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JABATAN PERANGKAAN MALAYSIA

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(UNTUK KERJA-KERJA PEMBINAAN BANGUNAN DAN STRUKTUR)
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Pemakluman / Announcement:

Jabatan Perangkaan Malaysia sedang menjalankan Survei Pendapatan, Perbelanjaan Isi Rumah dan Kemudahan Asas (HIES/BA) 2022 bermula dari 1 Januari 2022 sehingga 31 Disember 2022.

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JABATAN PERANGKAAN MALAYSIA
DEPARTMENT OF STATISTICS MALAYSIA

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- Batu bata & dinding / <i>Bricks & wall</i>	
- Kaca / <i>Glass</i>	
- Batu baur / <i>Aggregates</i>	
- Bahan siling / <i>Ceiling materials</i>	
- Cat / <i>Paints</i>	
- Pasir / <i>Sand</i>	
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RINGKASAN PENEMUAN

INDEKS KOS BAHAN BINAAN BANGUNAN (JULAI 2017=100) DISEMBER 2021

Sabah

Indeks Kos Bahan Binaan (IKB) (tanpa bar keluli & termasuk bar keluli) di Sabah menunjukkan peningkatan bagi keseluruhan kategori bangunan antara 0.1 dan 3.1 peratus pada Disember 2021 berbanding pada bulan sebelumnya **(Jadual 1A dan Jadual 1B)**.

Indeks harga seunit bahan binaan yang menunjukkan perubahan di Sabah ialah Simen di Kota Kinabalu (2.3 mata) dan Sandakan (2.5 mata); Besi di Kota Kinabalu (1.2 mata); Kayu di semua kawasan di Sabah (0.8 mata); Bahan bumbung di Kota Kinabalu (3.0 mata) dan Sandakan (2.7 mata); Bahan siling di Kota Kinabalu (0.3 mata); Keratan keluli & logam di Kota Kinabalu (0.2 mata) dan Sandakan (3.2 mata); Bahan kerja paip di Kota Kinabalu (0.5 mata) dan Sandakan (0.1 mata); Jubin lantai & dinding di Sandakan (0.9 mata); Lengkapan kebersihan di Kota Kinabalu (1.2 mata) dan Sandakan (1.6 mata); Kaca di Kota Kinabalu (1.0 mata) dan Tawau (2.1 mata); Cat di Kota Kinabalu (0.1 mata) dan Sandakan (0.2 mata) dan Tawau (-0.2); Konkrit sedia bancuh di Sandakan (3.3 mata); dan Barang besi di Kota Kinabalu (2.3 mata) **(Jadual 2)**.

Sarawak

IKB di Sarawak menunjukkan peningkatan di antara 0.4 dan 2.4 peratus bagi semua kategori bangunan. **(Jadual 1A dan Jadual 1B)**.

Indeks harga seunit bahan binaan yang menunjukkan perubahan ialah Besi di Kuching (2.8 mata) dan Miri (3.2 mata); Batu baur di Kuching (0.6 mata); Batu bata & dinding di Kuching (2.5 mata) dan Miri (0.8 mata); Kayu di Sibul (2.0 mata); Bahan bumbung di Kuching (0.6 mata), Sibul (-0.4 mata) dan Miri (0.3 mata); Keratan keluli & logam di Kuching (0.4 mata), Sibul (3.0 mata) dan Miri (3.5 mata); Bahan kerja paip di Kuching (0.1 mata) dan Miri (0.8 mata); Jubin lantai & dinding di Kuching (1.1 mata); Lengkapan kebersihan di Kuching (0.5 mata); Kaca di Kuching (2.1 mata); Cat di Kuching (0.6 mata) dan Miri (1.6 mata); dan Konkrit sedia bancuh di Kuching (2.6 mata) **(Jadual 2)**.

SUMMARY OF FINDINGS

BUILDING MATERIAL COST INDEX (JULY 2017=100) DECEMBER

Sabah

The Building Materials Cost Index (BCI) (without steel bars & with steel bars) in Sabah showed an increase of the entire building category between 0.1 and 3.1 per cent for all building categories in December 2021 as compared to the previous month **(Table 1A and Table 1B)**.

The unit price indices of building materials that showed changes in Sabah were Cement in Kota Kinabalu (2.3 points) and Sandakan (2.5 points); Steel in Kota Kinabalu (1.2 points); Timber in all regions in Sabah (0.8 points); Roofing materials in Kota Kinabalu (3.0 points) and Sandakan (2.7 points); Ceiling materials in Kota Kinabalu (0.3 points); Steel & metal sections in Kota Kinabalu (0.2 points) and Sandakan (3.2 points); Plumbing materials in Kota Kinabalu (0.5 points) and Sandakan (0.1 points); Floor & wall tiles in Sandakan (0.9 points); Sanitary fittings in Kota Kinabalu (1.2 points) and Sandakan (1.6 points); Glass in Kota Kinabalu (1.0 points) and Tawau (2.1 points); Paints in Kota Kinabalu (0.1 points) and Sandakan (0.2 points) and Tawau (-0.2); Ready mix concrete in Sandakan (3.3 points); and Ironmongery in Kota Kinabalu (2.3 points) **(Table 2)**.

Sarawak

The BCI in Sarawak showed an increase between 0.4 and 2.4 per cent for all categories of building **(Table 1A and Table 1B)**.

The unit price indices of building materials that showed changes were Steel in Kuching (2.8 points) and Miri (3.2 points); Aggregates in Kuching (0.6 mata); Bricks & wall in Kuching (2.5 points) and Miri (0.8 points); Timber in Sibü (2.0 points); Roofing materials in Kuching (0.6 points), Sibü (-0.4 points) and Miri (0.3 points); Steel & metal sections in Kuching (0.4 points), Sibü (3.0 points) and Miri (3.5 points); Plumbing materials in Kuching (0.1 points) and Miri (0.8 points); Floor & wall tiles in Kuching (1.1 points); Sanitary fittings in Kuching (0.5 points); Glass in Kuching (2.1 points); Paints in Kuching (0.6 points) and Miri (1.6 points); and Ready mix concrete in Kuching (2.6 points) (Table 2).

JADUAL

TABLE

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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 Category of building	Tempoh Period	Kawasan Region					
		Sabah			Sarawak		
		G	H	I	J	K	L
1.A.1 Bangunan (K.T.) Satu Tingkat <i>Single - Storey (R.C.) Building</i>	2020 Dis	102.7	98.8	100.7	102.8	99.1	99.2
	2021 Jan	103.1	98.9	100.7	103.6	99.1	99.7
	Feb	103.4	98.5	100.7	104.4	99.1	100.9
	Mac	103.5	98.9	100.9	104.5	99.1	103.0
	Apr	103.7	98.9	100.7	105.8	99.1	103.7
	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	
1.A.2 Bangunan (K.T.) 2-4 Tingkat (Berbumbung Rata) <i>2-4 Storey (R.C.) Building (Flat Roof)</i>	2020 Dis	102.7	98.5	101.2	102.1	99.0	98.3
	2021 Jan	102.9	98.5	101.1	103.0	99.0	98.6
	Feb	103.1	98.2	101.1	103.2	99.1	99.1
	Mac	103.0	98.4	101.4	103.1	99.1	100.4
	Apr	103.2	98.4	101.1	103.7	99.1	100.8
	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	
1.A.3 Bangunan (K.T.) 2-4 Tingkat (Berbumbung Curam) <i>2-4 Storey (R.C.) Building (Pitched Roof)</i>	2020 Dis	102.5	98.5	100.9	102.5	99.1	98.5
	2021 Jan	102.6	98.5	100.8	103.4	99.1	99.0
	Feb	102.9	98.2	100.8	103.7	99.1	99.8
	Mac	102.8	98.4	101.1	103.6	99.1	101.5
	Apr	103.1	98.3	100.8	104.6	99.1	102.1
	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	

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) 5 Storey and Above (R.C.) Building (For Accommodation)	2020 Dis	102.6	98.3	100.4	102.5	99.1	98.6
	2021 Jan	102.7	98.3	100.4	103.4	99.1	99.0
	Feb	102.9	98.0	100.4	103.6	99.1	99.8
	Mac	103.0	98.2	100.5	103.6	99.1	101.5
	Apr	103.3	98.2	100.3	104.6	99.1	102.1
	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
1.A.5 Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Pejabat) 5 Storey and Above (R.C.) Building (For Office)	2020 Dis	102.8	97.4	100.4	102.5	99.1	98.6
	2021 Jan	102.8	97.4	100.4	103.4	99.1	99.0
	Feb	103.1	97.0	100.3	103.6	99.1	99.8
	Mac	103.1	97.1	100.5	103.6	99.1	101.5
	Apr	103.6	97.1	100.2	104.6	99.1	102.1
	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
1.A.6 Bangunan Kayu Timber Building	2020 Dis	100.7	99.2	100.2	101.9	99.5	99.7
	2021 Jan	100.9	99.3	100.1	102.1	99.5	99.8
	Feb	101.1	99.1	100.1	102.8	99.5	100.2
	Mac	101.2	99.3	100.2	103.0	99.5	101.0
	Apr	101.4	99.3	100.1	103.4	99.5	101.3
	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

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>	2020 Dis	99.6	99.6	99.6	n.a.	n.a.	n.a.
	2021 Jan	99.6	99.6	99.6	n.a.	n.a.	n.a.
	Feb	99.6	99.6	99.6	n.a.	n.a.	n.a.
	Mac	99.6	99.6	99.6	n.a.	n.a.	n.a.
	Apr	99.6	99.6	99.6	n.a.	n.a.	n.a.
	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.
1.A.8 Cerucuk K.T. <i>R.C. Piling</i>	2020 Dis	107.4	99.1	98.4	101.3	98.8	95.8
	2021 Jan	107.3	99.1	98.4	102.8	98.8	96.0
	Feb	107.4	99.0	98.3	102.4	98.8	96.8
	Mac	107.4	99.0	98.3	101.7	98.8	97.9
	Apr	107.4	99.0	98.3	102.5	98.8	98.3
	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
1.A.9 Kerangka Besi Satu Tingkat (Bangunan) <i>Single Storey Steel Frame (Building)</i>	2020 Dis	103.5	104.2	101.8	103.2	99.3	99.8
	2021 Jan	104.1	104.5	101.7	103.9	99.3	100.5
	Feb	106.3	104.4	101.7	104.4	99.3	102.2
	Mac	108.6	108.6	101.9	104.5	99.3	105.2
	Apr	111.3	108.7	101.7	106.5	99.3	106.3
	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

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 Steel Frame (Tower Only)</i>	2020 Dis	103.8	107.9	99.9	n.a.	n.a.	n.a.
	2021 Jan	104.2	108.3	99.9	n.a.	n.a.	n.a.
	Feb	108.2	108.3	99.9	n.a.	n.a.	n.a.
	Mac	112.8	115.1	99.9	n.a.	n.a.	n.a.
	Apr	117.9	115.3	99.9	n.a.	n.a.	n.a.
	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.	

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>	2020 Dis	104.0	99.7	100.6	106.4	98.6	99.8
	2021 Jan	104.4	100.9	100.6	107.5	98.6	100.2
	Feb	106.0	101.5	101.6	108.4	98.7	101.1
	Mac	106.7	102.6	103.2	108.1	98.7	102.7
	Apr	107.1	102.8	104.1	109.7	98.7	103.3
	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	
1.B.2 Bangunan (K.T.) 2-4 Tingkat (Berbumbung Rata) <i>2-4 Storey (R.C.) Building (Flat Roof)</i>	2020 Dis	104.2	99.6	101.0	105.7	98.6	99.0
	2021 Jan	104.4	100.8	101.0	106.8	98.6	99.3
	Feb	106.0	101.5	102.1	107.3	98.7	99.7
	Mac	106.6	102.6	103.8	106.9	98.7	100.7
	Apr	107.0	102.8	104.8	107.9	98.7	100.9 ^f
	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	
1.B.3 Bangunan (K.T.) 2-4 Tingkat (Berbumbung Curam) <i>2-4 Storey (R.C.) Building (Pitched Roof)</i>	2020 Dis	103.7	99.4	100.8	105.8	98.6	99.2
	2021 Jan	103.9	100.4	100.8	106.9	98.6	99.5
	Feb	105.3	100.9	101.7	107.4	98.7	100.2
	Mac	105.8	101.8	103.1	107.1	98.7	101.6
	Apr	106.2	101.9	103.8	108.4	98.7	102.0 ^f
	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	

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</i> <i>(R.C.) Building</i> <i>(For Accommodation)</i>	2020 Dis	104.2	99.6	100.4	105.8	98.6	99.2
	2021 Jan	104.4	100.8	100.3	106.9	98.6	99.5
	Feb	106.1	101.7	101.6	107.4	98.7	100.2
	Mac	106.9	102.8	103.3	107.1	98.7	101.6
	Apr	107.4	103.0	104.5	108.4	98.7	102.0
	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
1.B.5 Bangunan (K.T.) 5 Tingkat dan Lebih (Untuk Pejabat) <i>5 Storey and Above</i> <i>(R.C.) Building</i> <i>(For Office)</i>	2020 Dis	104.6	99.1	100.4	105.9	98.6	99.2
	2021 Jan	104.8	100.5	100.3	107.1	98.6	99.6
	Feb	106.7	101.5	101.7	107.6	98.7	100.2
	Mac	107.6	102.7	103.7	107.3	98.7	101.6
	Apr	108.4	103.0	105.1	108.6	98.7	102.0
	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
1.B.6 Bangunan Kayu <i>Timber Building</i>	2020 Dis	100.9	99.3	100.2	102.4	99.4	99.8
	2021 Jan	101.1	99.5	100.1	102.7	99.4	99.9
	Feb	101.4	99.3	100.2	103.4	99.4	100.2
	Mac	101.6	99.7	100.4	103.5	99.4	101.0
	Apr	101.8	99.7	100.4	104.0	99.4	101.3
	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

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	K	L
1.B.7 Cerucuk Kayu Timber Piling	2020 Dis	99.6	99.6	99.6	n.a.	n.a.	n.a.
	2021 Jan	99.6	99.6	99.6	n.a.	n.a.	n.a.
	Feb	99.6	99.6	99.6	n.a.	n.a.	n.a.
	Mac	99.6	99.6	99.6	n.a.	n.a.	n.a.
	Apr	99.6	99.6	99.6	n.a.	n.a.	n.a.
	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.
1.B.8 Cerucuk K.T. R.C. Piling	2020 Dis	109.2	102.2	99.4	109.9	97.8	98.6
	2021 Jan	109.5	105.7	99.4	111.9	97.8	98.7
	Feb	113.8	108.8	102.9	112.3	98.0	99.1
	Mac	115.9	111.6	107.5	111.2	98.0	99.8
	Apr	116.8	112.2	111.3	112.8	98.0	99.8
	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
1.B.9 Kerangka Besi Satu Tingkat (Bangunan) Single Storey Steel Frame (Building)	2020 Dis	103.7	104.2	101.7	104.6	99.1	99.9
	2021 Jan	104.3	104.7	101.7	105.5	99.1	100.6
	Feb	106.7	104.8	101.9	106.1	99.1	102.2
	Mac	109.0	109.0	102.4	106.0	99.1	105.0
	Apr	111.8	109.1	102.3	108.1	99.1	105.9
	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

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	K	L
1.B.10 Kerangka Besi Satu Tingkat (Menara Sahaja) <i>Single Storey</i> <i>Steel Frame</i> <i>(Tower Only)</i>	2020 Dis	103.9	107.8	99.9	n.a.	n.a.	n.a.
	2021 Jan	104.3	108.3	99.9	n.a.	n.a.	n.a.
	Feb	108.4	108.4	100.0	n.a.	n.a.	n.a.
	Mac	112.9	115.2	100.1	n.a.	n.a.	n.a.
	Apr	118.0	115.4	100.2	n.a.	n.a.	n.a.
	Mei	120.9	116.7	100.3	n.a.	n.a.	n.a.
	Jun	126.9	117.0	100.4	n.a.	n.a.	n.a.
	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.

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)					
Bahan Item	Tempoh Period	Kawasan* Region						
		Sabah			Sarawak			
		G	H	I	J	K	L	
Bahan binaan <i>Building materials</i>								
2.1 Simen Cement	2020 Dis	102.8	94.8	94.4	99.4	98.4	94.1	
	2021 Jan	102.8	94.8	94.4	99.4	98.4	92.2	
	Feb	103.6	94.8	94.4	99.4	98.4	90.3	
	Mac	103.6	94.8	94.4	99.0	98.4	90.3	
	Apr	103.6	94.8	94.4	99.0	98.4	90.3	
	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	
2.2 Besi Steel	2020 Dis	110.7	104.6	100.2	120.0	96.8	101.9	
	2021 Jan	111.2	110.8	100.2	122.4	96.8	101.9	
	Feb	118.8	116.3	106.3	123.9	97.0	101.9	
	Mac	122.5	121.2	114.6	122.2	97.0	101.9	
	Apr	124.0	122.4	121.2	124.7	97.0	101.6	
	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	
2.3 Batu Bata & Dinding Bricks & Wall	2020 Dis	103.6	102.0	116.9	103.5	101.0	108.0	
	2021 Jan	104.3	102.0	116.9	105.5	101.0	110.6	
	Feb	104.3	102.0	116.9	107.7	101.0	110.6	
	Mac	100.3	102.0	119.1	110.2	101.0	110.6	
	Apr	97.7	102.0	116.9	111.0	101.0	111.3	
	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	

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 <i>Building materials</i>								
2.4	Kaca <i>Glass</i>	2020 Dis	102.7	96.6	113.0	99.7	107.9	102.6
		2021 Jan	102.7	96.6	113.0	100.8	107.9	104.5
		Feb	102.7	96.6	113.0	100.8	107.9	111.0
		Mac	102.7	96.6	113.0	100.8	107.9	117.5
		Apr	108.2	96.6	113.0	100.8	107.9	117.5
		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
2.5	Batu Baur <i>Aggregates</i>	2020 Dis	100.5	100.0	97.4	99.4	96.9	98.6
		2021 Jan	100.5	100.0	97.4	99.4	96.9	98.6
		Feb	100.5	100.0	97.4	99.4	96.9	98.6
		Mac	100.1	100.0	97.4	99.4	96.9	98.6
		Apr	100.1	100.0	97.4	99.4	96.9	98.6
		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
2.6	Bahan Siling <i>Ceiling Materials</i>	2020 Dis	99.9	94.5	100.0	102.3	100.0	99.6
		2021 Jan	99.9	94.5	100.0	102.3	100.0	99.6
		Feb	100.1	91.6	100.0	102.3	100.0	99.6
		Mac	100.1	88.6	100.0	102.3	100.0	102.2
		Apr	100.1	88.6	100.0	102.3	100.0	102.2
		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

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 <i>Building materials</i>								
2.7	Bahan Bumbung <i>Roofing Materials</i>	2020 Dis	103.2	99.6	100.0	103.7	98.0	99.7
		2021 Jan	105.4	100.7	100.0	104.2	98.0	99.5
		Feb	106.0	100.7	100.0	108.0	98.0	99.5
		Mac	106.0	103.1	100.0	109.0	98.0	99.5
		Apr	106.0	103.1	100.0	109.0	98.0	99.5
		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
2.8	Cat <i>Paints</i>	2020 Dis	100.8	100.0	105.5	103.2	99.3	99.1
		2021 Jan	100.8	100.0	105.5	103.2	99.3	99.1
		Feb	101.6	100.0	106.4	103.2	99.3	99.1
		Mac	101.6	99.9	106.6	103.1	99.3	99.1
		Apr	101.8	100.3	105.0	103.2	99.3	101.2
		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
2.9	Pasir <i>Sand</i>	2020 Dis	103.2	100.0	100.0	113.6	100.0	97.0
		2021 Jan	103.2	100.0	100.0	113.6	100.0	97.0
		Feb	103.2	100.0	100.0	113.6	100.0	91.3
		Mac	103.2	100.0	100.0	113.6	100.0	87.9
		Apr	103.2	100.0	100.0	107.8	100.0	83.8
		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

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							
<i>Building materials</i>							
2.10 Bahan Kerja Paip <i>Plumbing Materials</i>	2020 Dis	104.3	105.2	103.1	102.5	101.6	101.4
	2021 Jan	104.3	105.2	103.1	102.5	101.6	101.4
	Feb	104.3	101.8	103.0	102.5	101.6	101.4
	Mac	104.3	104.6	103.0	102.5	101.6	101.4
	Apr	106.1	104.0	102.9	104.2	101.6	101.4
	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
2.11 Jubin Lantai & Dinding <i>Floor & Wall Tiles</i>	2020 Dis	108.9	88.2	94.6	99.0	97.3	98.6
	2021 Jan	108.9	88.2	94.6	99.0	97.3	98.6
	Feb	108.9	88.2	94.6	99.0	97.3	98.6
	Mac	108.9	88.2	94.6	99.0	97.3	99.2
	Apr	108.9	88.2	94.6	98.5	97.3	99.2
	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
2.12 Lengkapan Kebersihan <i>Sanitary Fittings</i>	2020 Dis	103.5	101.2	100.0	102.2	98.1	96.0
	2021 Jan	103.5	101.2	100.0	102.1	98.1	96.0
	Feb	102.0	101.0	100.0	102.1	98.1	96.0
	Mac	108.4	100.1	100.0	102.1	98.1	96.0
	Apr	110.8	99.4	100.0	102.1	98.1	96.0
	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

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 <i>Building materials</i>								
2.13	Keratan Keluli & Logam <i>Steel & Metal Sections</i>	2020 Dis	103.8	108.5	100.0	106.5	99.9	102.4
		2021 Jan	104.3	109.0	100.0	107.2	99.9	104.2
		Feb	108.5	109.0	100.0	108.1	99.9	109.3
		Mac	113.4	116.3	100.0	108.3	99.9	117.6
		Apr	119.0	116.6	100.0	114.2	99.9	120.4
		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
2.14.a	Kayu <i>Timber</i>	2020 Dis	99.6	99.6	99.6	100.0	100.0	100.0
		2021 Jan	99.6	99.6	99.6	100.0	100.0	100.0
		Feb	99.6	99.6	99.6	100.0	100.0	100.0
		Mac	99.6	99.6	99.6	100.0	100.0	100.0
		Apr	99.6	99.6	99.6	100.0	100.0	100.0
		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
2.14.b	Papan Lapis <i>Plywood</i>	2020 Dis	97.1	97.1	97.1	100.0	100.0	100.0
		2021 Jan	96.1	96.1	96.1	100.0	100.0	100.0
		Feb	95.1 ¹	95.1 ¹	95.1 ¹	101.0	101.0	101.0
		Mac	95.1	95.1	95.1	101.0	101.0	101.0
		Apr	95.1	95.1	95.1	101.0	101.0	101.0
		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

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 <i>Building materials</i>								
2.15	Konkrit Sedia Bancuh <i>Ready Mix Concrete</i>	2020 Dis	109.2	99.8	98.9	100.5	98.4	94.1
		2021 Jan	109.2	99.8	98.9	102.3	98.4	94.1
		Feb	95.1	95.1	95.1	101.6	98.4	94.1
		Mac	109.2	99.8	98.9	100.6	98.4	94.1
		Apr	109.2	99.8	98.9	100.6	98.4	94.1
		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
2.16	Barang Besi <i>Ironmongery</i>	2020 Dis	102.9	97.9	100.0	113.3	100.8	100.0
		2021 Jan	102.9	97.9	100.0	113.3	100.8	100.0
		Feb	102.9	97.9	100.0	113.3	100.8	100.0
		Mac	104.1	97.9	100.0	113.3	100.8	100.0
		Apr	104.1	97.9	100.0	113.3	100.8	100.0
		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

NOTA TEKNIKAL
TECHNICAL NOTES

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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.

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. Perubahan Mata Indeks

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

7. *Index Point Change*

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

8. Perubahan Peratus

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

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

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

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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 baru IKB (Julai 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_{jl} lama Julai 2018 = FP (seperti di **Lampiran A**)
x I_{jl} baru Julai 2018

iaitu, indeks lama Julai 2018:
= 1.1339 x 100.0
= 113.39
= 113.4

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

I_{jl} lama Julai 2018 = FP (seperti di **Lampiran B**)
x I_{jl} baru Julai 2018

iaitu, indeks lama Julai 2018:
= 1.1979 x 100.0
= 119.79
= 119.8

di mana,

FP = Faktor Pelarasan

I_{jl} = Indeks bagi kategori bangunan j

j = 1, 8

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

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

Old I_{jl} for July 2018 = AF (as in **Appendix A**)
x new I_{jl} for July 2018

i.e. old index for July 2018:
= 1.1339 x 100.0
= 113.39
= 113.4

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_{jl} for July 2018 = AF (as in **Appendix B**)
x new I_{jl} for July 2018

i.e. old index for July 2018:
= 1.1979 x 100.0
= 119.79
= 119.8

where,

AF = Adjustment Factor

I_{jl} = Index for building category j

j = 1, 8

Sasaran Tarikh Pengumuman Siaran Khas 2
(Untuk Kerja-Kerja Pembinaan Bangunan dan Struktur), Sabah & Sarawak, 2021
Scheduled Release Dates for Special Release 2
(For Building and Structural Works), Sabah & Sarawak, 2021

Tahun <i>Year</i>	Bulan Rujukan <i>Reference Month</i>	Tahun <i>Year</i>	Tarikh Pengumuman <i>Release Date</i>
2021	Januari <i>January</i>	2021	10 Februari <i>10 February</i>
	Februari <i>February</i>		10 Mac <i>10 March</i>
	Mac <i>March</i>		09 April <i>09 April</i>
	April <i>April</i>		10 Mei <i>10 May</i>
	Mei <i>May</i>		10 Jun <i>10 June</i>
	Jun <i>June</i>		09 Julai <i>09 July</i>
	Julai <i>July</i>		12 Ogos <i>12 August</i>
	Ogos <i>August</i>		09 September <i>09 September</i>
	September <i>September</i>		11 Oktober <i>11 October</i>
	Oktober <i>October</i>		11 November <i>11 November</i>
	November <i>November</i>		09 Disember <i>09 December</i>
	Disember <i>December</i>		2022