



**SIARAN KHAS** **2**  
*Special Release*

**SABAH & SARAWAK**

**(UNTUK KERJA-KERJA PEMBINAAN BANGUNAN  
DAN STRUKTUR)**

*(For Building and Structural Works)*

**JUN** **2017**  
*JUNE*

**JABATAN PERANGKAAN MALAYSIA**  
*DEPARTMENT OF STATISTICS, MALAYSIA*

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**RINGKASAN PENEMUAN**  
*SUMMARY OF FINDINGS*

## Indeks Kos Bahan Binaan Bangunan Jun 2017

### Sabah

Indeks Kos Bahan Binaan Bangunan (IKB) (tanpa bar keluli) di Sabah mencatatkan peningkatan bagi hampir semua kategori bangunan di Tawau pada Jun 2017. Manakala IKB di Kota Kinabalu dan Sandakan tidak berubah berbanding bulan sebelumnya. (Jadual 1A)

IKB (termasuk bar keluli) di Sabah menunjukkan penurunan bagi hampir semua kategori bangunan kecuali bangunan (K.T.) satu tingkat, bangunan (K.T.) 2-4 tingkat (berbumbung rata) dan kerangka besi satu tingkat (menara sahaja) di Tawau yang menunjukkan peningkatan 0.1 peratus berbanding bulan sebelumnya. (Jadual 1B)

Indeks harga seunit bahan binaan yang menyumbang kepada perubahan IKB di Sabah adalah besi di Kota Kinabalu (-1.0 mata), Sandakan (-1.9 mata) dan Tawau (-0.4 mata); keratan keluli & logam di Kota Kinabalu (-0.1 mata); bahan kerja paip di Sandakan (0.1 mata) dan Tawau (1.3 mata); cat di Sandakan (0.1 mata) dan konkrit sedia bancuh di Tawau (0.8 mata). (Jadual 2)

## Building Material Cost Index June 2017

### Sabah

*The Building Material Cost Index (BCI) (without steel bars) in Sabah recorded increases for almost all building categories in Tawau in June 2017. Meanwhile the BCI in Kota Kinabalu and Sandakan remained unchange as compared to the previous month. (Table 1A)*

*The BCI (with steel bars) in Sabah showed decreases for almost all building categories except single storey (R.C.) building, 2-4 storey (R.C.) building (flat roof) and single storey steel frame (tower only) in Tawau which increased by 0.1 per cent as compared to the previous month. (Table 1B)*

*The unit price indices of building materials that contributed to the BCI changes in Sabah were steel in Kota Kinabalu (-1.0 points), Sandakan (-1.9 points) and Tawau (-0.4 points); steel & metal sections in Kota Kinabalu (-0.1 points); plumbing materials in Sandakan (0.1 points) and Tawau (1.3 points); paints in Sandakan (0.1 points) and ready mix concrete in Tawau (0.8 points). (Table 2)*

## **Sarawak**

Indeks Kos Bahan Binaan Bangunan (IKB) (tanpa bar keluli dan termasuk bar keluli) di Kuching dan Miri menunjukkan peningkatan bagi beberapa kategori bangunan pada Jun 2017. Manakala IKB di Sibu tidak menunjukkan perubahan berbanding bulan sebelumnya. (Jadual 1A & 1B)

Indeks harga seunit bahan binaan yang menunjukkan perubahan di Sarawak adalah besi di Kuching (3.1 mata); batu bata & dinding di Kuching (0.2 mata); keratan keluli & logam di Kuching (3.5 mata) dan Miri (0.2 mata) dan bahan besi di Kuching (9.1 mata). (Jadual 2)

## **Sarawak**

*The Building Material Cost Index (BCI) (without steel bars and with steel bars) in Kuching and Miri increased for several categories of buildings in June 2017. Meanwhile the BCI in Sibu remained unchange as compared to the previous month. (Table 1A & 1B)*

*The unit price indices of building materials that showed changes in Sarawak were steel in Kuching (3.1 points); bricks & wall in Kuching (0.2 points); steel & metal sections in Kuching (3.5 points) and Miri (0.2 points) and ironmongeries in Kuching (9.1 points). (Table 2)*

**INDEKS KOS BAHAN BINAAN BANGUNAN  
(JULAI 2012=100)  
SABAH DAN SARAWAK**

*BUILDING MATERIALS COST INDEX  
(JULY 2012=100)  
SABAH AND SARAWAK*

**(INDEKS TANPA BAR KELULI)  
(INDEX WITHOUT STEEL BARS)**

**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 2012=100)**

*(July 2012=100)*

Kategori bangunan <i>Category of building</i>	Tempoh <i>Period</i>	Kawasan* <i>Region</i>					
		Sabah			Sarawak		
		G	H	I	J	K	L
<b>(1) Bangunan (K.T.) Satu Tingkat <i>Single - Storey (R.C.) Building</i></b>	<b>2016 Dis</b>	104.3	107.5	102.9	106.2	105.5	104.0
	<b>2017 Jan</b>	104.4	107.5	102.9	106.4	105.6	104.1
	<b>Feb</b>	104.4	107.5	102.9	106.9	106.0	104.4
	<b>Mac</b>	104.4	107.5	103.0	107.1	106.1	104.5
	<b>Apr</b>	104.4	107.5	103.1	107.2	106.1	104.6
	<b>Mei</b>	104.4	107.5	103.2	107.0	106.1	104.6
	<b>Jun</b>	104.4	107.5	103.3	107.5	106.1	104.7
	<b>Jul</b>						
	<b>Ogos</b>						
	<b>Sept</b>						
	<b>Okt</b>						
	<b>Nov</b>						
	<b>Dis</b>						
<b>(2) Bangunan (K.T.) 2-4 Tingkat (Berbumbung Rata) <i>2-4 Storey (R.C.) Building (Flat Roof)</i></b>	<b>2016 Dis</b>	104.4	105.4	102.8	108.0	108.0	104.9
	<b>2017 Jan</b>	104.4	105.4	102.8	108.1	108.1	105.1
	<b>Feb</b>	104.4	105.4	102.8	108.2	108.3	105.3
	<b>Mac</b>	104.4	105.4	102.8	108.4	108.3	105.3
	<b>Apr</b>	104.4	105.4	103.0	108.6	108.3	105.4
	<b>Mei</b>	104.4	105.4	103.0	108.6	108.3	105.5
	<b>Jun</b>	104.4	105.4	103.2	109.0	108.3	105.5
	<b>Jul</b>						
	<b>Ogos</b>						
	<b>Sept</b>						
	<b>Okt</b>						
	<b>Nov</b>						
	<b>Dis</b>						
<b>(3) Bangunan (K.T.) 2-4 Tingkat (Berbumbung Curam) <i>2-4 Storey (R.C.) Building (Pitched Roof)</i></b>	<b>2016 Dis</b>	104.0	105.7	102.6	107.6	107.0	104.5
	<b>2017 Jan</b>	104.1	105.7	102.6	107.8	107.1	104.7
	<b>Feb</b>	104.1	105.7	102.6	108.1	107.4	105.0
	<b>Mac</b>	104.1	105.7	102.6	108.3	107.5	105.1
	<b>Apr</b>	104.1	105.7	102.8	108.6	107.5	105.2
	<b>Mei</b>	104.1	105.7	102.9	108.4	107.5	105.2
	<b>Jun</b>	104.1	105.7	103.0	109.0	107.5	105.2
	<b>Jul</b>						
	<b>Ogos</b>						
	<b>Sept</b>						
	<b>Okt</b>						
	<b>Nov</b>						
	<b>Dis</b>						

**Nota/Note:**

**K.T. = Konkrit Bertetulang/R.C. = Reinforced Concrete**

\* Lihat nota kaki di hujung Jadual 1A/See footnotes at end of Table 1A

**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 2012=100)**

*(July 2012=100)*

Kategori bangunan <i>Category of building</i>	Tempoh <i>Period</i>	Kawasan* <i>Region</i>					
		Sabah			Sarawak		
		G	H	I	J	K	L
<b>(4) Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Penginapan) 5 Storey and Above (R.C.) Building (For Accommodation)</b>	<b>2016 Dis</b>	103.9	104.8	102.5	107.7	107.1	104.5
	<b>2017 Jan</b>	104.0	104.8	102.5	107.8	107.2	104.7
	<b>Feb</b>	104.0	104.8	102.5	108.1	107.5	105.0
	<b>Mac</b>	104.0	104.8	102.5	108.4	107.6	105.0
	<b>Apr</b>	104.0	104.8	102.7	108.6	107.6	105.1
	<b>Mei</b>	104.0	104.8	102.7	108.5	107.6	105.2
	<b>Jun</b>	104.0	104.8	102.8	109.0	107.6	105.2
	<b>Jul</b>						
	<b>Ogos</b>						
	<b>Sept</b>						
	<b>Okt</b>						
	<b>Nov</b>						
	<b>Dis</b>						
<b>(5) Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Pejabat) 5 Storey and Above (R.C.) Building (For Office)</b>	<b>2016 Dis</b>	103.6	105.1	102.8	108.0	107.2	104.4
	<b>2017 Jan</b>	103.7	105.1	102.8	108.1	107.3	104.6
	<b>Feb</b>	103.7	105.1	102.8	108.4	107.7	105.0
	<b>Mac</b>	103.7	105.1	102.8	108.7	107.7	105.0
	<b>Apr</b>	103.7	105.1	103.0	108.9	107.7	105.1
	<b>Mei</b>	103.7	105.1	103.0	108.8	107.7	105.1
	<b>Jun</b>	103.7	105.1	103.1	109.3	107.7	105.2
	<b>Jul</b>						
	<b>Ogos</b>						
	<b>Sept</b>						
	<b>Okt</b>						
	<b>Nov</b>						
	<b>Dis</b>						
<b>(6) Bangunan Kayu Timber Building</b>	<b>2016 Dis</b>	101.3	104.0	100.8	103.2	103.0	102.8
	<b>2017 Jan</b>	101.4	104.0	100.8	103.2	103.0	102.9
	<b>Feb</b>	101.4	104.0	100.8	103.6	103.3	103.2
	<b>Mac</b>	101.4	104.0	100.8	103.7	103.4	103.2
	<b>Apr</b>	101.4	104.0	100.9	103.8	103.4	103.3
	<b>Mei</b>	101.4	104.0	100.9	103.6	103.4	103.4
	<b>Jun</b>	101.4	104.0	100.9	103.8	103.4	103.4
	<b>Jul</b>						
	<b>Ogos</b>						
	<b>Sept</b>						
	<b>Okt</b>						
	<b>Nov</b>						
	<b>Dis</b>						

Nota/Note:

K.T. = Konkrit Bertetulang/R.C. = Reinforced Concrete

\* Lihat nota kaki di hujung Jadual 1A/See footnotes at end of Table 1A

**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 2012=100)**

*(July 2012=100)*

Kategori bangunan <i>Category of building</i>	Tempoh <i>Period</i>	Kawasan* <i>Region</i>					
		Sabah			Sarawak		
		G	H	I	J	K	L
(7) Cerucuk Kayu <i>Timber Piling</i>	2016 Dis	100.0	100.0	100.0	na	na	na
	2017 Jan	100.0	100.0	100.0	na	na	na
	Feb	100.0	100.0	100.0	na	na	na
	Mac	100.0	100.0	100.0	na	na	na
	Apr	100.0	100.0	100.0	na	na	na
	Mei	100.0	100.0	100.0	na	na	na
	Jun	100.0	100.0	100.0	na	na	na
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						
	(8) Cerucuk K.T. <i>R.C. Piling</i>	2016 Dis	101.6	100.0	105.7	108.0	107.3
2017 Jan		101.6	100.0	105.7	108.2	107.3	103.7
Feb		101.6	100.0	105.7	108.5	107.5	103.7
Mac		101.6	100.0	105.7	108.6	107.7	103.8
Apr		101.6	100.0	105.8	108.8	107.7	103.8
Mei		101.6	100.0	105.8	108.7	107.7	103.8
Jun		101.6	100.0	106.3	109.3	107.7	103.9
Jul							
Ogos							
Sept							
Okt							
Nov							
Dis							
(9) Kerangka Besi Satu Tingkat (Bangunan) <i>Single Storey Steel Frame (Building)</i>		2016 Dis	99.7	105.2	101.8	103.1	101.8
	2017 Jan	100.8	105.2	101.8	103.5	101.9	101.0
	Feb	101.6	105.2	101.8	104.4	102.5	101.5
	Mac	101.6	105.2	101.8	104.8	102.8	101.6
	Apr	101.6	105.2	101.8	105.2	102.8	101.7
	Mei	101.6	105.2	101.8	104.8	102.8	101.8
	Jun	101.6	105.2	101.9	106.1	102.8	101.9
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						

Nota/Note:

K.T. = Konkrit Bertetulang/R.C. = Reinforced Concrete

na = Tidak diperolehi/Not available

\* Lihat nota kaki di hujung Jadual 1A/See footnotes at end of Table 1A

**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 2012=100)**

*(July 2012=100)*

Kategori bangunan <i>Category of building</i>	Tempoh <i>Period</i>	Kawasan* <i>Region</i>					
		Sabah			Sarawak		
		G	H	I	J	K	L
<b>(10) Kerangka Besi Satu Tingkat (Menara Sahaja) <i>Single Storey Steel Frame (Tower Only)</i></b>	<b>2016 Dis</b>	97.1	100.9	101.7	na	na	na
	<b>2017 Jan</b>	99.1	100.9	101.7	na	na	na
	<b>Feb</b>	100.4	100.9	101.7	na	na	na
	<b>Mac</b>	100.5	100.9	101.7	na	na	na
	<b>Apr</b>	100.5	100.9	101.7	na	na	na
	<b>Mei</b>	100.5	100.9	101.7	na	na	na
	<b>Jun</b>	100.5	100.9	101.7	na	na	na
	<b>Jul</b>						
	<b>Ogos</b>						
	<b>Sept</b>						
	<b>Okt</b>						
	<b>Nov</b>						
	<b>Dis</b>						

**Nota/Note:**

**K.T. = Konkrit Bertetulang/R.C. = Reinforced Concrete**

**na = Tidak diperoleh/Not available**

**\* Kawasan/Region**

**G = Kota Kinabalu**

**H = Sandakan**

**I = Tawau**

**J = Kuching**

**K = Sibiu**

**L = Miri**

**INDEKS KOS BAHAN BINAAN BANGUNAN  
(JULAI 2012=100)  
SABAH DAN SARAWAK**

*BUILDING MATERIALS COST INDEX  
(JULY 2012=100)  
SABAH AND SARAWAK*

**(INDEKS TERMASUK BAR KELULI)  
(INDEX WITH STEEL BARS)**

**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 2012=100)**

*(July 2012=100)*

Kategori bangunan <i>Category of building</i>	Tempoh <i>Period</i>	Kawasan* <i>Region</i>					
		Sabah			Sarawak		
		G	H	I	J	K	L
<b>(1) Bangunan (K.T.) Satu Tingkat <i>Single - Storey (R.C.) Building</i></b>	<b>2016 Dis</b>	100.4	106.1	99.9	104.1	103.1	104.3
	<b>2017 Jan</b>	101.1	106.2	100.6	104.5	103.5	104.4
	<b>Feb</b>	101.6	106.2	101.1	105.0	104.4	104.7
	<b>Mac</b>	101.7	106.2	101.6	105.2	104.8	104.7
	<b>Apr</b>	101.8	106.2	102.2	105.6	104.8	104.8
	<b>Mei</b>	101.8	106.2	102.2	105.4	104.8	104.8
	<b>Jun</b>	101.7	105.9	102.3	106.3	104.8	104.9
	<b>Jul</b>						
	<b>Ogos</b>						
	<b>Sept</b>						
	<b>Okt</b>						
	<b>Nov</b>						
	<b>Dis</b>						
<b>(2) Bangunan (K.T.) 2-4 Tingkat (Berbumbung Rata) <i>2-4 Storey (R.C.) Building (Flat Roof)</i></b>	<b>2016 Dis</b>	100.1	104.3	99.5	104.9	104.4	105.1
	<b>2017 Jan</b>	100.7	104.4	100.2	105.2	104.9	105.2
	<b>Feb</b>	101.3	104.4	100.8	105.5	105.6	105.4
	<b>Mac</b>	101.4	104.4	101.3	105.7	106.1	105.4
	<b>Apr</b>	101.6	104.4	102.0	106.2	106.1	105.5
	<b>Mei</b>	101.6	104.4	102.0	106.2	106.1	105.5
	<b>Jun</b>	101.4	104.0	102.1	107.2	106.1	105.5
	<b>Jul</b>						
	<b>Ogos</b>						
	<b>Sept</b>						
	<b>Okt</b>						
	<b>Nov</b>						
	<b>Dis</b>						
<b>(3) Bangunan (K.T.) 2-4 Tingkat (Berbumbung Curam) <i>2-4 Storey (R.C.) Building (Pitched Roof)</i></b>	<b>2016 Dis</b>	100.6	104.7	99.9	104.8	103.9	104.8
	<b>2017 Jan</b>	101.1	104.8	100.5	105.2	104.3	104.9
	<b>Feb</b>	101.6	104.8	101.0	105.6	105.2	105.2
	<b>Mac</b>	101.7	104.8	101.5	105.8	105.6	105.2
	<b>Apr</b>	101.8	104.8	102.1	106.4	105.6	105.3
	<b>Mei</b>	101.8	104.8	102.1	106.2	105.6	105.3
	<b>Jun</b>	101.7	104.5	102.1	107.3	105.6	105.4
	<b>Jul</b>						
	<b>Ogos</b>						
	<b>Sept</b>						
	<b>Okt</b>						
	<b>Nov</b>						
	<b>Dis</b>						

**Nota/Note:**

**K.T. = Konkrit Bertetulang/R.C. = Reinforced Concrete**

\* Lihat nota kaki di hujung Jadual 1B/See footnotes at end of Table 1B

**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 2012=100)**

*(July 2012=100)*

Kategori bangunan <i>Category of building</i>	Tempoh <i>Period</i>	Kawasan* <i>Region</i>					
		Sabah			Sarawak		
		G	H	I	J	K	L
<b>(4) Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Penginapan) 5 Storey and Above (R.C.) Building (For Accommodation)</b>	<b>2016 Dis</b>	99.3	103.6	98.9	104.6	103.7	104.8
	<b>2017 Jan</b>	100.1	103.7	99.7	105.0	104.2	104.9
	<b>Feb</b>	100.6	103.7	100.4	105.5	105.1	105.2
	<b>Mac</b>	100.8	103.7	101.0	105.6	105.6	105.2
	<b>Apr</b>	101.0	103.7	101.7	106.2	105.6	105.3
	<b>Mei</b>	101.0	103.7	101.7	106.1	105.6	105.3
	<b>Jun</b>	100.8	103.4	101.7	107.2	105.6	105.3
	<b>Jul</b>						
	<b>Ogos</b>						
	<b>Sept</b>						
	<b>Okt</b>						
	<b>Nov</b>						
	<b>Dis</b>						
<b>(5) Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Pejabat) 5 Storey and Above (R.C.) Building (For Office)</b>	<b>2016 Dis</b>	98.3	103.7	98.6	104.9	103.8	104.7
	<b>2017 Jan</b>	99.2	103.8	99.5	105.3	104.3	104.9
	<b>Feb</b>	99.8	103.8	100.3	105.7	105.2	105.1
	<b>Mac</b>	100.0	103.8	100.9	105.9	105.7	105.2
	<b>Apr</b>	100.2	103.8	101.7	106.5	105.7	105.3
	<b>Mei</b>	100.2	103.8	101.8	106.4	105.7	105.3
	<b>Jun</b>	100.0	103.4	101.7	107.5	105.7	105.3
	<b>Jul</b>						
	<b>Ogos</b>						
	<b>Sept</b>						
	<b>Okt</b>						
	<b>Nov</b>						
	<b>Dis</b>						
<b>(6) Bangunan Kayu Timber Building</b>	<b>2016 Dis</b>	101.0	103.9	100.6	103.0	102.8	102.9
	<b>2017 Jan</b>	101.1	103.9	100.6	103.1	102.9	103.0
	<b>Feb</b>	101.2	103.9	100.7	103.5	103.2	103.2
	<b>Mac</b>	101.2	103.9	100.7	103.5	103.3	103.2
	<b>Apr</b>	101.2	103.9	100.8	103.7	103.3	103.4
	<b>Mei</b>	101.2	103.9	100.8	103.5	103.3	103.4
	<b>Jun</b>	101.2	103.9	100.8	103.7	103.3	103.4
	<b>Jul</b>						
	<b>Ogos</b>						
	<b>Sept</b>						
	<b>Okt</b>						
	<b>Nov</b>						
	<b>Dis</b>						

**Nota/Note:**

**K.T. = Konkrit Bertetulang/R.C. = Reinforced Concrete**

\* Lihat nota kaki di hujung Jadual 1B/See footnotes at end of Table 1B

**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 2012=100)**

*(July 2012=100)*

Kategori bangunan <i>Category of building</i>	Tempoh <i>Period</i>	Kawasan* <i>Region</i>					
		Sabah			Sarawak		
		G	H	I	J	K	L
(7) Cerucuk Kayu <i>Timber Piling</i>	2016 Dis	100.0	100.0	100.0	na	na	na
	2017 Jan	100.0	100.0	100.0	na	na	na
	Feb	100.0	100.0	100.0	na	na	na
	Mac	100.0	100.0	100.0	na	na	na
	Apr	100.0	100.0	100.0	na	na	na
	Mei	100.0	100.0	100.0	na	na	na
	Jun	100.0	100.0	100.0	na	na	na
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						
(8) Cerucuk K.T. <i>R.C. Piling</i>	2016 Dis	89.9	99.5	93.9	101.8	100.4	104.6
	2017 Jan	91.9	99.8	96.1	102.5	101.2	104.7
	Feb	93.4	99.8	98.0	103.0	102.6	104.7
	Mac	93.9	99.8	99.5	103.1	103.5	104.7
	Apr	94.4	99.8	101.2	104.0	103.5	104.7
	Mei	94.4	99.8	101.2	103.9	103.5	104.7
	Jun	93.9	98.7	101.1	105.6	103.5	104.8
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						
(9) Kerangka Besi Satu Tingkat (Bangunan) <i>Single Storey Steel Frame (Building)</i>	2016 Dis	99.1	105.0	101.2	102.4	101.0	101.1
	2017 Jan	100.3	105.0	101.4	102.9	101.2	101.4
	Feb	101.1	105.0	101.5	103.7	102.1	101.8
	Mac	101.2	105.0	101.6	104.1	102.5	102.0
	Apr	101.2	105.0	101.7	104.6	102.5	102.0
	Mei	101.2	105.0	101.7	104.3	102.5	102.1
	Jun	101.2	105.0	101.7	105.7	102.5	102.2
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						

Nota/Note:

K.T. = Konkrit Bertetulang/R.C. = Reinforced Concrete

na = Tidak diperolehi/Not available

\* Lihat nota kaki di hujung Jadual 1B/See footnotes at end of Table 1B

**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 2012=100)**

*(July 2012=100)*

Kategori bangunan <i>Category of building</i>	Tempoh <i>Period</i>	Kawasan* <i>Region</i>					
		Sabah			Sarawak		
		G	H	I	J	K	L
<b>(10) Kerangka Besi Satu Tingkat (Menara Sahaja) <i>Single Storey Steel Frame (Tower Only)</i></b>	<b>2016 Dis</b>	96.8	100.9	101.5	na	na	na
	<b>2017 Jan</b>	98.8	100.9	101.5	na	na	na
	<b>Feb</b>	100.2	100.9	101.6	na	na	na
	<b>Mac</b>	100.3	100.9	101.6	na	na	na
	<b>Apr</b>	100.3	100.9	101.6	na	na	na
	<b>Mei</b>	100.3	100.9	101.6	na	na	na
	<b>Jun</b>	100.3	100.8	101.7	na	na	na
	<b>Jul</b>						
	<b>Ogos</b>						
	<b>Sept</b>						
	<b>Okt</b>						
	<b>Nov</b>						
	<b>Dis</b>						

**Nota/Note:**

**K.T. = Konkrit Bertetulang/R.C. = Reinforced Concrete**

**na = Tidak diperoleh/Not available**

**\* Kawasan/Region**

**G = Kota Kinabalu**

**H = Sandakan**

**I = Tawau**

**J = Kuching**

**K = Sibiu**

**L = Miri**

**INDEKS HARGA SEUNIT  
BAHAN BINAAN BANGUNAN  
(JULAI 2012=100)  
SABAH DAN SARAWAK**

*UNIT PRICE INDEX FOR  
BUILDING MATERIALS  
(JULY 2012=100)  
SABAH AND SARAWAK*

**Jadual 2: Indeks harga seunit bagi 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 bricks & wall, glass, aggregates, ceiling materials, roofing materials, paints, plywood, sand, plumbing materials, floor & wall tiles, sanitary fittings, steel & metal sections, timber, plywood, ready mix concrete and ironmongery*

(Julai 2012=100)

(July 2012=100)

Perkara <i>Item</i>	Tempoh <i>Period</i>	Kawasan* <i>Region</i>					
		Sabah			Sarawak		
		G	H	I	J	K	L
<b>Bahan binaan</b> <i>Building materials</i>							
(1) Batu Bata & Dinding <i>Bricks &amp; Wall</i>	2016 Dis	104.3	110.1	100.4	108.4	111.0	102.1
	2017 Jan	104.3	110.1	100.4	108.4	111.0	102.1
	Feb	104.3	110.1	100.4	108.4	111.0	102.1
	Mac	104.3	110.1	100.4	109.3	111.0	102.1
	Apr	104.3	110.1	100.4	109.3	111.0	102.1
	Mei	104.3	110.1	100.4	109.3	111.0	102.1
	Jun	104.3	110.1	100.4	109.5	111.0	102.1
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						
(2) Kaca <i>Glass</i>	2016 Dis	108.4	111.6	102.4	116.9	113.9	103.7
	2017 Jan	108.4	111.6	102.4	116.9	115.0	105.2
	Feb	108.4	111.6	102.4	116.9	116.2	108.3
	Mac	108.4	111.6	102.4	116.9	116.2	108.3
	Apr	108.4	111.6	102.4	119.0	116.2	108.3
	Mei	108.4	111.6	102.4	119.0	116.2	108.3
	Jun	108.4	111.6	102.4	119.0	116.2	108.3
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						
(3) Batu Baur <i>Aggregates</i>	2016 Dis	104.1	108.9	100.0	108.3	107.1	103.1
	2017 Jan	104.1	108.9	100.0	108.3	107.1	103.1
	Feb	104.1	108.9	100.0	108.8	107.1	103.1
	Mac	104.1	108.9	100.0	108.8	107.1	103.1
	Apr	104.1	108.9	100.0	108.8	107.1	103.1
	Mei	104.1	108.9	101.4	108.8	107.1	103.1
	Jun	104.1	108.9	101.4	108.8	107.1	103.1
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						

\* Lihat nota kaki di hujung Jadual 2/See footnotes at end of Table 2

**Jadual 2: Indeks harga seunit bagi 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 (samb.)**

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

(Julai 2012=100)

(July 2012=100)

Perkara <i>Item</i>	Tempoh <i>Period</i>	Kawasan* <i>Region</i>					
		Sabah			Sarawak		
		G	H	I	J	K	L
<b>Bahan binaan</b> <i>Building materials</i>							
(4) <b>Bahan Siling</b> <i>Ceiling Materials</i>	2016 Dis	106.6	117.8	100.0	94.9	102.4	100.9
	2017 Jan	106.6	117.8	100.0	94.9	102.4	100.9
	Feb	106.6	117.8	100.0	94.9	102.4	100.9
	Mac	106.6	117.8	100.0	94.9	102.4	100.9
	Apr	106.6	117.8	100.0	94.9	102.4	100.9
	Mei	106.6	117.8	100.0	94.0	102.4	100.9
	Jun	106.6	117.8	100.0	94.0	102.4	100.9
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						
	(5) <b>Bahan Bumbung</b> <i>Roofing Materials</i>	2016 Dis	103.7	123.8	103.6	105.8	102.1
2017 Jan		103.7	123.8	103.6	106.2	102.1	105.9
Feb		103.7	123.8	103.6	107.9	103.6	106.8
Mac		103.7	123.8	103.6	107.9	103.6	106.8
Apr		103.7	123.8	103.6	107.9	103.6	106.8
Mei		103.7	123.8	103.6	106.8	103.6	107.0
Jun		103.7	123.8	103.6	106.8	103.6	107.0
Jul							
Ogos							
Sept							
Okt							
Nov							
Dis							
(6) <b>Cat</b> <i>Paints</i>		2016 Dis	106.3	104.1	107.5	99.2	106.8
	2017 Jan	106.3	104.1	107.5	99.2	106.8	106.9
	Feb	106.3	104.1	107.5	99.5	106.8	106.9
	Mac	106.4	104.1	107.5	99.8	106.8	106.9
	Apr	106.4	104.1	107.6	99.9	106.8	109.2
	Mei	106.4	104.1	107.6	100.0	106.8	109.2
	Jun	106.4	104.2	107.6	100.0	106.8	109.2
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						

\* Lihat nota kaki di hujung Jadual 2/See footnotes at end of Table 2

**Jadual 2: Indeks harga seunit bagi 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 (samb.)**

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

(Julai 2012=100)

(July 2012=100)

Perkara <i>Item</i>	Tempoh <i>Period</i>	Kawasan* <i>Region</i>					
		Sabah			Sarawak		
		G	H	I	J	K	L
<b>Bahan binaan</b> <i>Building materials</i>							
(7) Pasir <i>Sand</i>	2016 Dis	104.8	100.6	100.0	105.9	106.0	97.2
	2017 Jan	104.8	100.6	100.0	105.9	106.0	97.2
	Feb	104.8	100.6	100.0	105.9	106.0	97.2
	Mac	104.8	100.6	100.0	105.9	106.0	97.2
	Apr	104.8	100.6	100.0	105.9	106.0	97.2
	Mei	104.8	100.6	100.0	105.9	106.0	97.2
	Jun	104.8	100.6	100.0	105.9	106.0	97.2
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						
(8) Bahan Kerja Paip <i>Plumbing Materials</i>	2016 Dis	108.3	107.5	100.8	102.0	110.3	109.7
	2017 Jan	108.3	107.5	101.0	102.3	110.3	109.7
	Feb	108.3	107.5	101.0	102.3	110.3	109.7
	Mac	108.3	107.5	101.9	103.0	110.3	109.7
	Apr	108.3	107.5	101.9	103.0	110.3	109.7
	Mei	108.3	107.5	102.3	103.0	110.3	109.7
	Jun	108.3	107.6	103.6	103.0	110.3	109.7
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						
(9) Jubin Lantai & Dinding <i>Floor &amp; Wall Tiles</i>	2016 Dis	106.9	107.6	118.9	124.5	111.7	115.1
	2017 Jan	106.9	107.6	118.9	124.5	112.2	115.1
	Feb	106.9	107.6	118.9	124.5	112.4	115.1
	Mac	106.9	107.6	118.9	124.5	112.4	115.1
	Apr	106.9	107.6	118.9	124.8	112.4	115.1
	Mei	106.9	107.6	118.9	125.1	112.4	115.1
	Jun	106.9	107.6	118.9	125.1	112.4	115.1
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						

\* Lihat nota kaki di hujung Jadual 2/See footnotes at end of Table 2

**Jadual 2: Indeks harga seunit bagi 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 (samb.)**

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

(Julai 2012=100)

(July 2012=100)

Perkara <i>Item</i>	Tempoh <i>Period</i>	Kawasan* <i>Region</i>					
		Sabah			Sarawak		
		G	H	I	J	K	L
<b>Bahan binaan</b> <i>Building materials</i>							
(10) Lengkapan Kebersihan <i>Sanitary Fittings</i>	2016 Dis	116.2	108.7	108.5	111.8	113.0	104.2
	2017 Jan	116.2	108.7	108.5	111.8	113.0	104.2
	Feb	116.2	108.7	108.5	112.5	113.0	104.2
	Mac	116.2	108.7	108.5	112.5	113.0	104.2
	Apr	116.2	108.7	108.5	112.5	113.0	104.2
	Mei	116.2	108.7	108.5	113.7	113.0	104.2
	Jun	116.2	108.7	108.5	113.7	113.0	104.2
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						
(11) Keratan Keluli & Logam <i>Steel &amp; Metal Sections</i>	2016 Dis	96.6	100.8	101.6	92.6	89.5	89.6
	2017 Jan	98.7	100.8	101.6	93.7	89.5	90.5
	Feb	100.2	100.8	101.6	95.3	90.6	91.0
	Mac	100.2	100.8	101.6	96.4	91.6	91.5
	Apr	100.2	100.8	101.6	97.3	91.6	91.5
	Mei	100.3	100.8	101.6	97.0	91.6	91.7
	Jun	100.2	100.8	101.6	100.5	91.6	91.9
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						
(12a) Kayu <i>Timber</i>	2016 Dis	100.0	100.0	100.0	100.0	100.0	100.0
	2017 Jan	100.0	100.0	100.0	100.0	100.0	100.0
	Feb	100.0	100.0	100.0	100.0	100.0	100.0
	Mac	100.0	100.0	100.0	100.0	100.0	100.0
	Apr	100.0	100.0	100.0	100.0	100.0	100.0
	Mei	100.0	100.0	100.0	100.0	100.0	100.0
	Jun	100.0	100.0	100.0	100.0	100.0	100.0
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						

\* Lihat nota kaki di hujung Jadual 2/See footnotes at end of Table 2

**Jadual 2: Indeks harga seunit bagi 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 (samb.)**

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

(Julai 2012=100)

(July 2012=100)

Perkara Item	Tempoh Period	Kawasan* Region					
		Sabah			Sarawak		
		G	H	I	J	K	L
<b>Bahan binaan</b> <i>Building materials</i>							
<b>(12b) Papan Lapis</b> <i>Plywood</i>	2016 Dis	82.9	82.9	82.9	103.5	103.5	103.5
	2017 Jan	82.9	82.9	82.9	103.5	103.5	103.5
	Feb	82.9	82.9	82.9	103.5	103.5	103.5
	Mac	82.9	82.9	82.9	103.5	103.5	103.5
	Apr	82.9	82.9	82.9	103.5	103.5	103.5
	Mei	82.9	82.9	82.9	103.5	103.5	103.5
	Jun	82.9	82.9	82.9	103.5	103.5	103.5
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						
<b>(13) Konkrit Sedia Bancuh</b> <i>Ready Mix Concrete</i>	2016 Dis	101.5	100.0	107.3	112.0	111.7	106.6
	2017 Jan	101.5	100.0	107.3	112.0	111.7	106.6
	Feb	101.5	100.0	107.3	112.0	111.7	106.6
	Mac	101.5	100.0	107.3	112.0	111.7	106.6
	Apr	101.5	100.0	107.3	112.0	111.7	106.6
	Mei	101.5	100.0	107.3	111.9	111.7	106.6
	Jun	101.5	100.0	108.1	111.9	111.7	106.6
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						
<b>(14) Barang Besi</b> <i>Ironmongery</i>	2016 Dis	103.0	113.7	100.0	110.6	102.2	109.7
	2017 Jan	103.0	113.7	100.0	110.6	102.2	109.7
	Feb	103.0	113.7	100.0	110.6	102.2	109.7
	Mac	103.0	113.7	100.0	110.6	102.2	109.7
	Apr	103.0	113.7	100.0	110.6	102.2	109.7
	Mei	103.0	113.7	100.0	110.6	102.2	109.7
	Jun	103.0	113.7	100.0	119.7	102.2	109.7
	Jul						
	Ogos						
	Sept						
	Okt						
	Nov						
	Dis						

\* Kawasan/Region

G = Kota Kinabalu

H = Sandakan

I = Tawau

J = Kuching

K = Sibu

L = Miri

**LAMPIRAN**  
*APPENDIX*

## Jadual faktor pelarasan (Indeks tanpa bar keluli)

Adjustment factor table (Index without steel bars)

Kategori Category	Faktor pelarasan mengikut kawasan*					
	Adjustment factor by region*					
	Sabah			Sarawak		
	G	H	I	J	K	L
1. <b>Bangunan (K.T.) Satu Tingkat</b> <i>Single Storey (R.C.) Building</i>	1.1575	1.1140	1.0889	1.1373	1.1382	1.1451
2. <b>Bangunan (K.T.) 2-4 Tingkat (Berbumbung Rata)</b> <i>2-4 Storey (R.C.) Building (Flat Roof)</i>	1.1683	1.1320	1.1039	1.1277	1.1283	1.1417
3. <b>Bangunan (K.T.) 2-4 Tingkat (Berbumbung Curam)</b> <i>2-4 Storey (R.C.) Building (Pitched Roof)</i>	1.1645	1.1270	1.1019	1.1491	1.1449	1.1600
4. <b>Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Penginapan)</b> <i>5 Storey and Above (R.C.) Building (For Accommodation)</i>	1.1713	1.1330	1.1069	1.1450	1.1477	1.1580
5. <b>Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Pejabat)</b> <i>5 Storey and Above (R.C.) Building (for Office)</i>	1.1775	1.1360	1.1088	1.1510	1.1528	1.1670
6. <b>Bangunan Kayu</b> <i>Timber Buildings</i>	1.1417	1.1150	1.1079	1.0621	1.0634	1.0580
7. <b>Cerucuk Kayu</b> <i>Timber Piling</i>	1.1080	1.1080	1.1080	n.a.	n.a.	n.a.
8. <b>Cerucuk (K.T.)</b> <i>(R.C.) Piling</i>	1.1534	1.2112	1.2000	1.1456	1.1556	1.1568
9. <b>Kerangka Besi Satu Tingkat (Bangunan)</b> <i>Single Storey Steel (Building)</i>	1.1334	1.1231	1.1039	1.1037	1.1369	1.1310
10. <b>Kerangka Besi Satu Tingkat (Menara Sahaja)</b> <i>Single Storey Steel (Tower Only)</i>	1.0998	1.1214	1.0920	n.a.	n.a.	n.a.

Nota/Note:

K.T. = Konkrit Bertetulang/R.C. = Reinforced Concrete

n.a. = Tidak diperoleh/Not available

\* Lihat nota kaki di hujung Jadual 2/See footnotes at end of Table 2

**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. <b>Bangunan (K.T.) Satu Tingkat</b> <i>Single Storey (R.C.) Building</i>	1.1532	1.1085	1.0985	1.1578	1.1701	1.1599
2. <b>Bangunan (K.T.) 2-4 Tingkat (Berbumbung Rata)</b> <i>2-4 Storey (R.C.) Building (Flat Roof)</i>	1.1612	1.1221	1.1110	1.1549	1.1694	1.1605
3. <b>Bangunan (K.T.) 2-4 Tingkat (Berbumbung Curam)</b> <i>2-4 Storey (R.C.) Building (Pitched Roof)</i>	1.1601	1.1200	1.1080	1.1690	1.1784	1.1732
4. <b>Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Penginapan)</b> <i>5 Storey and Above (R.C.) Building (For Accommodation)</i>	1.1642	1.1228	1.1140	1.1684	1.1846	1.1722
5. <b>Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Pejabat)</b> <i>5 Storey and Above (R.C.) Building (for Office)</i>	1.1672	1.1225	1.1171	1.1735	1.1896	1.1802
6. <b>Bangunan Kayu</b> <i>Timber Buildings</i>	1.1410	1.1148	1.1088	1.0660	1.0673	1.0613
7. <b>Cerucuk Kayu</b> <i>Timber Piling</i>	1.1080	1.1080	1.1080	n.a.	n.a.	n.a.
8. <b>Cerucuk (K.T)</b> <i>(R.C.) Piling</i>	1.1670	1.1389	1.1792	1.1818	1.1955	1.1637
9. <b>Kerangka Besi Satu Tingkat (Bangunan)</b> <i>Single Storey Steel (Building)</i>	1.1335	1.1217	1.1053	1.1167	1.1513	1.1395
10. <b>Kerangka Besi Satu Tingkat (Menara Sahaja)</b> <i>Single Storey Steel (Tower Only)</i>	1.1001	1.1216	1.0930	n.a.	n.a.	n.a.

Nota/Note:

K.T. = Konkrit Bertetulang/R.C. = Reinforced Concrete

n.a. = Tidak diperolehi/Not available

\* Lihat nota kaki di hujung Jadual 2/See footnotes at end of Table 2

**Contoh pengiraan indeks IKB (Julai 2007=100) dengan menggunakan indeks baru IKB (Julai 2012=100)**

- (i) Contoh mengira indeks lama (tanpa bar keluli) bagi bulan Januari 2013 untuk kategori Bangunan (K.T) Satu Tingkat bagi kawasan Kota Kinabalu adalah seperti berikut:

$$\begin{aligned} {}^j I \text{ lama Januari 2013} &= FP \text{ (seperti di Lampiran A)} \times {}^j I \text{ baru Januari 2013} \\ \text{iaitu, Indeks lama Januari 2013} & \\ &= 1.1575 \times 100.4 \\ &= 116.2130 \\ &= 116.2 \end{aligned}$$

- (ii) Contoh mengira indeks lama (termasuk bar keluli) bagi bulan Januari 2013 untuk kategori Cerucuk K.T bagi kawasan Miri adalah seperti berikut:

$$\begin{aligned} {}^j I \text{ lama Januari 2013} &= FP \text{ (seperti di Lampiran B)} \times {}^j I \text{ baru Januari 2013} \\ \text{iaitu, Indeks lama Januari 2013} & \\ &= 1.1637 \times 99.2 \\ &= 115.4390 \\ &= 115.4 \end{aligned}$$

di mana,

FP = Faktor Pelarasan

${}^j I$  = Indeks bagi kategori bangunan  $j$

$j = 1, \dots$

**Example for calculating the old BCI (July 2007=100) using the new index BCI (July 2012=100)**

- (i) Example for calculating the old index (without steel bars) for the month of January 2013 for Single-Storey (R.C) Building in Kota Kinabalu is as follows:

$$\begin{aligned} \text{Old } {}^j I \text{ for January 2013} &= AF \text{ (as in Appendix A)} \times \text{new } {}^j I \text{ for January 2013} \\ \text{i.e. old Index for January 2013} & \\ &= 1.1575 \times 100.4 \\ &= 116.2130 \\ &= 116.2 \end{aligned}$$

- (ii) Example for calculating the old index (with steel bars) for the month of January 2013 for R.C Piling in Miri is as follows:

$$\begin{aligned} \text{Old } {}^j I \text{ for January 2013} &= AF \text{ (as in Appendix B)} \times \text{new } {}^j I \text{ for January 2013} \\ \text{i.e. old Index for January 2013} & \\ &= 1.1637 \times 99.2 \\ &= 115.4390 \\ &= 115.4 \end{aligned}$$

where,

AF = Adjustment Factor

${}^j I$  = Index for building category  $j$

$j = 1, \dots$

**NOTA TEKNIKAL**  
*TECHNICAL NOTES*

**Nota teknikal Indeks Kos Bahan Binaan  
Bangunan Sabah dan Sarawak  
(Julai 2012=100)**

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, Sibuan dan Miri. IKB dibentuk berasaskan formula Laspeyres.

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).

Anggaran 1700 sebutharga dipungut setiap bulan daripada lebih kurang 300 outlet untuk 175 jenis spesifikasi bahan binaan terpilih.

Bermula penerbitan Januari 2013, indeks ini berasaskan kepada tahun asas yang ditukar daripada (Julai 2007=100) kepada (Julai 2012=100) serta pemilihan spesifikasi bahan binaan dan pemberat yang dikemaskini oleh JKR.

Bagi kontrak-kontrak yang telah ditandatangani sebelum Januari 2013, 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 Januari 2013 dan seterusnya, indeks baru hendaklah digunakan terus tanpa sebarang pelarasan.

**Technical notes on Building Materials  
Cost Index for Sabah and Sarawak  
(July 2012=100)**

*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, Sibuan and Miri. The BCI is based on the Laspeyres formula.*

*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).*

*Approximately 1700 price quotations are collected monthly from 300 outlets for 175 selected building material specifications.*

*Starting from January 2013 publication, the series is based on the revised base year which has been changed from (July 2007=100) to (July 2012=100) as well as the selection of new building material specifications and weightage updated by JKR.*

*For contracts signed before January 2013, 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 January 2013 and thereafter, the new index is to be used without any further adjustment.*

## Pengiraan perubahan indeks

IKB mengukur perubahan harga dari suatu tempoh rujukan yang ditetapkan, iaitu (Julai 2012=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.

### Perubahan Mata Indeks

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

### Perubahan Peratus

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

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

## Index change calculation

*The BCI measures price changes from a designated period, i.e. (July 2012=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.*

### Index Point Change

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

### Percentage Change

*Index point difference divided by the previous index, multiplied by 100.*

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

**Jadual Tarikh Pengeluaran Siaran Khas 2**  
**(Untuk Kerja-Kerja Pembinaan Bangunan Dan Struktur), Sabah & Sarawak**  
**Januari - Disember 2017**  
*Schedule Of Release Dates For Special Release 2*  
*(For Building And Structural Works), Sabah & Sarawak*  
*January - December 2017*

<b>Bulan Rujukan</b> <i>Reference Month</i>	<b>Tarikh</b> <i>Date</i>
<b>Januari 2017</b> <i>January 2017</i>	<b>10 Februari 2017</b> <i>10 February 2017</i>
<b>Februari 2017</b> <i>February 2017</i>	<b>10 Mac 2017</b> <i>10 March 2017</i>
<b>Mac 2017</b> <i>March 2017</i>	<b>10 April 2017</b> <i>10 April 2017</i>
<b>April 2017</b> <i>April 2017</i>	<b>09 Mei 2017</b> <i>09 May 2017</i>
<b>Mei 2017</b> <i>May 2017</i>	<b>09 Jun 2017</b> <i>09 June 2017</i>
<b>Jun 2017</b> <i>June 2017</i>	<b>10 Julai 2017</b> <i>10 July 2017</i>
<b>Julai 2017</b> <i>July 2017</i>	<b>10 Ogos 2017</b> <i>10 August 2017</i>
<b>Ogos 2017</b> <i>August 2017</i>	<b>11 September 2017</b> <i>11 September 2017</i>
<b>September 2017</b> <i>September 2017</i>	<b>10 Oktober 2017</b> <i>10 October 2017</i>
<b>Oktober 2017</b> <i>October 2017</i>	<b>10 November 2017</b> <i>10 November 2017</i>
<b>November 2017</b> <i>November 2017</i>	<b>11 Disember 2017</b> <i>11 December 2017</i>
<b>Disember 2017</b> <i>December 2017</i>	<b>10 Januari 2018</b> <i>10 January 2018</i>