitu, indeks lama Julai 2018:

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

2. Contoh mengira indeks lama (termasuk bar keluli) bagi bulan Julai 2018 untuk kategori Bangunan Kayu bagi kawasan F adalah seperti berikut:

I^j lama Julai 2018 = FP (seperti di **Lampiran B**) x I^j baru Julai 2018

iaitu, indeks lama Julai 2018:

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

di mana,

FP = Faktor Pelarasan

I^j = Indeks bagi kategori bangunan j

j = 1, 8

1. Example for calculating the old index (without steel bars) for the month of July 2018 for Single Storey (R.C) Building in region A is as follows:

Old I^j for July 2018 = AF (as in **Appendix A**) x new I^j for July 2018

i.e. old index for July 2018:

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

2. Example for calculating the old index (with steel bars) for the month of July 2018 for Timber Building in region F is as follows:

Old I^j for July 2018 = AF (as in **Appendix B**) x new I^j for July 2018

i.e. old index for July 2018:

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

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), Sabah & Sarawak, 2022
Scheduled Release Dates for Special Release 2
(For Building and Structural Works), Sabah & Sarawak, 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	09 Januari <i>09 January</i>