



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)

JULAI
JULY 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 diperolehi 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: 10 Ogos 2022
Date: August

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 Ogos 2022 / *Published on August 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 <i>Summary of findings</i>	7
 Jadual 1A : Indeks kos bahan binaan bangunan (Julai 2017=100) mengikut kategori bangunan dan kawasan (tanpa bar keluli) <i>Table 1A</i> : <i>Building materials cost index (July 2017=100) by category of building and region (without steel bars)</i>	11
 Jadual 1B : Indeks kos bahan binaan bangunan (Julai 2017=100) mengikut kategori bangunan dan kawasan (termasuk bar keluli) <i>Table 1B</i> : <i>Building materials cost index (July 2017=100) by category of building and region (with steel bars)</i>	15
 Jadual 2 : Indeks harga seunit bagi: <i>Table 2</i> : <i>Unit price index for:</i>	19
- 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>		27
Lampiran A <i>Appendix A</i>	Jadual faktor pelarasan (indeks tanpa bar keluli) <i>Adjustment factor table (index without steel bars)</i>	31
Lampiran B <i>Appendix B</i>	Jadual faktor pelarasan (indeks termasuk bar keluli) <i>Adjustment factor table (index with steel bars)</i>	32
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>	33
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>	34

RINGKASAN PENEMUAN

SUMMARY OF FINDINGS

Muka surat ini sengaja dibiarkan kosong.

This page is deliberately left blank.

INDEKS KOS BAHAN BINAAN BANGUNAN SABAH & SARAWAK , (JULAI 2017=100) JULAI 2022



Indeks Kos Bahan Binaan (IKB) (tanpa bar keluli & termasuk bar keluli) di **Sabah** menunjukkan peningkatan bagi hampir keseluruhan kategori bangunan antara **0.2** dan **1.1** peratus pada Julai 2022 berbanding pada bulan sebelumnya.

Perubahan Peratus Bulan ke Bulan Indeks Harga Seunit Bahan Binaan

BESI	Kota Kinabalu -2.5 mata Sandakan -0.1 mata Tawau 1.5 mata	BAHAN KERJA PAIP	Kota Kinabalu 2.6 mata Sandakan 3.4 mata Tawau 0.2 mata
BATU BAUR	Kota Kinabalu 3.7 mata Sandakan 3.2 mata Tawau -2.8 mata	JUBIN LANTAI & DINDING	Kota Kinabalu 0.5 mata
PASIR	Kota Kinabalu 9.5 mata	LENGKAPAN KEBERSIHAN	Kota Kinabalu 1.2 mata Sandakan 0.6 mata
BATU BATA & DINDING	Kota Kinabalu 0.6 mata	KACA	Kota Kinabalu 0.6 mata Sandakan 2.3 mata
KAYU	Bagi semua kawasan di Sabah 0.2 mata	CAT	Kota Kinabalu 3.4 mata Sandakan 0.2 mata Tawau -0.5 mata
BAHAN SILING	Kota Kinabalu 2.2 mata Sandakan 3.2 mata	PAPAN LAPIS	Bagi semua kawasan di Sabah 1.8 mata
KERATAN KELULI & LOGAM	Kota Kinabalu 0.4 mata	BARANG BESI	Kota Kinabalu 3.8 mata

NOTA: angka merujuk kepada mata peratus



Indeks Kos Bahan Binaan (IKB) (tanpa bar keluli & termasuk bar keluli) di **Sarawak** menunjukkan peningkatan di antara **0.5** dan **2.4** peratus bagi hampir semua kategori

Perubahan Peratus Bulan ke Bulan Indeks Harga Seunit Bahan Binaan

SIMEN	Kuching 0.2 mata Sibu 2.4 mata	JUBIN LANTAI & DINDING	Kuching 0.3 mata Sibu 3.7 mata Miri -0.3 mata
BESI	Kuching -0.3 mata Sibu 1.4 mata Miri 1.3 mata	LENGKAPAN KEBERSIHAN	Kuching -0.6 mata Sibu -0.2 mata
BATU BAUR	Kuching 1.4 mata Miri 2.7 mata	KACA	Miri 3.7 mata
BATU BATA & DINDING	Kuching 0.5 mata Miri 3.7 mata	CAT	Kuching 1.1 mata Sibu 1.7 mata Miri 2.2 mata
BAHAN BUMBUNG	Kuching 0.3 mata Sibu 3.9 mata	PAPAN LAPIS	Bagi semua kawasan di Sarawak 1.8 mata
BAHAN SILING	Sibu 2.0 mata Miri 2.2 mata	KONKRIT SEDIA BANCUH	Sibu 1.0 mata Miri 1.4 mata
KERATAN KELULI & LOGAM	Kuching -3.4 mata Sibu 3.9 mata Miri -3.4 mata	BARANG BESI	Miri 3.6 mata
BAHAN KERJA PAIP	Kuching -2.8 mata Sibu 2.2 mata		

NOTA: angka merujuk kepada mata peratus



BUILDING MATERIAL COST INDEX SABAH & SARAWAK , (JULAI 2017=100) JULY 2022



Sabah

The Building Material Cost (BCI) (without steel bars & with steel bars) in **Sabah** showed an increase of almost entire building category between 0.2 and 1.1 per cent for all building

The Unit Price Indices Of Building Materials That Showed Changes Month To Month

STEEL	Kota Kinabalu -2.5 points Sandakan -0.1 points Tawau 1.5 points	PLUMBING	Kota Kinabalu 2.6 points Sandakan 3.4 points Tawau 0.2 points
AGGREGATES	Kota Kinabalu 3.7 points Sandakan 3.2 points Tawau -2.8 points	FLOOR & WALL TILES	Kota Kinabalu 0.5 points
SAND	Kota Kinabalu 9.5 points	SANITARY FITTINGS	Kota Kinabalu 1.2 points Sandakan 0.6 points
BRICKS AND WALL	Kota Kinabalu 0.6 points	GLASS	Kota Kinabalu 0.6 points Sandakan 2.3 points
TIMBER	For all areas in sabah 0.2 points	PAINTS	Kota Kinabalu 3.4 points Sandakan 0.2 points Tawau -0.5 points
CEILING MATERIALS	Kota Kinabalu 2.2 points Sandakan 3.2 points	PLYWOOD	For all areas in sabah 1.8 points
STEEL & METAL SECTIONS	Kota Kinabalu 0.4 points	IRONMONGERIES	Kota Kinabalu 3.8 points

NOTE: figures refer to percentage points



Sarawak

The Building Material Cost (BCI) (without steel bars & with steel bars) in **Sarawak** showed an increase between 0.5 and 2.4 per cent for almost all categories of building and region

The Unit Price Indices Of Building Materials That Showed Changes Month To Month

CEMENT	Kuching 0.2 points Sibu 2.4 points	FLOOR & WALL TILES	Kuching 0.3 points Sibu 3.7 points Miri -0.3 points
STEEL	Kuching -0.3 points Sibu 1.4 points Miri 1.3 points	SANITARY FITTINGS	Kuching -0.6 points Sibu -0.2 points
AGGREGATES	Kuching 1.4 points Miri 2.7 points	GLASS	Miri 3.7 points
BRICKS AND WALL	Kuching 0.5 points Miri 3.7 points	PAINTS	Kuching 1.1 points Sibu 1.7 points Miri 2.2 points
ROOFING MATERIALS	Kuching 0.3 points Sibu 3.9 points	PLYWOOD	For all areas in sabah 1.8 points
CEILING MATERIAL	Sibu 2.0 points Miri 2.2 points	READY MIX CONCRETE	Sibu 1.0 points Miri 1.4 points
STEEL & METAL SECTIONS	Kuching -3.4 points Sibu 3.9 points Miri -3.4 points	IRONMONGERIES	Miri 3.6 points
PLUMBING MATERIALS	Kuching -2.8 points Sibu 2.2 points		

NOTE: figures refer to percentage points

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 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
	Jun	115.8	108.2	105.4	117.6	107.0	116.6
	Jul	116.7	108.7	105.5	116.7	109.6	116.2
1.A.2 Bangunan (K.T.) 2-4 Tingkat (Berbumbung Rata) <i>2-4 Storey (R.C.) Building (Flat Roof)</i>	2021 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
	Jun	114.4	107.8	106.9	113.9	105.6	109.0
	Jul	115.6	108.3	107.0	113.5	107.5	109.6
1.A.3 Bangunan (K.T.) 2-4 Tingkat (Berbumbung Curam) <i>2-4 Storey (R.C.) Building (Pitched Roof)</i>	2021 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
	Jun	114.5	107.6	106.6	115.6	106.2	112.4
	Jul	115.5	108.2	106.7	114.9	108.3	112.5

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 <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 Jul	104.1	98.7	100.6	107.5	99.1	102.1
		104.7	98.9	100.5	107.7	99.1	102.1
	Ogos	104.8	99.4	100.7	107.7	99.1	102.9
	Sep	105.3	99.6	100.9	107.8	99.1	103.8
	Okt	105.9	99.7	101.1	108.8	99.2	105.1
	Nov	107.0	101.0	101.3	110.1	99.9	106.1
	Dis	109.5	103.1	103.0	114.5	100.8	116.2
	2022 Jan	111.9	103.8	105.2	111.2	101.5	108.0
		112.1	104.7	105.3	112.7	101.9	109.5
	Feb	113.2	105.7	105.6	114.7	103.3	111.2
	Mac	114.0	106.8	105.8	115.5	104.6	112.1
	Apr	115.0	107.5	106.4	115.6	106.2	112.4
	Mei	116.2	108.1	106.5	114.9	108.3	112.4
	Jun						
	Jul						
1.A.5 Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Pejabat) <i>5 Storey and Above (R.C.) Building (For Office)</i>	2021 Jul	104.6	97.6	100.5	107.5	99.1	102.1
		105.2	97.7	100.4	107.7	99.1	102.1
	Ogos	105.4	98.4	100.8	107.7	99.1	102.9
	Sep	105.9	98.5	101.1	107.8	99.1	103.8
	Okt	106.6	98.6	101.5	108.8	99.2	105.1
	Nov	107.7	99.9	101.8	110.1	99.9	106.1
	Dis	110.0	102.0	103.3	110.4	100.0	107.8
	2022 Jan	112.5	102.9	105.5	111.2	101.5	108.0
		112.9	103.8	105.5	112.7	101.9	109.5
	Feb	114.1	104.8	105.7	114.7	103.3	111.2
	Mac	114.8	106.0	105.8	115.5	104.6	112.1
	Apr	115.8	106.6	106.3	115.6	106.2	112.4
	Mei	116.9	107.4	106.4	114.9	108.3	112.4
	Jun						
	Jul						
1.A.6 Bangunan Kayu <i>Timber Building</i>	2021 Jul	102.2	99.8	100.3	105.6	99.5	101.3
		102.3	99.9	100.3	105.7	99.5	101.3
	Ogos	102.4	100.1	100.4	105.8	99.5	101.7
	Sep	102.7	100.2	100.5	105.9	100.1	102.2
	Okt	103.2	100.3	100.6	106.5	100.8	102.9
	Nov	104.2	101.3	101.1	106.9	101.8	103.4
	Dis	106.7	103.4	102.8	110.4	100.0	107.8
	2022 Jan	108.2	103.7	103.3	111.0	103.6	105.1
		108.4	104.1	103.4	111.2	103.7	105.7
	Feb	108.8	104.9	104.1	115.2	104.6	106.5
	Mac	109.5	105.4	104.4	115.6	105.9	107.4
	Apr	111.0	106.7	105.6	115.7	107.3	107.8
	Mei	111.8	107.1	105.8	115.4	108.9	108.0
	Jun						
	Jul						

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.7 Cerucuk Kayu <i>Timber Piling</i>	2021 Jul Ogos Sep Okt Nov	99.7	99.7	99.7	n.a.	n.a.	n.a.
		99.7	99.7	99.7	n.a.	n.a.	n.a.
		99.7	99.7	99.7	n.a.	n.a.	n.a.
		99.7	99.7	99.7	n.a.	n.a.	n.a.
		99.7	99.7	99.7	n.a.	n.a.	n.a.
	2022 Dis Jan Feb Mac Apr Mei Jun Jul	100.5	100.5	100.5	n.a.	n.a.	n.a.
		103.2	103.2	103.2	n.a.	n.a.	n.a.
		104.9	103.2	103.2	n.a.	n.a.	n.a.
		104.9	103.2	103.2	n.a.	n.a.	n.a.
		104.4	104.4	104.4	n.a.	n.a.	n.a.
		104.7	104.7	104.7	n.a.	n.a.	n.a.
		106.4	106.4	106.4	n.a.	n.a.	n.a.
		106.6	106.6	106.6	n.a.	n.a.	n.a.
1.A.8 Cerucuk K.T. <i>R.C. Piling</i>	2021 Jul Ogos Sep Okt Nov	107.7	99.0	98.3	104.5	98.8	98.3
		107.9	99.0	98.3	104.5	98.8	98.3
		107.9	99.0	98.3	104.5	98.8	99.0
		107.9	99.0	98.3	104.5	98.9	99.6
		107.9	99.0	98.3	104.9	98.9	100.1
	2022 Dis Jan Feb Mac Apr Mei Jun Jul	108.3	101.9	98.4	106.9	99.4	100.8
		112.5	103.7	99.1	110.4	101.4	104.9
		113.5	104.7	100.0	107.8	102.1	102.1
		113.5	105.0	100.0	110.6	102.7	104.4
		113.8	105.3	100.1	114.0	103.6	106.3
		113.8	105.7	100.1	114.8	104.2	106.7
		113.9	105.7	100.1	114.8	104.7	106.7
		114.3	105.8	100.2	114.3	106.3	107.2
1.A.9 Kerangka Besi Satu Tingkat (Bangunan) <i>Single Storey Steel Frame (Building)</i>	2021 Jul Ogos Sep Okt Nov	119.6	109.8	101.8	111.7	99.3	106.3
		121.0	110.4	101.8	111.9	99.3	106.3
		121.4	112.9	101.9	111.9	99.3	107.9
		121.8	114.4	101.9	112.0	99.4	109.4
		123.7	115.4	102.0	113.4	99.5	111.4
	2022 Dis Jan Feb Mac Apr Mei Jun Jul	124.5	118.1	102.1	114.4	100.6	113.1
		127.2	119.4	102.3	106.9	99.3	101.6
		127.8	119.8	102.8	115.7	102.0	116.3
		128.2	120.4	102.8	116.7	102.3	117.9
		130.8	120.6	102.9	118.4	104.1	120.2
		131.2	121.0	103.0	119.3	106.1	121.6
		131.8	121.3	103.2	119.3	108.3	121.8
		132.6	121.5	103.2	117.9	110.9	120.8

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					
				Sabah			Sarawak		
				G	H	I	J	K	L
1.A.10	Kerangka Besi	2021	Jul	132.8	116.7	99.9	n.a.	n.a.	n.a.
	Satu Tingkat		Ogos	135.5	117.6	99.9	n.a.	n.a.	n.a.
	(Menara Sahaja)		Sep	136.2	121.6	99.9	n.a.	n.a.	n.a.
	Single Storey		Okt	136.4	124.2	99.9	n.a.	n.a.	n.a.
	Steel Frame		Nov	138.7	125.9	99.9	n.a.	n.a.	n.a.
	(Tower Only)		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.
			Jun	146.7	131.4	100.2	n.a.	n.a.	n.a.
			Jul	147.4	131.4	100.2	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.) Building</i>	2021 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
	Jun	122.4	116.3	111.9	124.2	109.5	121.9
	Jul	122.6	116.8	112.3	123.3	111.9	122.0
1.B.2 Bangunan (K.T.) 2–4 Tingkat (Berbumbung Rata) <i>2–4 Storey (R.C.) Building (Flat Roof)</i>	2021 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
	Jun	122.0	116.8	113.7	121.0	108.3	115.7
	Jul	122.3	117.2	114.2	120.5	110.1	116.5
1.B.3 Bangunan (K.T.) 2–4 Tingkat (Berbumbung Curam) <i>2–4 Storey (R.C.) Building (Pitched Roof)</i>	2021 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
	Jun	120.7	115.0	112.2	121.9	108.6	118.0
	Jul	120.9	115.5	112.6	121.2	110.6	118.5

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>					
		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 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
	Jun	123.1	117.4	113.9	121.9	108.6	118.0
	Jul	123.3	117.9	114.5	121.3	110.6	118.5
1.B.5 Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Pejabat) <i>5 Storey and Above (R.C.) Building (For Office)</i>	2021 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
	Jun	125.1	118.4	115.1	122.2	108.7	118.3
	Jul	125.1	118.9	115.7	121.6	110.7	118.8
1.B.6 Bangunan Kayu <i>Timber Building</i>	2021 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
	Jun	111.7	107.5	106.3	116.6	107.6	108.8
	Jul	112.5	108.0	106.5	116.4	109.2	109.0

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 <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 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.
	Jun	106.4	106.4	106.4	n.a.	n.a.	n.a.
	Jul	106.6	106.6	106.6	n.a.	n.a.	n.a.
1.B.8 Cerucuk K.T. <i>R.C. Piling</i>	2021 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
	Jun	137.5	134.7	125.0	130.8	111.3	123.3
	Jul	135.5	134.7	126.3	130.3	112.9	124.4
1.B.9 Kerangka Besi Satu Tingkat (Bangunan) <i>Single Storey Steel Frame (Building)</i>	2021 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
	Jun	132.6	122.5	104.5	121.8	109.2	123.6
	Jul	133.3	122.7	104.7	120.5	111.7	122.8

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 Satu Tingkat (Menara Sahaja) Single Storey Steel Frame (Tower Only)	2021 Jul	132.9	117.0	100.4	n.a.	n.a.	n.a.	
		Ogos	135.6	117.8	100.4	n.a.	n.a.	n.a.	
		Sep	136.3	121.8	100.5	n.a.	n.a.	n.a.	
		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.	
		Jun	146.8	131.8	100.9	n.a.	n.a.	n.a.	
		Jul	147.5	131.8	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,engkapan 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)

			Kawasan* Region					
Bahan Item	Tempoh Period	Sabah				Sarawak		
		G	H	I	J	K	L	
Bahan binaan Building materials								
2.1	Simen Cement	2021 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
		Jun	121.9	109.0	104.9	115.8	114.9	100.0
		Jul	121.9	109.0	104.9	116.0	117.6	100.0
2.2	Besi Steel	2021 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
		Jun	155.6	156.9	144.1	149.4	119.0	142.6
		Jul	151.7	156.8	146.2	148.8	120.6	144.4
2.3	Batu Bata & Dinding Bricks & Wall	2021 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
		Jun	96.4	111.9	116.9	121.2	107.2	115.3
		Jul	97.0	111.9	116.9	121.7	107.2	119.6

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						
			Sabah			Sarawak			
Bahan Item	Tempoh Period		G	H	I	J	K	L	
Bahan binaan Building materials									
2.4	Kaca Glass	2021	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
		2022	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
			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
			Jun	124.6	109.5	126.1	124.5	113.4	120.1
			Jul	125.3	112.0	126.1	124.5	113.4	124.5
2.5	Batu Baur Aggregates	2021	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
		2022	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
			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
			Jun	106.8	103.3	97.4	111.8	96.9	102.3
			Jul	110.8	106.6	94.7	113.3	96.9	105.1
2.6	Bahan Siling Ceiling Materials	2021	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
		2022	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
			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
			Jun	113.3	95.4	100.0	102.3	102.0	106.9
			Jul	115.8	98.5	100.0	102.3	104.0	109.2

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)

			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 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
		Jun	121.7	111.7	100.0	121.2	104.6	111.7
		Jul	121.7	111.7	100.0	121.5	108.7	111.7
2.8	Cat Paints	2021 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
		Jun	116.2	106.8	115.1	108.9	110.7	111.6
		Jul	120.1	107.0	114.5	110.1	112.6	114.1
2.9	Pasir Sand	2021 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
		Jun	103.2	100.0	100.0	113.0	100.0	84.5
		Jul	113.0	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 Item			Tempoh Period		Kawasan Region				
					Sabah		Sarawak		
									G
Bahan binaan Building materials									
2.10	Bahan Kerja Paip Plumbing Materials	2021	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
		2022	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
			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
			Jun	116.8	123.0	116.6	114.1	111.0	110.1
			Jul	119.9	127.3	116.8	110.9	113.4	110.1
2.11	Jubin Lantai & Dinding Floor & Wall Tiles	2021	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
		2022	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
			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
			Jun	114.4	95.0	94.6	104.6	102.3	102.2
			Jul	115.0	95.0	94.6	104.9	106.1	101.9
2.12	Lengkapan Kebersihan Sanitary Fittings	2021	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
		2022	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
			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
			Jun	128.1	101.1	106.7	104.2	104.5	98.9
			Jul	129.6	101.8	106.7	103.5	104.3	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>			Kawasan					
			<i>Region</i>					
			Sabah			Sarawak		
Tempoh <i>Period</i>	G	H	I	J	K	L		
Bahan binaan <i>Building materials</i>								
2.13 Keratan Keluli & Logam <i>Steel & Metal Sections</i>	2021 Jul Ogos Sep Okt Nov Dis Jan Feb Mac Apr Mei Jun Jul	134.9	118.1	100.0	128.3	99.9	120.4	
		137.7	119.0	100.0	128.5	99.9	120.4	
		138.5	123.3	100.0	128.5	99.9	125.2	
		138.7	126.1	100.0	128.5	99.9	129.3	
		141.2	127.9	100.0	131.2	99.9	133.4	
		141.4	132.0	100.0	131.7	103.0	138.1	
		144.8	132.9	100.0	132.3 ^r	103.0	145.8	
		144.8	132.9	100.0	132.5	103.5	145.8	
		145.2	133.3	100.0	132.7	103.7	148.5	
		148.9	133.3	100.0	133.4	107.3	154.1	
		149.0	133.3	100.0	135.1	111.5	156.6	
		149.2	133.3	100.0	134.6	115.2	157.0	
		149.8	133.3	100.0	130.1	119.7	151.7	
2.14.a Kayu <i>Timber</i>	2021 Jul Ogos Sep Okt Nov Dis Jan Feb Mac Apr Mei Jun Jul	99.7	99.7	99.7	100.0	100.0	100.0	
		99.7	99.7	99.7	100.0	100.0	100.0	
		99.7	99.7	99.7	100.0	100.0	100.0	
		99.7	99.7	99.7	100.0	101.4	100.0	
		99.7	99.7	99.7	100.0	103.1	100.0	
		100.5	100.5	100.5	100.0	105.2	100.0	
		103.2	103.2	103.2	107.7	104.0	100.0	
		104.9	103.2	103.2	107.7	107.8	100.0	
		103.2	103.2	103.2	107.7	107.8	100.0	
		104.4	104.4	104.4	115.8	107.8	100.0	
		104.7	104.7	104.7	115.8	107.8	100.0	
		106.4	106.4	106.4	115.8	107.8	100.0	
		106.6	106.6	106.6	115.8	107.8	100.0	
2.14.b Papan Lapis <i>Plywood</i>	2021 Jul Ogos Sep Okt Nov Dis Jan Feb Mac Apr Mei Jun Jul	95.1	95.1	95.1	101.0	101.0	101.0	
		95.1	95.1	95.1	101.0	101.0	101.0	
		95.1	95.1	95.1	101.0	101.0	101.0	
		95.1	95.1	95.1	101.0	101.0	101.0	
		95.1	95.1	95.1	101.0	101.0	101.0	
		95.1	95.1	95.1	101.0	101.0	101.0	
		95.1	95.1	95.1	101.0	101.0	101.0	
		103.7	103.7	103.7	110.2	110.2	110.2	
		103.7	103.7	103.7	110.2	110.2	110.2	
		103.7	103.7	103.7	110.2	110.2	110.2	
		103.7	103.7	103.7	110.2	110.2	110.2	
		103.7	103.7	103.7	110.2	110.2	110.2	
		103.7	103.7	103.7	110.2	110.2	110.2	
105.6	105.6	105.6	112.2	112.2	112.2			

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 <i>Item</i>			Tempoh <i>Period</i>		Kawasan <i>Region</i>			
					Sabah		Sarawak	
Bahan binaan <i>Building materials</i>								
2.15	Konkrit Sedia Bancuh <i>Ready Mix Concrete</i>	2021 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
		Jun	114.1	105.6	98.9	111.5	102.4	97.8
		Jul	114.1	105.6	98.9	111.5	103.4	99.1
2.16	Barang Besi <i>Ironmongery</i>	2021 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
		Jun	140.8	97.9	100.0	116.7	100.8	100.0
		Jul	146.1	97.9	100.0	116.7	100.8	103.6

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.)

6. Pengiraan perubahan indeks
- IKB mengukur perubahan harga dari suatu tempoh rujukan yang ditetapkan, iaitu (Julai 2017=100).
 - 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.

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

TECHNICAL NOTES (cont'd)

6. Index change calculation

- The BCI measures price changes from a designated period, i.e. (July 2017=100).
- 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>