



KEMENTERIAN EKONOMI  
JABATAN PERANGKAAAN MALAYSIA

# STATISTIK PEMBINAAN SUKU TAHUNAN

*Quarterly Construction Statistics*

**SUKU KEDUA** **2024**  
*Second Quarter*

## PEMAKLUMAN / ANNOUNCEMENT

Jabatan Perangkaan Malaysia (DOSM) telah melancarkan OpenDOSM NextGen sebagai medium yang menyediakan katalog data dan visualisasi bagi memudahkan pengguna menganalisis pelbagai data dan boleh diakses melalui portal <https://open.dosm.gov.my>.

DOSM sedang menjalankan Banci Pertanian 2024. Sila layari <https://www.myagricensus.gov.my> untuk maklumat lanjut. Tema adalah "Banci Pertanian, Kunci Kemajuan Pertanian."

Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober setiap tahun. Tema sambutan MyStats Day adalah "Statistik Nadi Kehidupan". DOSM menyambut ulang tahun ke 75 Jubli Intan pada tahun 2024.

*The Department of Statistics Malaysia (DOSM) has launched OpenDOSM NextGen as a medium that provides catalogue of data and visualisations to facilitate users' analysis and can be accessed through <https://open.dosm.gov.my>.*

*DOSM is conducting the Agricultural Census in 2024. Please visit <https://www.myagricensus.gov.my/> for more information. The theme is "Agriculture Census, Key to Agricultural Development."*

*The Government of Malaysia has declared National Statistics Day (MyStats Day) on October 20th each year. MyStats Day theme is "Statistics is the Essence of Life". DOSM commemorates its 75<sup>th</sup> Diamond Jubilee in 2024.*

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# KATA PENGANTAR

Penerbitan ini memaparkan statistik bagi sektor pembinaan yang disusun daripada **Survei Pembinaan Suku Tahunan**. Kontraktor utama dengan projek bernilai RM500,000 dan ke atas yang berdaftar dengan Lembaga Pembangunan Industri Pembinaan (LPIP) Malaysia diliputi dalam survei ini.

Data yang dilaporkan adalah berdasarkan kepada nilai kerja pembinaan bagi tempoh rujukan suku tahun pertama 2008 hingga suku tahun kedua 2024. Ia juga memuatkan maklumat pembinaan mengikut jenis aktiviti, negeri dan pemilik projek iaitu kerajaan, swasta dan perbadanan awam. Data tersebut digunakan bagi tujuan membuat perancangan pembangunan dan penggubalan dasar serta pengunjuran dan analisis ekonomi oleh kerajaan dan penyelidik.

Nota teknikal berkaitan dengan objektif, skop dan liputan serta konsep dan definisi yang digunakan turut dimuatkan dalam penerbitan ini bagi meningkatkan kefahaman berkenaan dengan data tersebut.

Jabatan Perangkaan Malaysia merakamkan penghargaan atas kerjasama yang diberikan oleh responden dan juga semua pihak yang telah menyumbang secara langsung dan tidak langsung dalam menjayakan penerbitan ini. Setiap maklum balas dan cadangan untuk penambahbaikan penerbitan ini pada masa akan datang amat dihargai.

**DATO' SRI DR. MOHD UZIR MAHIDIN**

Ketua Perangkawan Malaysia

Ogos 2024

## **PREFACE**

*This publication presents statistics for the construction sector, compiled from the **Quarterly Construction Survey**. Main contractor with projects worth RM500,000 and above, registered with the Construction Industry Development Board (CIDB) Malaysia is covered in this survey.*

*The data presented is based on the value of work done for the reference period from the first quarter 2008 to the second quarter 2024. It also presents the construction data by type of activity, state and project owner, namely government, private sector and public corporation. The data is used for planning and policy formulation as well as for economic projection and analysis by the government and researchers.*

*Technical notes related to the objective, scope and coverage together with concepts and definitions used, are also included in this publication to enhance the understanding of the data.*

*The Department of Statistics Malaysia gratefully acknowledges the co-operation rendered by the respondents as well as all parties who have contributed directly and indirectly in making this publication a success. Every feedback and suggestion towards improving future publication is highly appreciated.*

**DATO' SRI DR. MOHD UZIR MAHIDIN**

*Chief Statistician Malaysia*

*August 2024*

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**KALENDAR AWALAN KELUARAN 2024 STATISTIK PEMBINAAN SUKU TAHUNAN**  
*ADVANCE RELEASE CALENDAR YEAR 2024 QUARTERLY CONSTRUCTION STATISTICS*

<b>Suku tahun rujukan</b> <i>Reference quarter</i>	<b>Tarikh</b> <i>Date</i>
<b>Suku pertama 2024</b> <i>First quarter 2024</i>	<b>13 Mei 2024</b> <i>13 May 2024</i>
<b>Suku kedua 2024</b> <i>Second quarter 2024</i>	<b>12 Ogos 2024</b> <i>12 August 2024</i>
<b>Suku ketiga 2024</b> <i>Third quarter 2024</i>	<b>11 November 2024</b> <i>11 November 2024</i>
<b>Suku keempat 2024</b> <i>Fourth quarter 2024</i>	<b>13 Februari 2025</b> <i>13 February 2025</i>

**Nota/Notes :**

**Merujuk kepada tarikh data disebarkan kepada media atau dalam penerbitan khusus.**  
*Refers to the date the data was disseminated to the media or in a specific publication.*

**Tarikh siaran tertakluk kepada pindaan.**  
*Release dates are subject to change.*

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# **RINGKASAN PENEMUAN**

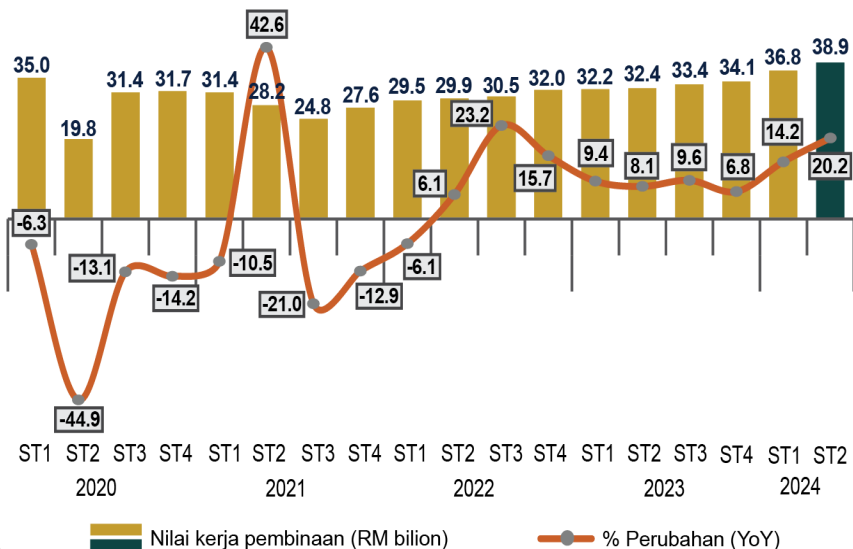
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# STATISTIK PEMBINAAN SUKU KEDUA 2024

Sektor Pembinaan melonjak 20.2 peratus dengan nilai kerja berjumlah RM38.9 bilion pada suku kedua 2024

## Nilai kerja pembinaan ST1 2020 - ST2 2024

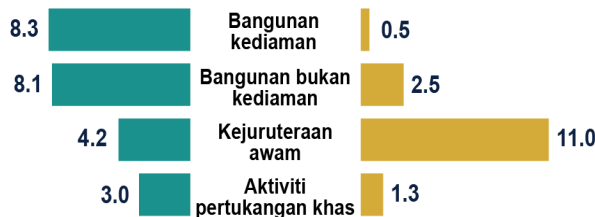


## Nilai kerja pembinaan mengikut pemilik projek

Sektor Swasta	Sektor Awam
Sumbangan (%) 60.8%	Sumbangan (%) 39.2%
(RM 23.6 bilion)	(RM 15.3 bilion)

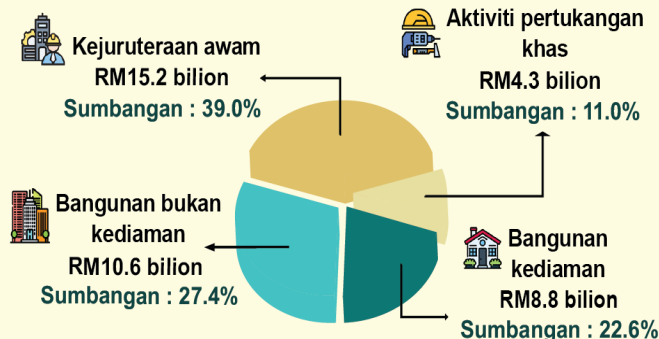
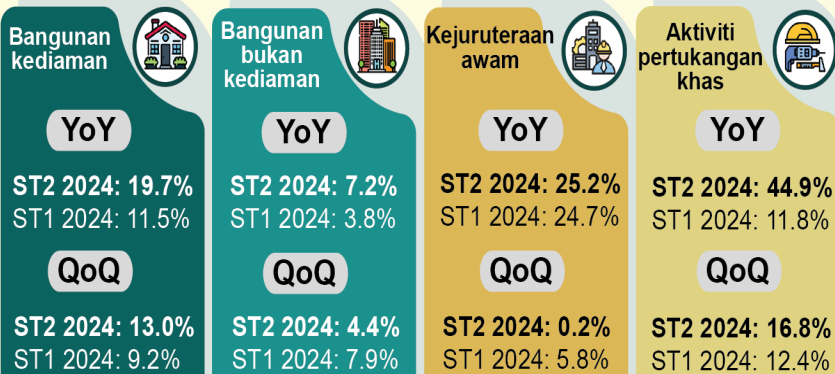
Nilai kerja pembinaan bagi Sektor Swasta (RM bil.)

Nilai kerja pembinaan bagi Sektor Awam (RM bil.)



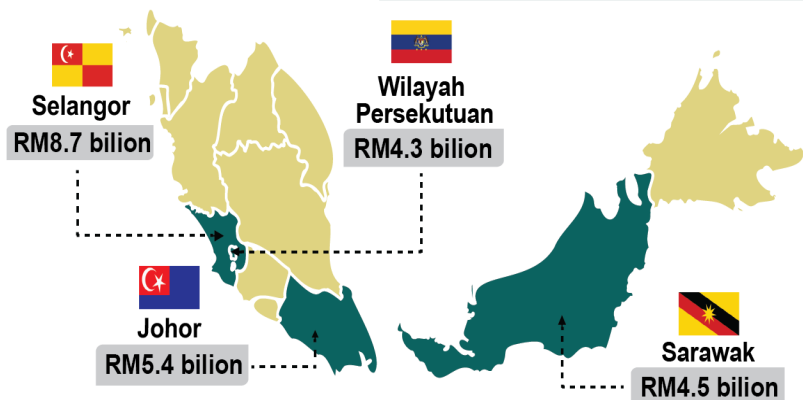
Sektor swasta kekal sebagai pemacu utama kepada pertumbuhan sektor Pembinaan pada ST2 2024

## Nilai kerja pembinaan mengikut subsektor

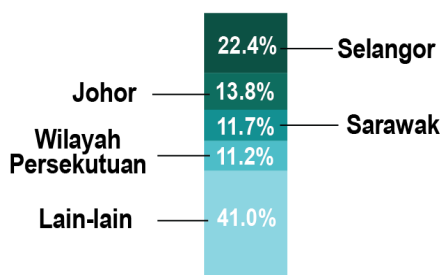


Subsektor Kejuruteraan awam dan Bangunan bukan kediaman mewakili lebih dua pertiga daripada jumlah nilai kerja pembinaan pada ST2 2024

## Nilai kerja pembinaan mengikut lokasi projek, ST2 2024



### Peratus sumbangan, ST2 2024



Hampir 59.0 peratus daripada nilai kerja pembinaan pada ST2 2024 tertumpu di Selangor, Johor, Sarawak dan Wilayah Persekutuan\*

Nota:\* Termasuk W.P. Kuala Lumpur, Labuan and Putrajaya

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# RINGKASAN PENEMUAN

## 1. Prestasi Sektor Pembinaan

Nilai kerja dalam sektor Pembinaan berjumlah RM38.9 bilion (ST1 2024: RM36.8 bilion) pada suku kedua 2024, yang terus meningkat 20.2 peratus selepas peningkatan 14.2 peratus pada suku sebelumnya. Sementara itu, perbandingan suku tahun ke suku tahun menunjukkan nilai kerja pembinaan meningkat pada 5.7 peratus pada suku tahun kedua 2024 seperti di Carta 1.

Carta 1: Nilai kerja pembinaan dan perubahan peratus, ST1 2021 - ST2 2024

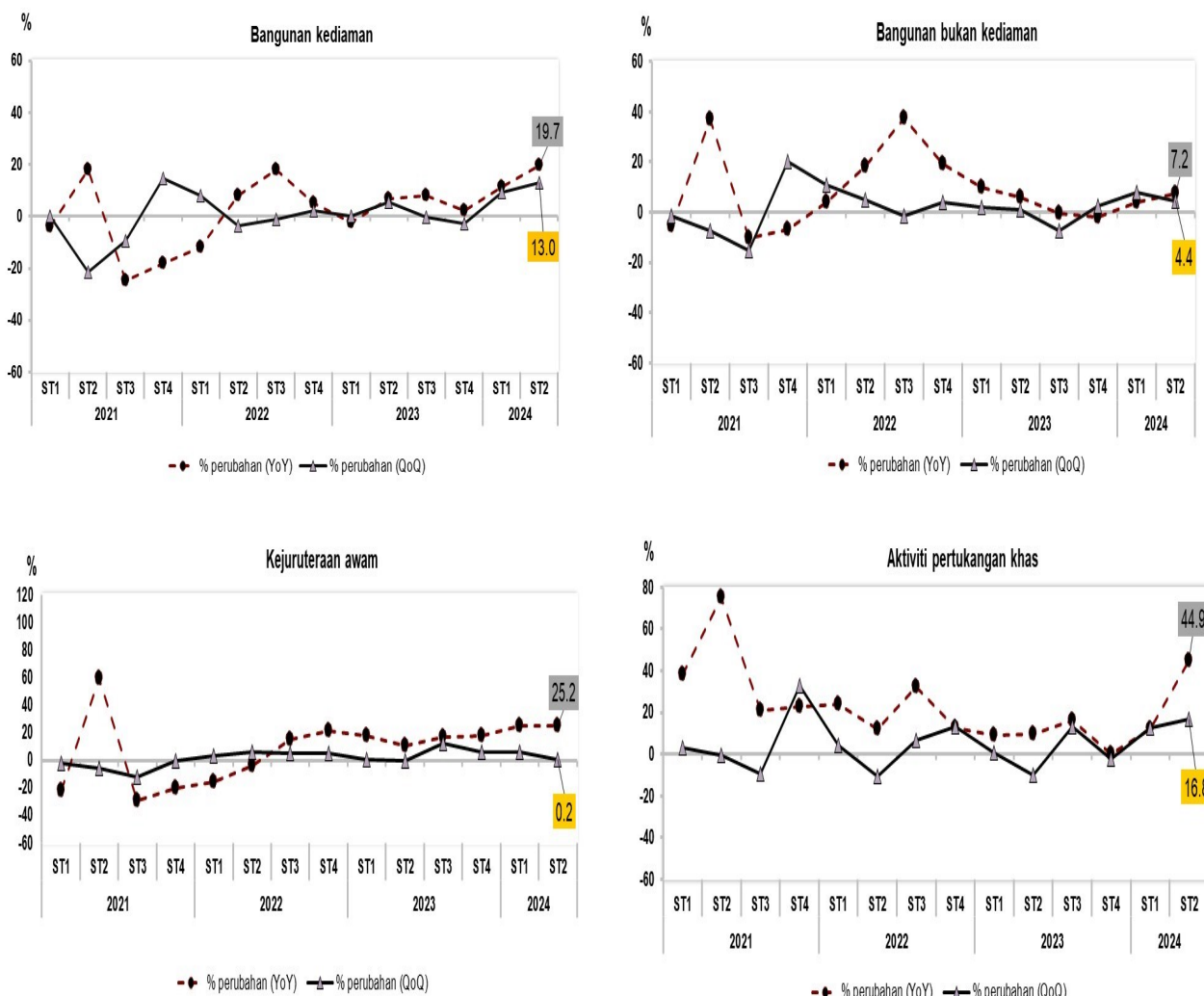


## 2. Prestasi mengikut Subsektor

Pertumbuhan dalam sektor Pembinaan pada suku kedua 2024 dipacu oleh momentum positif di semua subsektor. Pertumbuhan ini dipacu oleh prestasi yang memberangsangkan subsektor Kejuruteraan awam dan Bangunan kediaman, yang mencatatkan peningkatan dua digit yang ketara masing-masing sebanyak 25.2 peratus (ST1 2024: 24.7%) dan 19.7 peratus (ST1 2024: 11.5%). Selain itu, pertumbuhan sektor ini turut didorong oleh pengembangan yang lebih kukuh dalam subsektor Aktiviti pertukangan khas sebanyak 44.9 peratus (ST1 2024: 11.8%). Subsektor Bangunan bukan kediaman juga meningkat, dengan pertumbuhan sebanyak 7.2 peratus (ST1 2024: 3.8%) seperti di Carta 2.

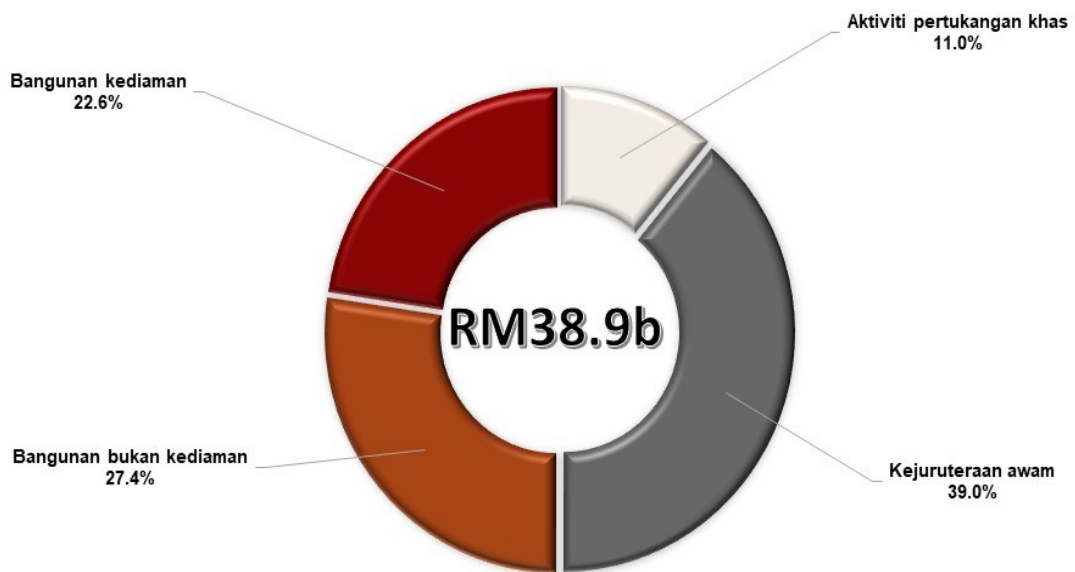
Subsektor Aktiviti pertukangan khas dan Bangunan kediaman kedua-duanya mengalami peningkatan dua digit dalam perbandingan suku ke suku tahun masing-masing pada 16.8 peratus (ST1 2024: 12.4%) dan 13.0 peratus (ST1 2024: 9.2%). Pada masa yang sama, subsektor Bangunan bukan kediaman kekal bertumbuh sebanyak 4.4 peratus (ST1 2024: 7.9%). Sementara itu, subsektor Kejuruteraan awam mencatatkan peningkatan yang sederhana pada 0.4 peratus (ST1 2024: 5.8%) seperti di Carta 2.

**Carta 2: Perubahan peratus tahunan mengikut subsektor, ST1 2021 - ST2 2024**



Subsektor Kejuruteraan awam kekal sebagai penyumbang utama nilai kerja pembinaan, dengan sumbangan terbesar sebanyak 39.0 peratus. Ini diikuti oleh subsektor Bangunan bukan kediaman dengan sumbangan sebanyak 27.4 peratus. Pada masa yang sama, subsektor Bangunan kediaman dan Aktiviti pertukangan khas masing-masing menyumbang sebanyak 22.6 peratus dan 11.0 peratus seperti di Carta 3.

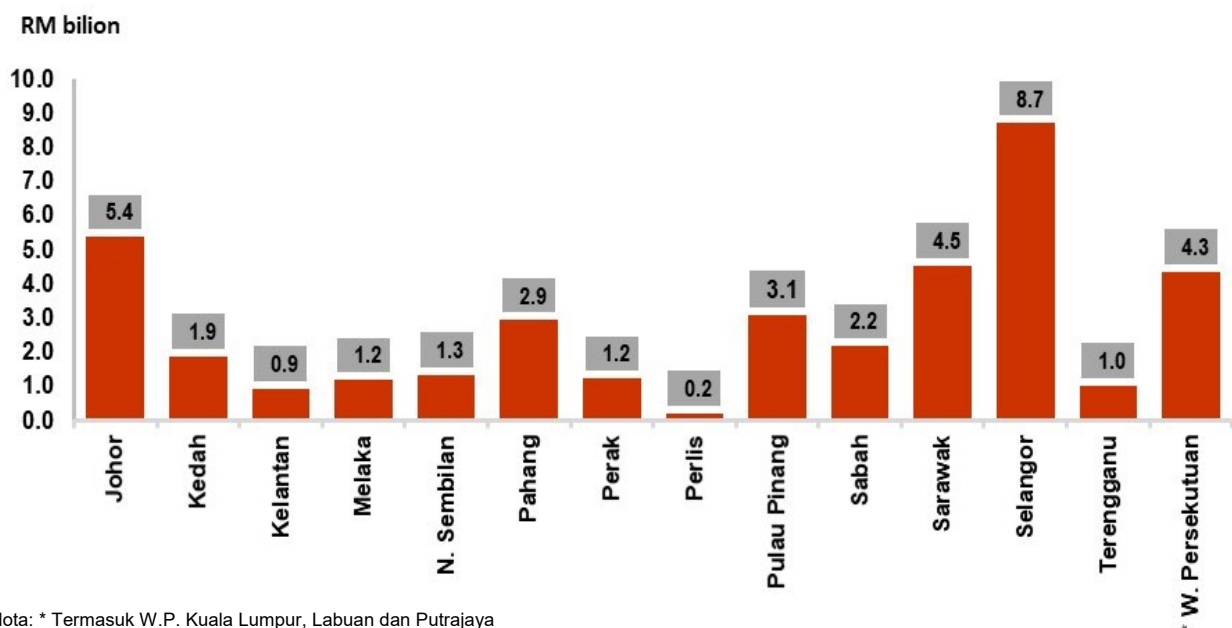
**Carta 3: Peratus sumbangan nilai kerja pembinaan mengikut subsektor, ST2 2024**



### 3. Nilai Kerja Pembinaan mengikut Lokasi Projek

Selangor merekodkan nilai kerja pembinaan tertinggi iaitu sebanyak RM8.7 bilion atau 22.4 peratus. Sementara itu, Johor menduduki tempat kedua dengan nilai RM5.4 bilion atau 13.8 peratus. Pada masa yang sama, nilai kerja di Sarawak adalah RM4.5 bilion (11.7%), manakala Wilayah Persekutuan mencatatkan RM4.3 bilion (11.2%). Keempat-empat negeri ini secara kolektif menyumbang RM22.9 bilion atau 59.0 peratus daripada nilai kerja pembinaan seperti di Carta 4.

**Carta 4: Nilai kerja pembinaan mengikut lokasi projek, ST2 2024**

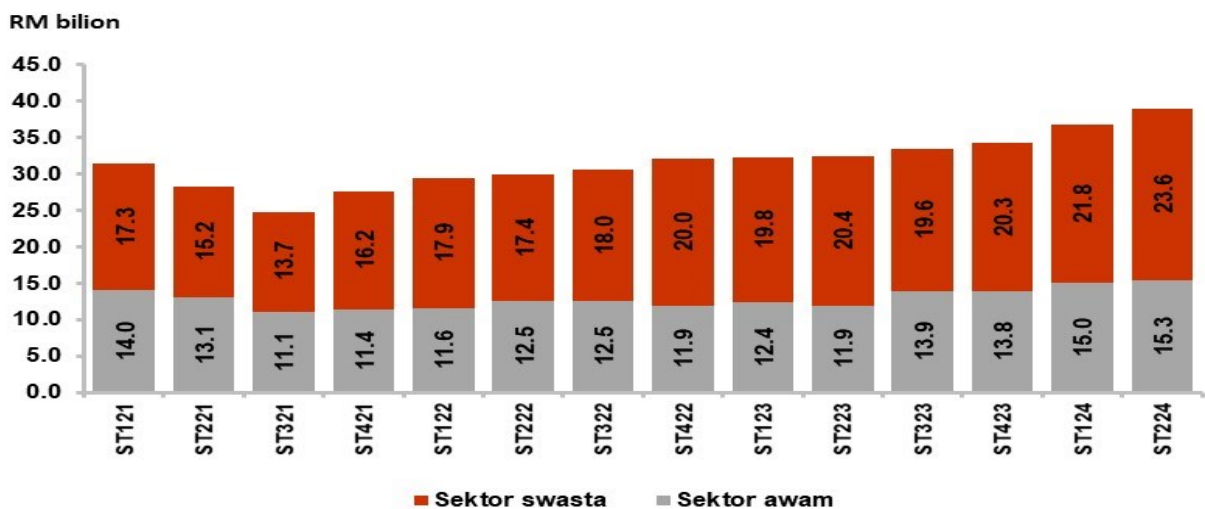


Nota: \* Termasuk W.P. Kuala Lumpur, Labuan dan Putrajaya

#### 4. Pembinaan mengikut Pemilik Projek

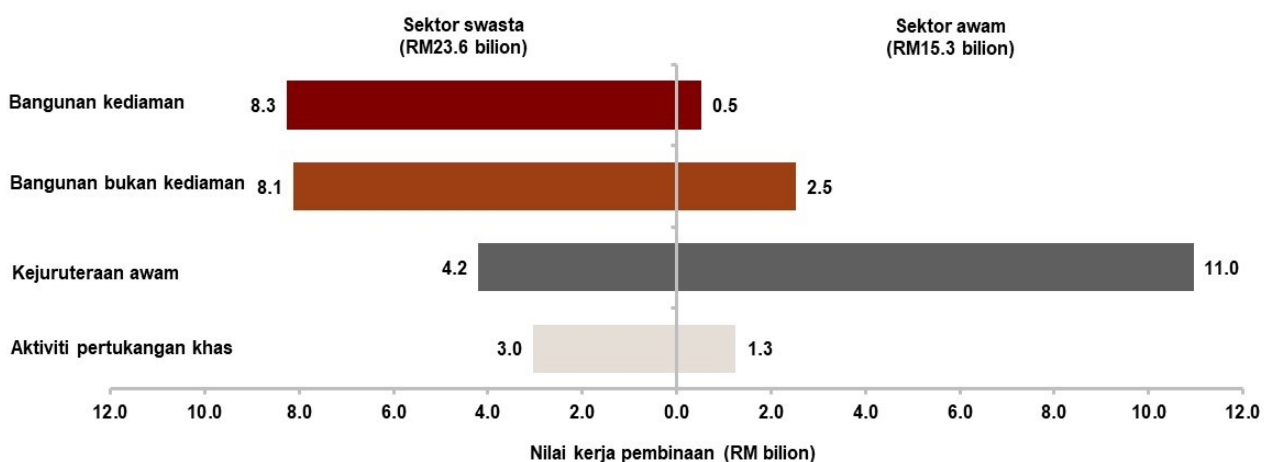
Sektor swasta kekal sebagai pemacu utama pertumbuhan dalam sektor Pembinaan, menyumbang RM23.6 bilion atau 60.8 peratus daripada jumlah nilai keseluruhan. Sektor swasta mengekalkan momentum dua digit dengan pertumbuhan sebanyak 15.8 peratus (ST1 2024: 10.1%). Sementara itu, nilai kerja oleh sektor awam mencatatkan peningkatan ketara sebanyak 27.8 peratus (ST1 2024: 20.6%) kepada RM15.3 bilion (sumbangan: 39.2%) seperti di Carta 5.

**Carta 5: Nilai kerja pembinaan mengikut pemilik projek, ST1 2021 - ST2 2024**



Nilai kerja pembinaan subsektor Bangunan kediaman dan Bangunan bukan kediaman kekal signifikan bagi projek yang dimiliki sektor swasta iaitu masing-masing menyumbang sebanyak 35.0 peratus (RM8.3 bilion) dan 34.4 peratus (RM8.1 bilion). Selain itu, projek milikan sektor awam pula disokong oleh subsektor Kejuruteraan awam dengan sumbangan sebanyak 71.8 peratus (RM11.0 bilion) seperti di Carta 6.

**Carta 6: Nilai kerja pembinaan mengikut pemilik projek dan subsektor, ST2 2024**





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A grayscale photograph of a construction site. In the foreground, there are concrete steps leading up to a construction area. To the right, a large structure is completely encased in a dense network of metal scaffolding. In the background, several vertical rebar structures are visible, and a tall construction crane extends across the upper left portion of the frame. The sky is overcast and hazy. The overall scene depicts an active construction project.

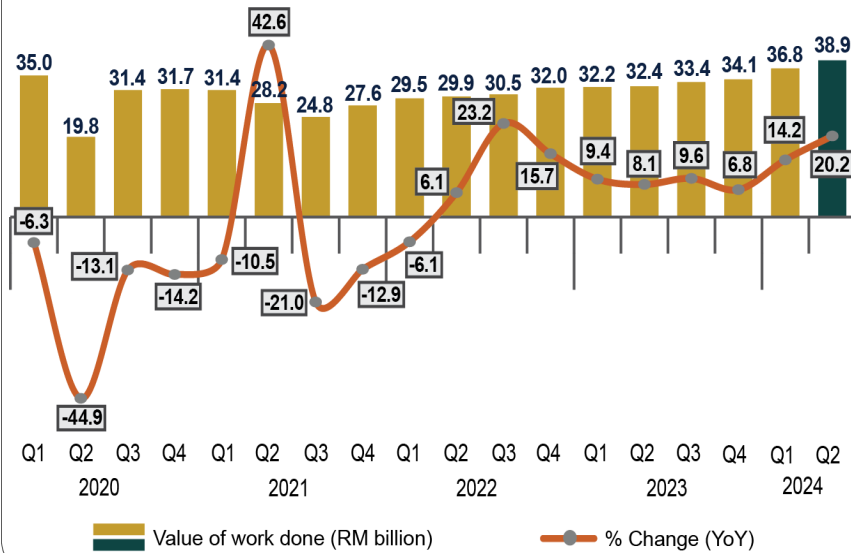
# ***SUMMARY OF FINDINGS***

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# CONSTRUCTION STATISTICS SECOND QUARTER OF 2024

The Construction sector soared by 20.2 per cent with the work done value amounting to RM38.9 billion in the second quarter of 2024

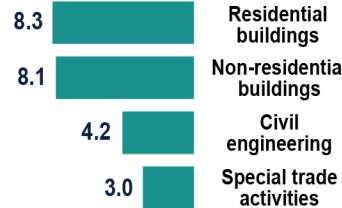
## Value of work done Q1 2020 - Q2 2024



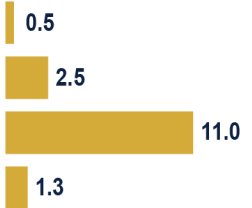
## Value of work done by project owner



### Value of work done by Private Sector (RM bil.)

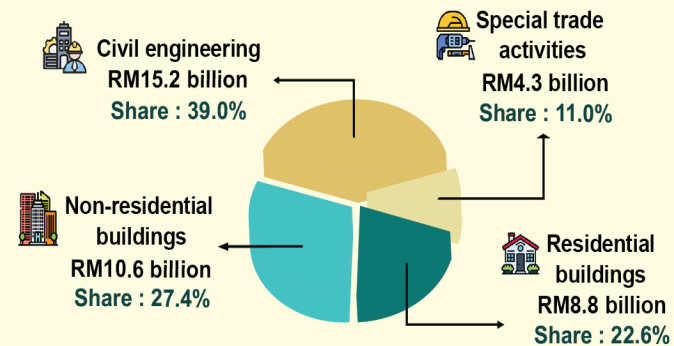
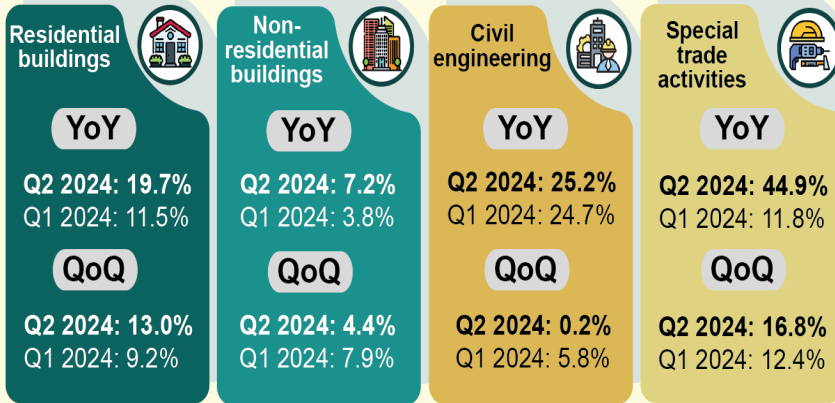


### Value of work done by Public Sector (RM bil.)



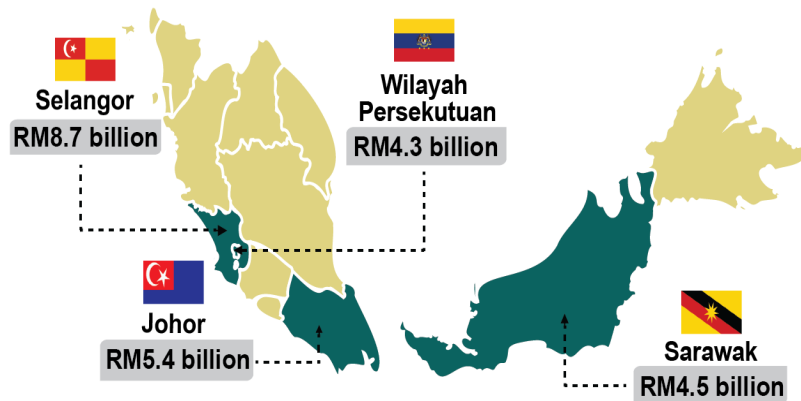
Private sector remained the main impetus to the growth of the Construction sector in Q2 2024

## Value of work done by sub-sector

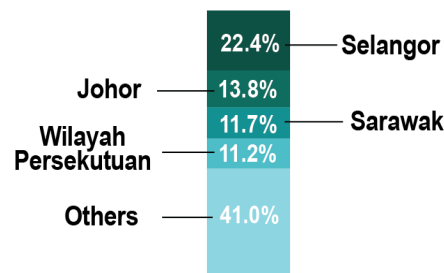


The Civil engineering and Non-residential buildings sub-sectors represented over two-thirds of the total value of work done in Q2 2024

## Value of work done by location of project, Q2 2024



### Percentage share, Q2 2024



Nearly 59.0 per cent of the work done value in Q2 2024 was concentrated in Selangor, Johor, Sarawak, and Wilayah Persekutuan\*

Note:\* Include W.P. Kuala Lumpur, Labuan and Putrajaya

YoY: Year on Year  
QoQ: Quarter on Quarter

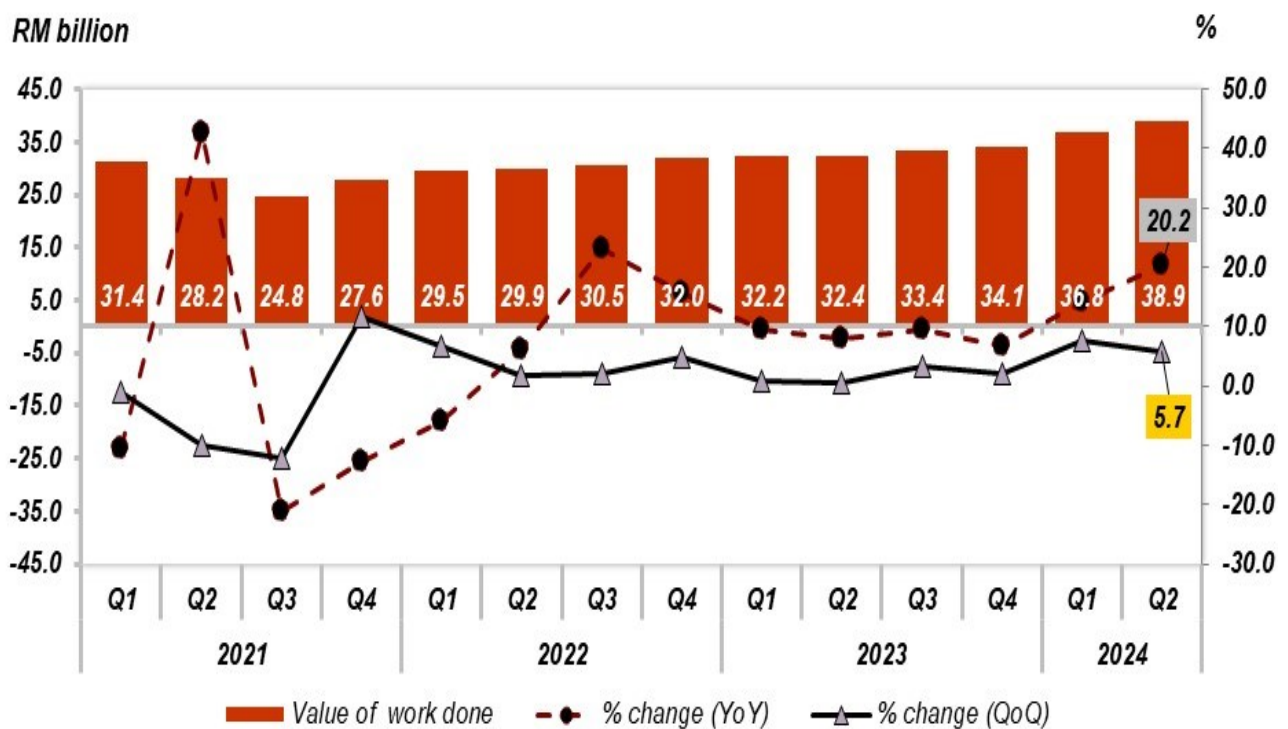
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# SUMMARY OF FINDINGS

## 1. Performance of The Construction Sector

The value of work done in the Construction sector amounted to RM38.9 billion (Q1 2024: RM36.8 billion) in the second quarter of 2024, which accelerated further by 20.2 per cent following a 14.2 per cent increase in the previous quarter. Meanwhile, a quarter-on-quarter comparison showed the value of work done grew 5.7 per cent in the second quarter of 2024 as in Chart 1.

**Chart 1: Value of work done and percentage change, Q1 2021 - Q2 2024**

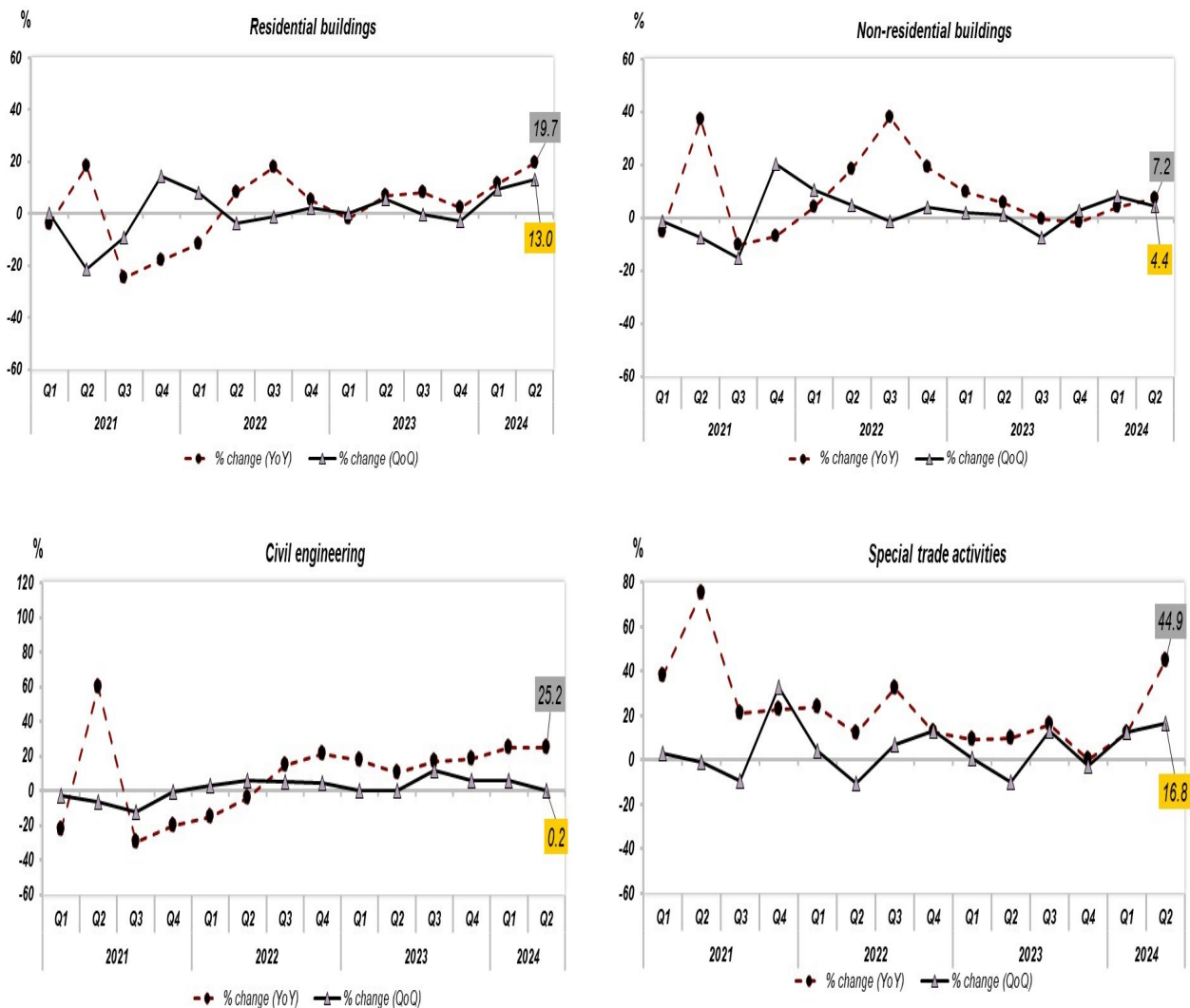


## 2. Performance by Sub-sector

The increment of the Construction sector in the second quarter of 2024 was driven by positive momentum in all sub-sectors. The growth was spearheaded by the buoyant performance of the Civil engineering and Residential buildings sub-sectors, which posted substantial double-digit increases of 25.2 per cent (Q1 2024: 24.7%) and 19.7 per cent (Q1 2024: 11.5%), respectively. Additionally, the growth of this sector was further bolstered by a robust 44.9 per cent (Q1 2024: 11.8%) expansion in the Special trade activities sub-sector. The sub-sector of Non-residential buildings also gained momentum, expanding by 7.2 per cent (Q1 2024: 3.8%) as in Chart 2.

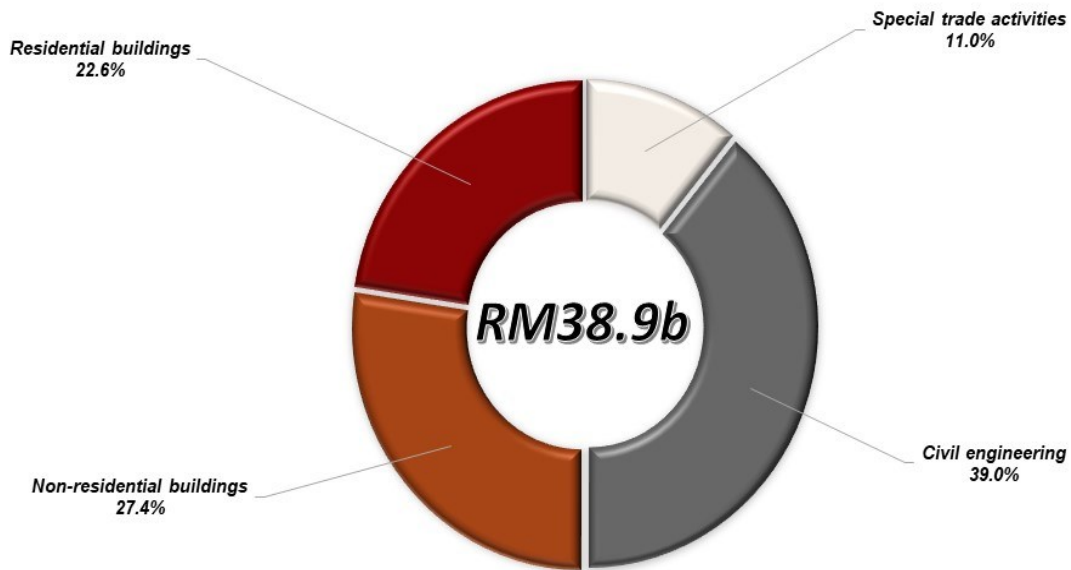
The Special trades activities and Residential building sub-sectors both experienced double-digit increases in a quarter-on-quarter comparison of 16.8 per cent (Q1 2024: 12.4%) and 13.0 per cent (Q1 2024: 9.2%) respectively. In the meantime, Non-residential buildings remained increased by 4.4 per cent (Q1 2024: 7.9%). Meanwhile, the Civil engineering sub-sector recorded grew modestly by 0.4 per cent (Q1 2024: 5.8%) as in Chart 2.

**Chart 2: Annual percentage change by sub-sector, Q1 2021 - Q2 2024**



The Civil engineering sub-sector remained as the main contributor to the overall value of construction work done, holding the largest share of 39.0 per cent. This was followed by Non-residential buildings sub-sector with a share of 27.4 per cent. In the meantime, the Residential buildings and Special trade activities sub-sectors contributed 22.6 per cent and 11.0 per cent respectively as in Chart 3.

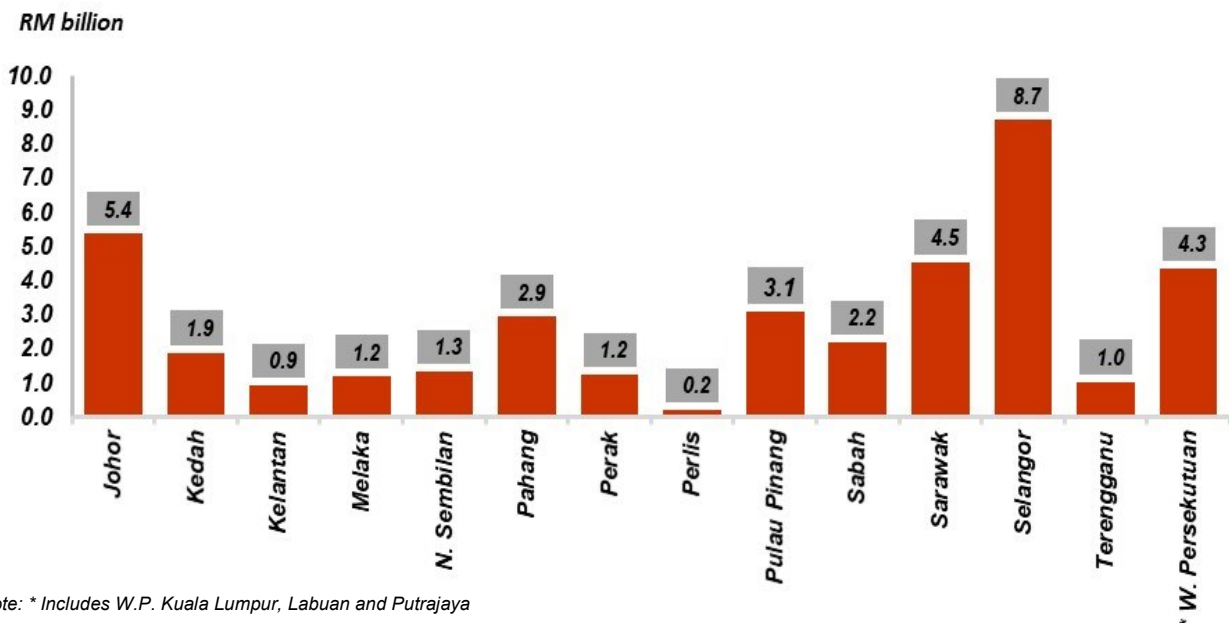
**Chart 3: Percentage share value of work done by sub-sector, Q2 2024**



### 3. Value of Work Done by Location of Project

Selangor recorded the highest value of Construction work done at RM8.7 billion or 22.4 per cent. Meanwhile, Johor ranked second with a value of RM5.4 billion or 13.8 per cent. In the meantime, the value of work done in Sarawak was RM4.5 billion (11.7%), while Wilayah Persekutuan recorded RM4.3 billion (11.2%). These four states collectively made up RM22.9 billion or 59.0 per cent of the total value work of done as in Chart 4.

**Chart 4: Value of work done by location of project, Q2 2024**



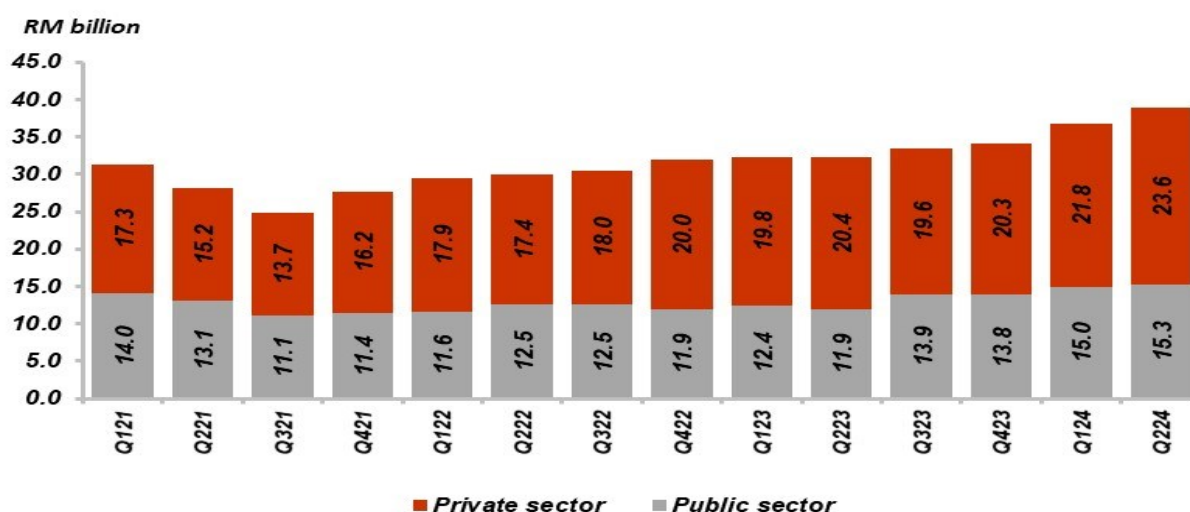
Note: \* Includes W.P. Kuala Lumpur, Labuan and Putrajaya



#### 4. Construction by Project Owner

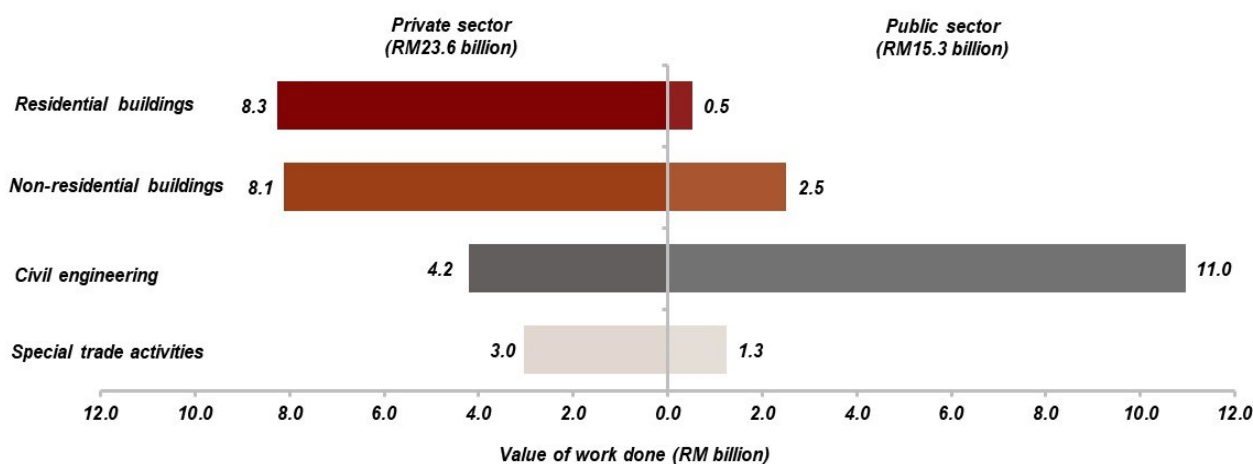
The private sector remained the primary driver of growth in the Construction sector, contributing RM23.6 billion or 60.8 per cent of the total value. The private sector sustained its double-digit momentum with a 15.8 per cent growth (Q1 2024: 10.1%). Meanwhile, the value of work done owned by the public sector registered a strong increase of 27.8 per cent (Q1 2024: 20.6%) to RM15.3 billion (share: 39.2%) as in Chart 5.

**Chart 5: Value of work done by project owner , Q1 2021 - Q2 2024**



The value of work done in Residential buildings and Non-residential buildings sub-sectors remained significant in the project owned by the private sector which contributed 35.0 per cent (RM8.3 billion) and 34.4 per cent (RM8.1 billion) respectively. Meanwhile, the project owned by the public sector was underpinned by the Civil engineering sub-sector with a share of 71.8 per cent (RM11.0 billion) as in Chart 6.

**Chart 6: Value of work done by project owner and sub-sector, Q2 2024**



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# **JADUAL** ***TABLES***

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**1 Nilai kerja pembinaan mengikut jenis aktiviti, Malaysia, ST2 2024**  
*Value of work done by type of activity, Malaysia, Q2 2024*

Jenis Aktiviti Pembinaan <i>Type of Construction Activity</i>	Kod MSIC <i>MSIC Code</i>	Nilai kerja pembinaan <i>Value of work done</i>	
		(RM '000)	%
<b>1. Pembinaan bangunan</b> <i>Construction of buildings</i>	<b>4100</b>	19,439,675	50.0
<b>2. Pembinaan jalan raya dan landasan kereta api</b> <i>Construction of roads and railways</i>	<b>4210</b>	7,508,547	19.3
<b>3. Pembinaan projek utiliti</b> <i>Construction of utility projects</i>	<b>4220</b>	5,639,342	14.5
<b>4. Pembinaan projek kejuruteraan awam lain, kecuali bangunan</b> <i>Construction of other civil engineering projects, except buildings</i>	<b>4290</b>	2,008,409	5.2
<b>5. Perobohan</b> <i>Demolition</i>	<b>4311</b>	23,742	0.1
<b>6. Penyediaan tapak</b> <i>Sites preparation</i>	<b>4312</b>	988,486	2.5
<b>7. Pemasangan elektrik</b> <i>Electrical installation</i>	<b>4321</b>	1,119,476	2.9
<b>8. Pemasangan sistem paip, pemanasan dan pendingin udara</b> <i>Plumbing, heat and air-conditioning installation</i>	<b>4322</b>	1,081,773	2.8
<b>9. Pemasangan pembinaan lain</b> <i>Other construction installation</i>	<b>4329</b>	251,912	0.6
<b>10. Penyiapan dan kemas bangunan</b> <i>Building completion and finishing</i>	<b>4330</b>	471,284	1.2
<b>11. Aktiviti pembinaan pertukangan khas lain</b> <i>Other specialized construction activities</i>	<b>4390</b>	357,466	0.9
<b>Jumlah / Total</b>		<b>38,890,113</b>	<b>100.0</b>

## 2

## Nilai kerja pembinaan mengikut lokasi projek dan subsektor, ST2 2024

Value of work done by location of project and sub-sector, Q2 2024

					(RM '000)
Negeri	Bangunan kediaman	Bangunan bukan kediaman	Kejuruteraan awam	Aktiviti pertukangan khas	Jumlah
State	Residential buildings	Non-residential buildings	Civil engineering	Special trade activities	Total
(RM '000)					
Johor	1,065,557	1,774,109	1,916,216	608,736	5,364,618
Kedah	360,178	939,912	345,909	230,768	1,876,767
Kelantan	63,311	139,603	699,948	22,306	925,168
Melaka	338,264	370,067	351,484	119,570	1,179,386
Negeri Sembilan	460,619	360,165	342,943	165,963	1,329,690
Pahang	273,625	247,255	2,287,812	120,678	2,929,371
Perak	475,470	369,313	255,048	130,345	1,230,175
Perlis	19,502	55,657	105,370	24,216	204,745
Pulau Pinang	860,143	1,281,020	280,442	650,980	3,072,584
Sabah	261,188	431,542	1,378,731	109,799	2,181,260
Sarawak	433,795	615,519	2,912,457	574,998	4,536,770
Selangor	2,492,135	2,261,117	3,008,528	934,951	8,696,731
Terengganu	45,919	142,224	754,226	75,512	1,017,881
Wilayah Persekutuan *	1,644,128	1,658,336	517,184	525,318	4,344,966
<b>Malaysia</b>	<b>8,793,835</b>	<b>10,645,840</b>	<b>15,156,298</b>	<b>4,294,140</b>	<b>38,890,113</b>

Nota/ Note: \* termasuk / includes Wilayah Persekutuan Kuala Lumpur, Putrajaya dan Labuan

### 3 Nilai kerja pembinaan mengikut subsektor dan pemilik projek, ST2 2024

Value of work done by sub-sector and project owner, Q2 2024

(RM '000)

Jenis aktiviti pembinaan <i>Types of construction activity</i>	Pemilik projek / <i>Project owner</i>				Jumlah <i>Total</i>
	Swasta <i>Private</i>	Awam <i>Public</i>		Jumlah <i>Total</i>	
		Kerajaan <i>Government</i>	Perbadanan awam <i>Public corporation</i>		
<b>Bangunan kediaman</b> <i>Residential buildings</i>	8,268,893	332,075	192,867	524,942	8,793,835
<b>Bangunan bukan kediaman</b> <i>Non-residential buildings</i>	8,129,979	2,098,973	416,888	2,515,861	10,645,840
<b>Kejuruteraan awam</b> <i>Civil engineering</i>	4,204,221	4,455,382	6,496,695	10,952,077	15,156,298
<b>Aktiviti pertukangan khas</b> <i>Special trade activities</i>	3,040,185	729,821	524,133	1,253,954	4,294,140
<b>Jumlah / <i>Total</i></b>	<b>23,643,278</b>	<b>7,616,251</b>	<b>7,630,583</b>	<b>15,246,834</b>	<b>38,890,113</b>

**4 Nilai kerja pembinaan mengikut peringkat siap projek dan subsektor, ST2 2024**  
*Value of work done by stage of project completion and sub-sector, Q2 2024*

(RM '000)

<b>Peringkat siap projek (%)</b>	<b>Bangunan kediaman</b>	<b>Bangunan bukan kediaman</b>	<b>Kejuruteraan awam</b>	<b>Aktiviti pertukangan khas</b>	<b>Jumlah</b>
<i>Stage of project completion (%)</i>	<i>Residential buildings</i>	<i>Non-residential buildings</i>	<i>Civil engineering</i>	<i>Special trade activities</i>	<i>Total</i>
<b>10 dan kurang</b> <i>10 and less</i>	556,589	626,340	604,521	118,264	1,905,715
<b>11 - 20</b>	839,576	665,548	855,870	286,995	2,647,989
<b>21 - 30</b>	747,646	785,077	970,265	758,224	3,261,212
<b>31 - 40</b>	848,528	946,848	1,054,692	273,269	3,123,338
<b>41 - 50</b>	936,018	796,314	1,932,840	309,483	3,974,655
<b>51 - 60</b>	813,324	1,155,336	2,702,241	597,210	5,268,111
<b>61 - 70</b>	955,649	1,158,981	635,734	254,121	3,004,486
<b>71 - 80</b>	832,769	1,460,970	2,645,256	355,406	5,294,401
<b>81 - 90</b>	790,967	1,147,856	801,858	389,863	3,130,544
<b>91 - 100</b>	1,472,769	1,902,569	2,953,021	951,304	7,279,663
<b>Jumlah / Total</b>	<b>8,793,835</b>	<b>10,645,840</b>	<b>15,156,298</b>	<b>4,294,140</b>	<b>38,890,113</b>



## 5 Nilai kerja pembinaan, ST1 2014 - ST2 2024

Value of work done, Q1 2014 - Q2 2024

Suku tahun <i>Quarter</i>	Bilangan projek <i>Number of project</i>	Nilai kerja pembinaan <i>Value of work done</i>		Peratus perubahan <i>Percentage change</i> (%)	
		(RM '000)	(QoQ)	(YoY)	
Q2 / 2024	20,476	38,890,113	5.7	20.2	
Q1 / 2024	19,780	36,786,060	7.7	14.2	
Q4 / 2023	19,602	34,147,037	2.1	6.8	
Q3 / 2023	18,811	33,437,241	3.4	9.6	
Q2 / 2023	17,513	32,352,865	0.4	8.1	
Q1 / 2023	17,328	32,218,461	0.8	9.4	
Q4 / 2022	17,546	31,973,673	4.8	15.7	
Q3 / 2022	17,305	30,518,583	1.9	23.2	
Q2 / 2022	16,619	29,936,072	1.6	6.1	
Q1 / 2022	16,632	29,460,996	6.6	-6.1	
Q4 / 2021	17,413	27,625,856	11.5	-12.9	
Q3 / 2021	16,589	24,775,795	-12.2	-21.0	
Q2 / 2021	14,626	28,211,661	-10.1	42.6	
Q1 / 2021	14,241	31,369,047	-1.1	-10.5	
Q4 / 2020	14,160	31,730,846	1.2	-14.2	
Q3 / 2020	13,598	31,367,003	58.6	-13.1	
Q2 / 2020	12,676	19,780,063	-43.6	-44.9	
Q1 / 2020	11,857	35,040,152	-5.2	-6.3	
Q4 / 2019	11,862	36,978,460	2.5	1.3	
Q3 / 2019	11,018	36,076,604	0.4	-0.6	
Q2 / 2019	10,579	35,919,139	-4.0	0.8	
Q1 / 2019	9,939	37,397,513	2.4	0.7	
Q4 / 2018	9,892	36,511,049	0.6	4.1	
Q3 / 2018	9,905	36,287,482	1.9	5.2	
Q2 / 2018	9,580	35,624,699	-4.0	5.3	
Q1 / 2018	9,259	37,123,931	5.8	5.9	
Q4 / 2017	8,747	35,077,956	1.7	7.7	
Q3 / 2017	8,844	34,495,002	2.0	8.1	
Q2 / 2017	9,405	33,825,084	-3.5	11.2	
Q1 / 2017	9,572	35,053,464	7.7	9.7	
Q4 / 2016	9,791	32,559,568	2.0	8.1	
Q3 / 2016	9,725	31,909,993	4.9	10.7	
Q2 / 2016	9,983	30,427,274	-4.7	11.7	
Q1 / 2016	10,043	31,941,170	6.0	11.1	
Q4 / 2015	10,230	30,128,938	4.5	11.2	
Q3 / 2015	9,883	28,834,152	5.9	14.0	
Q2 / 2015	10,074	27,239,139	-5.2	8.2	
Q1 / 2015	9,982	28,740,794	6.1	15.1	
Q4 / 2014	10,000	27,099,410	7.1	9.7	
Q3 / 2014	9,835	25,300,648	0.5	10.7	
Q2 / 2014	9,875	25,172,816	0.8	10.8	
Q1 / 2014	9,774	24,973,339	1.1	21.2	

## 6 Nilai kerja pembinaan mengikut lokasi projek, ST1 2018 - ST2 2024

Value of work done by location of project, Q1 2018 - Q2 2024

RM juta / million

Negeri State	Tahun / Suku tahun Year / Quarter											
	2018				2019				2020			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Johor</b>	8,349	6,572	6,815	6,673	6,176	5,185	4,779	4,364	3,986	2,408	2,718	3,029
<b>Kedah</b>	685	836	644	570	653	579	697	834	953	742	691	685
<b>Kelantan</b>	193	296	319	246	280	267	336	355	444	221	429	508
<b>Melaka</b>	1,228	951	773	1,421	1,247	727	750	1,381	1,074	419	577	715
<b>Negeri Sembilan</b>	1,141	1,932	1,906	1,674	1,795	1,501	1,672	1,394	1,354	512	1,368	1,421
<b>Pahang</b>	1,570	1,535	1,367	1,242	946	999	1,148	1,037	1,088	643	839	904
<b>Perak</b>	1,222	1,039	1,433	1,698	1,624	1,520	1,494	1,194	1,347	797	1,061	1,046
<b>Perlis</b>	69	96	67	54	81	59	67	61	57	52	91	108
<b>Pulau Pinang</b>	1,713	1,568	1,628	1,666	1,964	1,618	1,400	1,562	1,641	914	1,523	1,588
<b>Sabah</b>	1,617	1,690	1,816	1,777	1,796	1,819	1,839	1,884	1,900	958	1,451	1,400
<b>Sarawak</b>	2,871	3,255	3,461	3,380	3,575	3,064	3,290	3,586	3,518	2,158	3,781	3,262
<b>Selangor</b>	7,486	8,152	8,256	8,071	8,556	10,017	8,858	9,321	8,657	5,392	8,351	8,698
<b>Terengganu</b>	932	704	701	756	697	697	776	1,145	978	730	785	793
<b>Wilayah Persekutuan *</b>	8,048	6,999	7,103	7,284	8,008	7,867	8,968	8,858	8,043	3,835	7,702	7,574
<b>Malaysia</b>	<b>37,124</b>	<b>35,625</b>	<b>36,287</b>	<b>36,511</b>	<b>37,398</b>	<b>35,919</b>	<b>36,077</b>	<b>36,978</b>	<b>35,040</b>	<b>19,780</b>	<b>31,367</b>	<b>31,731</b>

Nota/ Note: \* termasuk / includes Wilayah Persekutuan Kuala Lumpur, Putrajaya dan Labuan

**6** Nilai kerja pembinaan mengikut lokasi projek, ST1 2018 - ST2 2024 (samb.)  
Value of work done by location of project, Q1 2018 - Q2 2024 (cont'd)

RM juta / million

														Negeri State
2021				2022				2023				2024		
Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
2,864	2,285	1,941	2,517	2,622	3,058	3,216	3,408	3,425	3,844	3,538	3,971	4,767	5,365	Johor
804	635	659	768	1,155	1,158	1,387	1,697	1,810	2,588	1,972	2,008	1,691	1,877	Kedah
382	333	442	451	514	688	745	1,163	1,210	962	748	525	1,100	925	Kelantan
781	528	533	619	814	542	811	688	761	644	949	721	968	1,179	Melaka
1,198	1,042	1,138	1,270	1,015	1,179	1,282	1,245	1,094	1,281	1,020	1,121	1,510	1,330	Negeri Sembilan
1,489	1,047	1,108	1,227	1,230	1,308	1,273	1,009	1,272	1,854	2,355	2,680	2,884	2,929	Pahang
1,059	923	995	1,014	1,030	1,311	1,248	1,385	1,326	1,224	1,290	1,024	1,219	1,230	Perak
131	99	88	103	107	127	99	99	126	96	169	194	203	205	Perlis
2,001	1,881	1,625	1,998	2,015	2,337	1,879	2,043	2,639	2,470	2,183	2,292	2,651	3,073	Pulau Pinang
1,798	1,667	1,558	1,728	1,968	1,805	1,956	1,833	1,977	1,683	1,708	1,959	1,999	2,181	Sabah
3,806	3,442	3,612	3,130	3,273	3,508	3,586	3,741	3,426	3,385	3,813	4,006	4,089	4,537	Sarawak
7,818	7,546	5,468	6,996	6,934	6,787	6,904	7,748	8,074	7,533	8,084	8,561	8,306	8,697	Selangor
791	857	907	856	1,013	976	789	1,218	985	1,073	1,332	1,046	1,087	1,018	Terengganu
6,446	5,926	4,701	4,949	5,770	5,154	5,344	4,695	4,092	3,716	4,276	4,038	4,312	4,345	Wilayah Persekutuan *
<b>31,369</b>	<b>28,212</b>	<b>24,776</b>	<b>27,626</b>	<b>29,461</b>	<b>29,936</b>	<b>30,519</b>	<b>31,974</b>	<b>32,218</b>	<b>32,353</b>	<b>33,437</b>	<b>34,147</b>	<b>36,786</b>	<b>38,890</b>	<b>Malaysia</b>

Nota/ Note: \* termasuk / includes Wilayah Persekutuan Kuala Lumpur, Putrajaya dan Labuan

**7 Nilai kerja pembinaan mengikut lokasi projek, 2018 - 2023**  
*Value of work done by location of project, 2018 - 2023*

RM juta / million

Negeri State	Tahun Year					
	2018	2019	2020	2021	2022	2023
Johor	28,408	20,504	12,141	9,607	12,303	14,777
Kedah	2,734	2,763	3,072	2,867	5,397	8,378
Kelantan	1,054	1,237	1,602	1,608	3,111	3,445
Melaka	4,374	4,105	2,784	2,462	2,854	3,075
Negeri Sembilan	6,652	6,362	4,654	4,649	4,721	4,516
Pahang	5,714	4,130	3,473	4,871	4,820	8,161
Perak	5,392	5,832	4,251	3,991	4,975	4,865
Perlis	287	268	308	422	433	585
Pulau Pinang	6,575	6,545	5,666	7,505	8,274	9,584
Sabah	6,899	7,338	5,709	6,751	7,562	7,328
Sarawak	12,968	13,516	12,719	13,990	14,109	14,629
Selangor	31,965	36,753	31,098	27,827	28,373	32,251
Terengganu	3,093	3,315	3,285	3,411	3,996	4,437
Wilayah Persekutuan *	29,433	33,701	27,154	22,022	20,963	16,123
<b>Malaysia</b>	<b>145,547</b>	<b>146,372</b>	<b>117,918</b>	<b>111,982</b>	<b>121,889</b>	<b>132,156</b>

Nota/ Note: \* termasuk / includes Wilayah Persekutuan Kuala Lumpur, Putrajaya dan Labuan

**8 Nilai kerja pembinaan dan peratus sumbangan mengikut subsektor,  
ST1 2012 - ST2 2024**

*Value of work done and percentage share by sub-sector,  
Q1 2012 - Q2 2024*

Tahun / Suku tahun	Bangunan kediaman		Bangunan bukan kediaman		Kejuruteraan awam		Aktiviti pertukangan khas		Jumlah	
	<i>Residential buildings</i>		<i>Non-residential buildings</i>		<i>Civil engineering</i>		<i>Special trade activities</i>		<i>Total</i>	
	RM juta/ million	(%)	RM juta/ million	(%)	RM juta/ million	(%)	RM juta/ million	(%)	RM juta/ million	(%)
<b>2023</b>	28,784	21.8	38,421	29.1	52,081	39.4	12,870	9.7	<b>132,156</b>	<b>100.0</b>
<b>2022</b>	27,769	22.8	37,266	30.6	44,995	36.9	11,859	9.7	<b>121,889</b>	<b>100.0</b>
<b>2021</b>	26,845	24.0	31,391	28.0	43,830	39.1	9,917	8.9	<b>111,982</b>	<b>100.0</b>
<b>2020</b>	29,609	25.1	31,127	26.4	49,878	42.3	7,305	6.2	<b>117,918</b>	<b>100.0</b>
<b>2019</b>	35,752	24.4	37,558	25.7	65,599	44.8	7,463	5.1	<b>146,372</b>	<b>100.0</b>
<b>2018</b>	36,592	25.1	41,201	28.3	60,593	41.6	7,162	4.9	<b>145,547</b>	<b>100.0</b>
<b>2017</b>	39,317	28.4	41,552	30.0	51,087	36.9	6,496	4.7	<b>138,452</b>	<b>100.0</b>
<b>2016</b>	37,807	29.8	39,762	31.3	43,318	34.2	5,950	4.7	<b>126,838</b>	<b>100.0</b>
<b>2015</b>	33,846	29.4	39,080	34.0	36,587	31.8	5,430	4.7	<b>114,943</b>	<b>100.0</b>
<b>2014</b>	30,516	29.8	34,314	33.5	32,689	31.9	5,026	4.9	<b>102,546</b>	<b>100.0</b>
<b>2013</b>	24,963	27.5	29,303	32.2	32,301	35.5	4,307	4.7	<b>90,875</b>	<b>100.0</b>
<b>2012</b>	20,868	25.9	27,482	34.1	28,204	35.0	4,113	5.1	<b>80,667</b>	<b>100.0</b>
<b>Q2 / 2024</b>	8,794	22.6	10,646	27.4	15,156	39.0	4,294	11.0	<b>38,890</b>	<b>100.0</b>
<b>Q1 / 2024</b>	7,780	21.1	10,198	27.7	15,132	41.1	3,676	10.0	<b>36,786</b>	<b>100.0</b>
<b>Q4 / 2023</b>	7,123	20.9	9,456	27.7	14,299	41.9	3,269	9.6	<b>34,147</b>	<b>100.0</b>
<b>Q3 / 2023</b>	7,337	21.9	9,209	27.5	13,542	40.5	3,351	10.0	<b>33,437</b>	<b>100.0</b>
<b>Q2 / 2023</b>	7,349	22.7	9,930	30.7	12,110	37.4	2,963	9.2	<b>32,353</b>	<b>100.0</b>
<b>Q1 / 2023</b>	6,975	21.7	9,826	30.5	12,130	37.6	3,287	10.2	<b>32,218</b>	<b>100.0</b>
<b>Q4 / 2022</b>	6,960	21.8	9,636	30.1	12,117	37.9	3,260	10.2	<b>31,974</b>	<b>100.0</b>
<b>Q3 / 2022</b>	6,801	22.3	9,272	30.4	11,563	37.9	2,883	9.4	<b>30,519</b>	<b>100.0</b>
<b>Q2 / 2022</b>	6,873	23.0	9,395	31.4	10,968	36.6	2,699	9.0	<b>29,936</b>	<b>100.0</b>
<b>Q1 / 2022</b>	7,135	24.2	8,963	30.4	10,348	35.1	3,016	10.2	<b>29,461</b>	<b>100.0</b>
<b>Q4 / 2021</b>	6,609	23.9	8,096	29.3	10,028	36.3	2,894	10.5	<b>27,626</b>	<b>100.0</b>
<b>Q3 / 2021</b>	5,772	23.3	6,734	27.2	10,089	40.7	2,181	8.8	<b>24,776</b>	<b>100.0</b>
<b>Q2 / 2021</b>	6,369	22.6	7,958	28.2	11,472	40.7	2,413	8.6	<b>28,212</b>	<b>100.0</b>
<b>Q1 / 2021</b>	8,095	25.8	8,604	27.4	12,241	39.0	2,429	7.7	<b>31,369</b>	<b>100.0</b>
<b>Q4 / 2020</b>	8,075	25.4	8,713	27.5	12,581	39.6	2,362	7.4	<b>31,731</b>	<b>100.0</b>
<b>Q3 / 2020</b>	7,689	24.5	7,517	24.0	14,358	45.8	1,803	5.7	<b>31,367</b>	<b>100.0</b>
<b>Q2 / 2020</b>	5,398	27.3	5,809	29.4	7,194	36.4	1,379	7.0	<b>19,780</b>	<b>100.0</b>
<b>Q1 / 2020</b>	8,448	24.1	9,087	25.9	15,745	44.9	1,761	5.0	<b>35,040</b>	<b>100.0</b>
<b>Q4 / 2019</b>	9,066	24.5	9,300	25.1	16,785	45.4	1,827	4.9	<b>36,978</b>	<b>100.0</b>
<b>Q3 / 2019</b>	8,735	24.2	8,945	24.8	16,622	46.1	1,775	4.9	<b>36,077</b>	<b>100.0</b>
<b>Q2 / 2019</b>	8,807	24.5	9,103	25.3	16,075	44.8	1,934	5.4	<b>35,919</b>	<b>100.0</b>
<b>Q1 / 2019</b>	9,144	24.5	10,210	27.3	16,117	43.1	1,927	5.2	<b>37,398</b>	<b>100.0</b>

**8 Nilai kerja pembinaan dan peratus sumbangan mengikut subsektor,  
ST1 2012 - ST2 2024 (samb.)**

*Value of work done and percentage share by sub-sector,  
Q1 2012 - Q2 2024 (cont'd)*

Tahun / Suku tahun	Bangunan kediaman		Bangunan bukan kediaman		Kejuruteraan awam		Aktiviti pertukangan khas		Jumlah	
	<i>Residential buildings</i>		<i>Non-residential buildings</i>		<i>Civil engineering</i>		<i>Special trade activities</i>		<i>Total</i>	
	RM juta/ million	(%)	RM juta/ million	(%)	RM juta/ million	(%)	RM juta/ million	(%)	RM juta/ million	(%)
<b>Q4 / 2018</b>	8,829	24.2	10,362	28.4	15,560	42.6	1,760	4.8	<b>36,511</b>	<b>100.0</b>
<b>Q3 / 2018</b>	8,981	24.7	10,118	27.9	15,463	42.6	1,726	4.8	<b>36,287</b>	<b>100.0</b>
<b>Q2 / 2018</b>	8,906	25.0	10,036	28.2	14,855	41.7	1,827	5.1	<b>35,625</b>	<b>100.0</b>
<b>Q1 / 2018</b>	9,876	26.6	10,685	28.8	14,715	39.6	1,848	5.0	<b>37,124</b>	<b>100.0</b>
<b>Q4 / 2017</b>	9,728	27.7	10,109	28.8	13,613	38.8	1,627	4.6	<b>35,078</b>	<b>100.0</b>
<b>Q3 / 2017</b>	9,729	28.2	10,080	29.2	13,142	38.1	1,544	4.5	<b>34,495</b>	<b>100.0</b>
<b>Q2 / 2017</b>	9,639	28.5	10,546	31.2	12,018	35.5	1,622	4.8	<b>33,825</b>	<b>100.0</b>
<b>Q1 / 2017</b>	10,220	29.2	10,817	30.9	12,314	35.1	1,702	4.9	<b>35,053</b>	<b>100.0</b>
<b>Q4 / 2016</b>	9,615	29.5	9,964	30.6	11,495	35.3	1,486	4.6	<b>32,560</b>	<b>100.0</b>
<b>Q3 / 2016</b>	9,579	30.0	9,801	30.7	11,133	34.9	1,397	4.4	<b>31,910</b>	<b>100.0</b>
<b>Q2 / 2016</b>	9,283	30.5	9,615	31.6	10,075	33.1	1,453	4.8	<b>30,427</b>	<b>100.0</b>
<b>Q1 / 2016</b>	9,331	29.2	10,382	32.5	10,615	33.2	1,613	5.1	<b>31,941</b>	<b>100.0</b>
<b>Q4 / 2015</b>	8,760	29.1	9,719	32.3	10,217	33.9	1,433	4.8	<b>30,129</b>	<b>100.0</b>
<b>Q3 / 2015</b>	8,227	28.5	9,937	34.5	9,330	32.4	1,340	4.6	<b>28,834</b>	<b>100.0</b>
<b>Q2 / 2015</b>	8,253	30.3	9,418	34.6	8,288	30.4	1,280	4.7	<b>27,239</b>	<b>100.0</b>
<b>Q1 / 2015</b>	8,606	29.9	10,006	34.8	8,753	30.5	1,376	4.8	<b>28,741</b>	<b>100.0</b>
<b>Q4 / 2014</b>	8,059	29.7	9,382	34.6	8,285	30.6	1,373	5.1	<b>27,099</b>	<b>100.0</b>
<b>Q3 / 2014</b>	7,598	30.0	8,724	34.5	7,838	31.0	1,141	4.5	<b>25,301</b>	<b>100.0</b>
<b>Q2 / 2014</b>	7,657	30.4	8,157	32.4	8,167	32.4	1,192	4.7	<b>25,173</b>	<b>100.0</b>
<b>Q1 / 2014</b>	7,202	28.8	8,052	32.2	8,399	33.6	1,320	5.3	<b>24,973</b>	<b>100.0</b>
<b>Q4 / 2013</b>	6,813	27.6	7,598	30.8	9,006	36.5	1,275	5.1	<b>24,692</b>	<b>100.0</b>
<b>Q3 / 2013</b>	6,253	27.4	7,869	34.4	7,667	33.6	1,062	4.6	<b>22,852</b>	<b>100.0</b>
<b>Q2 / 2013</b>	6,484	28.5	7,123	31.4	8,025	35.3	1,086	4.8	<b>22,717</b>	<b>100.0</b>
<b>Q1 / 2013</b>	5,413	26.3	6,714	32.6	7,603	36.9	884	4.3	<b>20,613</b>	<b>100.0</b>
<b>Q4 / 2012</b>	5,760	26.0	6,431	29.0	8,835	39.8	1,165	5.2	<b>22,191</b>	<b>100.0</b>
<b>Q3 / 2012</b>	5,061	24.8	7,158	35.1	7,201	35.3	982	4.8	<b>20,401</b>	<b>100.0</b>
<b>Q2 / 2012</b>	5,162	25.4	7,086	34.8	7,050	34.6	1,052	5.2	<b>20,349</b>	<b>100.0</b>
<b>Q1 / 2012</b>	4,885	27.6	6,807	38.4	5,119	28.9	915	5.2	<b>17,726</b>	<b>100.0</b>

**9 Nilai kerja pembinaan mengikut subsektor dan pemilik projek, ST1 2016 - ST2 2024**  
*Value of work done by sub-sector and project owner, Q1 2016 - Q2 2024*

(RM '000)

<i>Swasta / Private</i>					
<b>Tahun / Suku tahun</b>	<b>Bangunan kediaman</b>	<b>Bangunan bukan kediaman</b>	<b>Kejuruteraan awam</b>	<b>Aktiviti pertukangan khas</b>	<b>Jumlah</b>
<i>Year / Quarter</i>	<i>Residential buildings</i>	<i>Non-residential buildings</i>	<i>Civil engineering</i>	<i>Special trade activities</i>	<i>Total</i>
<b>2023</b>	26,883,929	30,729,885	13,653,584	8,811,541	<b>80,078,940</b>
<b>2022</b>	26,027,103	28,686,116	10,941,433	7,678,322	<b>73,332,975</b>
<b>2021</b>	25,223,611	23,621,604	7,565,766	5,952,810	<b>62,363,791</b>
<b>2020</b>	27,257,676	23,808,127	9,855,189	4,194,338	<b>65,115,331</b>
<b>2019</b>	32,776,668	27,987,922	15,675,863	4,630,590	<b>81,071,042</b>
<b>2018</b>	34,395,461	29,414,362	14,956,340	4,300,702	<b>83,066,865</b>
<b>2017</b>	37,425,204	32,117,540	14,123,067	3,958,811	<b>87,624,621</b>
<b>2016</b>	34,258,536	30,528,115	12,420,766	3,721,740	<b>80,929,157</b>
<b>Q2 / 2024</b>	8,268,893	8,129,979	4,204,221	3,040,185	<b>23,643,278</b>
<b>Q1 / 2024</b>	7,264,820	8,075,708	3,979,437	2,475,281	<b>21,795,246</b>
<b>Q4 / 2023</b>	6,726,105	7,570,999	3,907,818	2,100,534	<b>20,305,456</b>
<b>Q3 / 2023</b>	6,828,448	7,391,221	2,975,928	2,368,550	<b>19,564,147</b>
<b>Q2 / 2023</b>	6,897,128	8,174,897	3,263,335	2,082,734	<b>20,418,095</b>
<b>Q1 / 2023</b>	6,432,248	7,592,768	3,506,504	2,259,722	<b>19,791,242</b>
<b>Q4 / 2022</b>	6,490,831	7,496,636	3,907,267	2,132,826	<b>20,027,560</b>
<b>Q3 / 2022</b>	6,358,314	7,076,216	2,701,091	1,873,045	<b>18,008,667</b>
<b>Q2 / 2022</b>	6,424,694	7,323,207	1,919,449	1,737,613	<b>17,404,964</b>
<b>Q1 / 2022</b>	6,753,265	6,790,056	2,413,626	1,934,838	<b>17,891,785</b>
<b>Q4 / 2021</b>	6,151,056	6,017,915	2,108,965	1,936,719	<b>16,214,655</b>
<b>Q3 / 2021</b>	5,432,445	5,026,870	1,863,174	1,341,621	<b>13,664,110</b>
<b>Q2 / 2021</b>	6,056,020	6,083,922	1,687,149	1,328,643	<b>15,155,734</b>
<b>Q1 / 2021</b>	7,584,090	6,492,896	1,906,478	1,345,827	<b>17,329,292</b>
<b>Q4 / 2020</b>	7,461,342	6,763,154	2,183,588	1,277,785	<b>17,685,870</b>
<b>Q3 / 2020</b>	7,059,475	5,661,533	2,111,255	1,073,816	<b>15,906,080</b>
<b>Q2 / 2020</b>	5,103,921	4,514,736	1,889,311	804,445	<b>12,312,413</b>
<b>Q1 / 2020</b>	7,632,938	6,868,704	3,671,034	1,038,292	<b>19,210,968</b>
<b>Q4 / 2019</b>	8,209,230	6,842,943	4,593,126	1,083,150	<b>20,728,449</b>
<b>Q3 / 2019</b>	8,081,681	6,834,103	3,589,122	1,084,866	<b>19,589,772</b>
<b>Q2 / 2019</b>	8,143,521	6,724,708	3,765,207	1,177,853	<b>19,811,289</b>
<b>Q1 / 2019</b>	8,342,235	7,586,168	3,728,409	1,284,720	<b>20,941,532</b>
<b>Q4 / 2018</b>	8,078,123	7,496,625	3,897,871	1,062,310	<b>20,534,929</b>
<b>Q3 / 2018</b>	8,484,981	6,814,917	3,533,179	1,005,868	<b>19,838,945</b>
<b>Q2 / 2018</b>	8,433,837	6,884,368	3,654,061	1,126,553	<b>20,098,819</b>
<b>Q1 / 2018</b>	9,398,519	8,218,453	3,871,229	1,105,971	<b>22,594,172</b>
<b>Q4 / 2017</b>	9,181,755	8,273,179	3,722,026	1,039,682	<b>22,216,642</b>
<b>Q3 / 2017</b>	9,324,836	7,910,488	3,413,101	932,529	<b>21,580,952</b>
<b>Q2 / 2017</b>	9,289,072	7,623,404	3,633,949	1,031,729	<b>21,578,154</b>
<b>Q1 / 2017</b>	9,629,542	8,310,469	3,353,991	954,871	<b>22,248,873</b>
<b>Q4 / 2016</b>	8,737,071	7,727,146	2,626,898	884,940	<b>19,976,055</b>
<b>Q3 / 2016</b>	8,627,431	7,549,412	2,541,556	882,956	<b>19,601,355</b>
<b>Q2 / 2016</b>	8,456,018	7,122,536	3,662,338	961,574	<b>20,202,465</b>
<b>Q1 / 2016</b>	8,438,016	8,129,021	3,589,973	992,270	<b>21,149,282</b>

**9 Nilai kerja pembinaan mengikut subsektor dan pemilik projek, ST1 2016 - ST2 2024 (samb.)**  
*Value of work done by sub-sector and project owner, Q1 2016 - Q2 2024 (cont'd)*

(RM '000)

<b>Kerajaan / Government</b>					
<b>Tahun / Suku tahun</b>	<b>Bangunan kediaman</b>	<b>Bangunan bukan kediaman</b>	<b>Kejuruteraan awam</b>	<b>Aktiviti pertukangan khas</b>	<b>Jumlah</b>
<i>Year / Quarter</i>	<i>Residential buildings</i>	<i>Non-residential buildings</i>	<i>Civil engineering</i>	<i>Special trade activities</i>	<i>Total</i>
<b>2023</b>	1,090,917	6,394,828	17,440,968	2,107,427	<b>27,034,139</b>
<b>2022</b>	1,102,226	5,995,474	17,821,923	1,965,509	<b>26,885,132</b>
<b>2021</b>	1,026,594	6,089,973	17,178,529	1,999,719	<b>26,294,815</b>
<b>2020</b>	1,674,204	5,609,849	18,008,347	1,445,621	<b>26,738,021</b>
<b>2019</b>	1,905,410	7,282,771	18,819,695	1,537,006	<b>29,544,882</b>
<b>2018</b>	1,460,971	7,973,574	17,835,471	1,691,740	<b>28,961,757</b>
<b>2017</b>	1,107,951	5,363,373	14,353,002	1,745,396	<b>22,569,722</b>
<b>2016</b>	1,363,707	4,973,664	12,044,806	1,379,057	<b>19,761,234</b>
<b>Q2 / 2024</b>	332,075	2,098,973	4,455,382	729,821	<b>7,616,251</b>
<b>Q1 / 2024</b>	345,369	1,657,215	4,720,585	644,610	<b>7,367,780</b>
<b>Q4 / 2023</b>	246,382	1,596,389	4,013,082	774,052	<b>6,629,906</b>
<b>Q3 / 2023</b>	332,462	1,561,737	4,468,597	535,924	<b>6,898,721</b>
<b>Q2 / 2023</b>	266,858	1,448,314	4,347,812	422,326	<b>6,485,310</b>
<b>Q1 / 2023</b>	245,213	1,788,386	4,611,478	375,124	<b>7,020,202</b>
<b>Q4 / 2022</b>	280,131	1,532,727	4,504,262	508,831	<b>6,825,950</b>
<b>Q3 / 2022</b>	239,536	1,539,482	4,799,796	377,870	<b>6,956,684</b>
<b>Q2 / 2022</b>	315,817	1,354,568	4,323,813	492,804	<b>6,487,002</b>
<b>Q1 / 2022</b>	266,742	1,568,696	4,194,052	586,004	<b>6,615,495</b>
<b>Q4 / 2021</b>	288,922	1,590,388	4,324,145	535,024	<b>6,738,479</b>
<b>Q3 / 2021</b>	214,627	1,370,529	4,124,813	455,001	<b>6,164,970</b>
<b>Q2 / 2021</b>	211,823	1,446,267	3,895,331	506,456	<b>6,059,877</b>
<b>Q1 / 2021</b>	311,222	1,682,789	4,834,240	503,238	<b>7,331,489</b>
<b>Q4 / 2020</b>	457,922	1,500,859	4,276,151	454,358	<b>6,689,289</b>
<b>Q3 / 2020</b>	476,166	1,340,863	5,543,545	382,110	<b>7,742,684</b>
<b>Q2 / 2020</b>	230,431	1,008,815	2,882,373	242,730	<b>4,364,349</b>
<b>Q1 / 2020</b>	509,684	1,759,312	5,306,279	366,423	<b>7,941,698</b>
<b>Q4 / 2019</b>	544,098	1,751,735	4,785,406	407,153	<b>7,488,392</b>
<b>Q3 / 2019</b>	493,530	1,512,920	4,939,116	358,425	<b>7,303,990</b>
<b>Q2 / 2019</b>	469,054	1,928,580	4,135,376	371,950	<b>6,904,960</b>
<b>Q1 / 2019</b>	398,727	2,089,537	4,959,797	399,478	<b>7,847,539</b>
<b>Q4 / 2018</b>	389,247	1,987,269	4,425,212	399,964	<b>7,201,693</b>
<b>Q3 / 2018</b>	382,714	2,113,901	4,728,279	392,333	<b>7,617,227</b>
<b>Q2 / 2018</b>	366,630	2,217,222	4,451,877	373,912	<b>7,409,640</b>
<b>Q1 / 2018</b>	322,381	1,655,182	4,230,103	525,531	<b>6,733,197</b>
<b>Q4 / 2017</b>	334,420	1,184,130	3,697,597	419,489	<b>5,635,635</b>
<b>Q3 / 2017</b>	215,518	1,450,994	3,571,848	454,899	<b>5,693,258</b>
<b>Q2 / 2017</b>	219,375	1,332,245	3,562,098	399,859	<b>5,513,577</b>
<b>Q1 / 2017</b>	338,638	1,396,005	3,521,459	471,149	<b>5,727,250</b>
<b>Q4 / 2016</b>	307,684	1,101,438	3,482,925	415,193	<b>5,307,239</b>
<b>Q3 / 2016</b>	323,796	1,284,130	3,304,119	352,263	<b>5,264,309</b>
<b>Q2 / 2016</b>	392,328	1,257,892	2,610,342	288,650	<b>4,549,212</b>
<b>Q1 / 2016</b>	339,899	1,330,203	2,647,420	322,951	<b>4,640,474</b>



**9** Nilai kerja pembinaan mengikut subsektor dan pemilik projek, ST1 2016 - ST2 2024 (samb.)  
*Value of work done by sub-sector and project owner, Q1 2016 - Q2 2024 (cont'd)*

(RM '000)

<b>Perbadanan awam / Public corporation</b>					
<b>Tahun / Suku tahun</b>	<b>Bangunan kediaman</b>	<b>Bangunan bukan kediaman</b>	<b>Kejuruteraan awam</b>	<b>Aktiviti pertukangan khas</b>	<b>Jumlah</b>
<i>Year / Quarter</i>	<i>Residential buildings</i>	<i>Non-residential buildings</i>	<i>Civil engineering</i>	<i>Special trade activities</i>	<i>Total</i>
<b>2023</b>	809,123	1,295,994	20,986,132	1,951,277	<b>25,042,525</b>
<b>2022</b>	640,141	2,584,424	16,231,699	2,214,952	<b>21,671,217</b>
<b>2021</b>	594,735	1,679,279	19,085,281	1,964,458	<b>23,323,753</b>
<b>2020</b>	676,922	1,708,585	22,014,512	1,664,693	<b>26,064,712</b>
<b>2019</b>	1,069,810	2,286,832	31,103,733	1,295,417	<b>35,755,792</b>
<b>2018</b>	735,547	3,812,938	27,800,993	1,169,061	<b>33,518,539</b>
<b>2017</b>	783,893	4,070,747	22,610,774	791,750	<b>28,257,163</b>
<b>2016</b>	2,185,125	4,260,021	18,852,881	849,587	<b>26,147,613</b>
<b>Q2 / 2024</b>	192,867	416,888	6,496,695	524,133	<b>7,630,583</b>
<b>Q1 / 2024</b>	169,914	465,559	6,431,619	555,943	<b>7,623,035</b>
<b>Q4 / 2023</b>	150,090	288,570	6,378,444	394,571	<b>7,211,675</b>
<b>Q3 / 2023</b>	175,635	255,703	6,096,998	446,037	<b>6,974,373</b>
<b>Q2 / 2023</b>	185,451	306,648	4,499,023	458,337	<b>5,449,459</b>
<b>Q1 / 2023</b>	297,947	445,073	4,011,666	652,331	<b>5,407,017</b>
<b>Q4 / 2022</b>	188,850	607,044	3,705,479	618,789	<b>5,120,163</b>
<b>Q3 / 2022</b>	203,242	655,908	4,061,952	632,131	<b>5,553,232</b>
<b>Q2 / 2022</b>	132,959	717,701	4,724,443	469,003	<b>6,044,106</b>
<b>Q1 / 2022</b>	115,091	603,771	3,739,825	495,029	<b>4,953,716</b>
<b>Q4 / 2021</b>	168,584	487,595	3,594,639	421,904	<b>4,672,722</b>
<b>Q3 / 2021</b>	125,112	336,300	4,100,921	384,383	<b>4,946,716</b>
<b>Q2 / 2021</b>	101,419	427,384	5,889,272	577,974	<b>6,996,049</b>
<b>Q1 / 2021</b>	199,620	428,001	5,500,448	580,197	<b>6,708,266</b>
<b>Q4 / 2020</b>	155,688	449,389	6,121,021	629,590	<b>7,355,687</b>
<b>Q3 / 2020</b>	152,970	514,396	6,703,594	347,279	<b>7,718,239</b>
<b>Q2 / 2020</b>	63,328	285,420	2,422,591	331,961	<b>3,103,300</b>
<b>Q1 / 2020</b>	304,937	459,380	6,767,306	355,864	<b>7,887,486</b>
<b>Q4 / 2019</b>	312,846	705,062	7,406,958	336,753	<b>8,761,619</b>
<b>Q3 / 2019</b>	159,404	598,208	8,093,945	331,284	<b>9,182,842</b>
<b>Q2 / 2019</b>	194,381	449,409	8,174,405	384,694	<b>9,202,889</b>
<b>Q1 / 2019</b>	403,179	534,153	7,428,425	242,686	<b>8,608,442</b>
<b>Q4 / 2018</b>	361,562	878,225	7,236,436	298,204	<b>8,774,428</b>
<b>Q3 / 2018</b>	113,242	1,188,796	7,201,136	328,136	<b>8,831,310</b>
<b>Q2 / 2018</b>	105,701	934,862	6,749,370	326,307	<b>8,116,240</b>
<b>Q1 / 2018</b>	155,041	811,055	6,614,051	216,414	<b>7,796,562</b>
<b>Q4 / 2017</b>	212,020	651,924	6,193,512	168,222	<b>7,225,679</b>
<b>Q3 / 2017</b>	188,658	718,369	6,156,800	156,964	<b>7,220,791</b>
<b>Q2 / 2017</b>	130,925	1,589,864	4,822,051	190,512	<b>6,733,353</b>
<b>Q1 / 2017</b>	252,290	1,110,589	5,438,411	276,051	<b>7,077,341</b>
<b>Q4 / 2016</b>	570,055	1,135,329	5,384,689	186,201	<b>7,276,273</b>
<b>Q3 / 2016</b>	627,538	967,203	5,287,635	161,952	<b>7,044,328</b>
<b>Q2 / 2016</b>	434,526	1,235,002	3,802,819	203,250	<b>5,675,596</b>
<b>Q1 / 2016</b>	553,006	922,488	4,377,738	298,184	<b>6,151,415</b>

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A grayscale photograph of a construction site. The foreground shows a concrete slab with some rebar protruding. In the middle ground, there are several buildings under construction, heavily covered in scaffolding and rebar. A large crane is visible on the left side. The background shows more buildings and a hazy sky. The overall scene is industrial and technical.

# **NOTA TEKNIKAL**

## *TECHNICAL NOTES*

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# NOTA TEKNIKAL

- 1. Pendahuluan** Survei Pembinaan Suku Tahunan dijalankan dengan menggunakan pendekatan projek bermula daripada suku pertama 2006. Survei ini hanya meliputi kontraktor utama yang dianugerahkan dengan sesuatu projek. Nilai kerja pembinaan yang dilaporkan oleh kontraktor utama tersebut adalah jumlah keseluruhan nilai kerja yang dibuat tidak kira sama ada dilakukan oleh kontraktor utama atau sub-kontraktor. Memandangkan projek-projek hanya dianugerahkan kepada kontraktor utama, ia menyisihkan kemasukan sub-kontraktor dalam penyiasatan yang mungkin akan menimbulkan elemen pengiraan berganda dalam penyusunan data.
- 2. Objektif** Objektif utama Survei Pembinaan Suku Tahunan adalah untuk mengumpul dan menyusun data mengenai nilai kerja pembinaan untuk menerbitkan Statistik Pembinaan Suku Tahunan. Di samping itu, hasil penemuan survei digunakan dalam penyusunan Keluaran Dalam Negeri Kasar (KDNK) serta membantu kerajaan dalam perancangan ekonomi dan penggubalan dasar. Maklumat tersebut boleh juga digunakan oleh pihak swasta dan individu bagi tujuan membuat analisis ekonomi.
- 3. Kuasa perundangan** Survei ini dilaksanakan dibawah **Akta Perangkaan 1965 (Disemak 1989)**. Seksyen 5 di bawah akta ini menghendaki mana-mana pertubuhan yang beroperasi di Malaysia untuk memberikan maklumat sebenar atau anggaran terbaik kepada Jabatan. Mengikut akta ini, kandungan soal selidik adalah **sulit** dan hanya angka agregat diterbitkan.
- 4. Skop dan liputan** Survei Pembinaan Suku Tahunan melibatkan semua kontraktor utama yang menjalankan projek bernilai RM500,000 dan ke atas yang berdaftar dengan Lembaga Pembangunan Industri Pembinaan (LPIP). Liputan survei adalah terdiri daripada 72 industri pembinaan yang dikelaskan mengikut Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver.1.0. Aktiviti pembinaan yang berkaitan dengan penerokaan minyak dan gas tidak diliputi dalam survei ini. Senarai lengkap industri yang diliputi ditunjukkan di dalam Lampiran.
- 5. Kaedah pengumpulan** Survei ini dijalankan melalui soal selidik mel. Responden diberi tempoh dua minggu untuk melengkap dan mengembalikan soal selidik kepada Jabatan. Selepas tempoh tersebut, lawatan kerja luar akan dijalankan untuk mendapatkan respons daripada pertubuhan yang masih belum mengembalikan soal selidik berkenaan. Bagi kes yang belum respons selepas lawatan kerja luar, anggaran nilai kerja pembinaan menggunakan kaedah statistik yang bersesuaian akan dilakukan. Kadar respons semasa tamat penyiasatan adalah melebihi 90 peratus.
- 6. Kontraktor utama** Kontraktor utama adalah merujuk kepada orang, firma, dan lain-lain yang menerima tanggungjawab bagi menyiapkan keseluruhan sesuatu projek pembinaan. Satu kontrak dibuat dengan pemilik projek bagi kontraktor berkenaan menyiapkan sesuatu jenis kerja

## NOTA TEKNIKAL (SAMB.)

binaan mengikut spesifikasi yang telah ditetapkan dalam perjanjian. Seseorang kontraktor utama boleh membuat keseluruhan kerja atau sub-kontrak keseluruhan atau sebahagian projek tersebut kepada satu atau lebih sub-kontraktor. Walau bagaimanapun, kontraktor utama adalah bertanggungjawab untuk memastikan semua kerja dibuat mengikut kepuasan pemilik projek.

- 7. Unit pelapor** Unit pelapor bagi survei ini ialah kontraktor utama. Unit ini melaporkan status kerja bagi setiap projek pembinaan yang sedang diusahakan.
- 8. Lokasi projek** Lokasi projek adalah merujuk kepada negeri di mana sesuatu projek pembinaan tersebut didirikan.
- 9. Nilai kerja pembinaan** Nilai kerja pembinaan yang dilakukan adalah termasuk pembinaan baru, pembaikan besar, pemulihan, pengubahsuaian dan pembaikan serta penyelenggaraan semasa yang dijalankan dalam tempoh rujukan untuk pemilik atau pelabur projek.
- 10. Jenis aktiviti pembinaan** Kategori jenis pembinaan yang digunakan dalam penerbitan ini adalah mengikut MSIC 2008 Ver. 1.0 seperti berikut :-
- Bangunan kediaman (41001)
  - Bangunan bukan kediaman (41002)
  - Kod 41003 dan 41009 dikelaskan di bawah bangunan kediaman atau bukan kediaman mengikut aktiviti yang dijalankan
  - Kejuruteraan awam (42101 - 42106, 42109, 42201 - 42207, 42209, 42901 - 42906, 42909)
  - Aktiviti pembinaan pertukangan khas (Pertukangan khas) (43110, 43121 - 43126, 43129, 43211 - 43216, 43219, 43221 - 43229, 43291 - 43295, 43299, 43301 - 43307, 43309, 43901 - 43907, 43909)
- 11. Perbadanan awam** Perbadanan awam ditubuhkan di bawah undang-undang yang diluluskan oleh Akta Parlimen atau Dewan Undangan Negeri. Ia bertujuan untuk membolehkan kerajaan terlibat secara terus dalam bidang pembangunan sosio-ekonomi negara. Ia terdiri daripada badan-badan berkanun dan badan-badan tidak berkanun yang dapat bergerak dan mengendalikan program kerajaan dengan lebih bebas. Contoh perbadanan awam ialah Tenaga Nasional Berhad, Telekom Malaysia Berhad, Keretapi Tanah Melayu Berhad, dll.
- 12. Pembundaran** Jumlah bagi komponen-komponen mungkin berbeza daripada jumlah besar di jadual dalam penerbitan ini oleh kerana pembundaran angka.

## NOTA TEKNIKAL (SAMB.)

**13. Simbol dan huruf ringkas** Simbol dan singkatan berikut telah digunakan dalam penerbitan:-

QoQ	Suku tahun ke suku tahun
YoY	Tahun ke tahun
-	Tiada
Bil.	Bilangan
RM	Ringgit Malaysia
ST	Suku Tahun
t.t.t.l.	Tidak terkelas di tempat lain
b	Bilion

# TECHNICAL NOTES

- 1. Introduction** *The Quarterly Construction Survey is conducted based on project approach starting from the first quarter 2006. This survey covers only main contractors who are awarded with the projects. The value of work done reported by these main contractors is the value of work done irrespective of whether the main contractor or the sub-contractor did the work. Since projects are only awarded to the main contractors, it eliminates the inclusion of sub-contractors in the survey which may create an element of double counting in the compilation of data.*
- 2. Objective** *The main objective of the Quarterly Construction Survey is to collect and compile data on the value of work done to publish Quarterly Construction Statistics. Furthermore, the findings of the survey are used in the compilation of Gross Domestic Product (GDP) as well as assisting government in economic planning and policy formulation. The data can also be used by the private sector and individuals for economic analysis.*
- 3. Legal authority** *The survey was conducted under the provisions of the **Statistics Act, 1965 (Revised 1989)**. Section 5 of this Act requires all establishments operating in Malaysia to provide actual information or best estimates to the Department. The Act stipulates that the contents of individual returns are **confidential** and only aggregated figures are published.*
- 4. Scope and coverage** *The Quarterly Construction Survey covers all main contractors with value of projects worth RM500,000 and above registered with the Construction Industry Development Board (CIDB). The survey coverage consist of 72 construction industries classified according to the Malaysian Standard Industrial Classification (MSIC) 2008. Construction activities related to oil and gas explorations are not covered in this survey. A complete list of the industries covered are shown in the Appendix.*
- 5. Method of collection** *The survey is conducted using mail questionnaire. The respondents are given two weeks to complete and return the questionnaire to the Department. After the said period, field visits are conducted to obtain response from the establishments which have not returned the questionnaires. As for non-response, the value of work done will be estimated using an appropriate statistical method. The response rate at the close of the survey was above 90 per cent.*
- 6. Main contractor** *Main contractor is a person, firm, etc. that accepts responsibility for completing the entire construction job. A contract is entered into with the owner of the project for the contractor to complete a certain type of construction work according to the specifications laid down in the contract. A main contractor may do all or sub-contract the whole or part of the project to one or more sub-contractors. However, the main contractor is responsible to see the whole work is done to the satisfaction of the project owner.*



## TECHNICAL NOTES (CONT'D.)

- 7. Reporting unit** *The reporting unit of this survey is the main contractor. This unit reports on the work status of each of its construction project.*
- 8. Location of project** *Location of project refers to the state where the project is being carried out.*
- 9. Value of work done** *The value of work done includes new construction, major repairs, repairs, renovations and repairs and current maintenance carried out during the reference period for the project owner or investor.*
- 10. Type of construction activity** *The type of construction category used in the publication follows the MSIC 2008 ver. 1.0 :-*
- Residential buildings (41001)*
- Non-residential buildings (41002)*
- Codes 41003 and 41009 are classified under the residential or non-residential buildings based on the types of activity carried out*
- Civil engineering (42101-42106, 42109, 42201-42207, 42209, 42901-42906, 42909)*
- Specialized construction activities (Special trade) (43110, 43121-43126, 43129, 43211-43216, 43219, 43221-43229, 43291-43295, 43299, 43301-43307, 43309, 43901-43907, 43909)*
- 11. Public corporation** *The public corporation is set up under the laws passed by the Parliament Act or the State Legislative Assembly. It enables the government to be involved directly in the socio-economic development of the country. It consists of statutory bodies and non-statutory bodies which can operate and manage the government programs more independently. Examples of public corporations are Tenaga Nasional Berhad, Telekom Malaysia Berhad, Keretapi Tanah Melayu Berhad, etc.*
- 12. Rounding** *The sum of components may not add up to the total in the tables presented in this publication due to rounding.*

**13. Symbols and notations** *The following symbols and notations were used in the publication:-*

<i>QoQ</i>	<i>Quarter on quarter</i>
<i>YoY</i>	<i>Year on year</i>
<i>-</i>	<i>Not available</i>
<i>No.</i>	<i>Number</i>
<i>RM</i>	<i>Ringgit Malaysia</i>
<i>Q</i>	<i>Quarter</i>
<i>n.e.c.</i>	<i>Not elsewhere classified</i>
<i>b</i>	<i>Billion</i>



**PIAWAIAN KLASIFIKASI INDUSTRI MALAYSIA 2008**  
**Ver. 1.0 (SEKSYEN F: PEMBINAAN)**

*MALAYSIA STANDARD INDUSTRIAL CLASSIFICATION 2008*  
*Ver. 1.0 (SECTION F: CONSTRUCTION)*

**LAMPIRAN**  
*APPENDIX*

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## LAMPIRAN / APPENDIX

PIAWAIAN KLASIFIKASI INDUSTRI MALAYSIA 2008 Ver. 1.0  
(SEKSYEN F : PEMBINAAN)  
MALAYSIA STANDARD INDUSTRIAL CLASSIFICATION 2008 Ver. 1.0  
(SECTION F : CONSTRUCTION)

KOD INDUSTRI INDUSTRY CODE	PENERANGAN DESCRIPTION
	<b>BANGUNAN KEDIAMAN / BANGUNAN BUKAN KEDIAMAN</b> <i>RESIDENTIAL BUILDINGS / NON-RESIDENTIAL BUILDINGS</i>
<b>4100</b>	<b>Pembinaan bangunan</b> <i>Construction of buildings</i>
41001	<b>Bangunan kediaman</b> <i>Residential buildings</i>
41002	<b>Bangunan bukan kediaman</b> <i>Non-residential buildings</i>
41003	<b>Pemasangan dan pendirian bangunan pasang siap di tapak pembinaan</b> <i>Assembly and erection of prefabricated constructions on the site</i>
41009	<b>Pembinaan bangunan t.t.t.l.</b> <i>Construction of buildings n.e.c.</i>
	<b>KEJURUTERAAN AWAM</b> <i>CIVIL ENGINEERING</i>
<b>4210</b>	<b>Pembinaan jalan raya dan landasan kereta api</b> <i>Construction of roads and railways</i>
42101	<b>Pembinaan laluan kenderaan bermotor, lorong, jalan, laluan pejalan kaki dan kenderaan lain</b> <i>Construction of motorways, streets, roads, other vehicular and pedestrian ways</i>
42102	<b>Kerja penurapan jalan, jalan raya, lebuh raya, jambatan atau terowong</b> <i>Surface work on streets, roads, highways, bridges or tunnels</i>
42103	<b>Pembinaan jambatan termasuk untuk lebuh raya bertingkat</b> <i>Construction of bridges, including those for elevated highways</i>
42104	<b>Pembinaan terowong</b> <i>Construction of tunnels</i>
42105	<b>Pembinaan landasan keretapi dan laluan bawah tanah</b> <i>Construction of railways and subways</i>
42106	<b>Pembinaan landasan lapangan terbang</b> <i>Construction of airfield/airports runways</i>
42109	<b>Pembinaan jalan raya dan landasan keretapi t.t.t.l.</b> <i>Construction of roads and railways n.e.c.</i>
<b>4220</b>	<b>Pembinaan projek utiliti</b> <i>Construction of utility projects</i>
42201	<b>Saluran paip jarak jauh, talian komunikasi dan kuasa</b> <i>Long-distance pipelines, communication and power lines</i>

<b>KOD INDUSTRI</b> <i>INDUSTRY CODE</i>	<b>PENERANGAN</b> <i>DESCRIPTION</i>
42202	<b>Saluran paip dalam bandar, talian komunikasi dan kuasa dalam bandar, kerja-kerja berkaitan dalam bandar</b> <i>Urban pipelines, urban communication and power lines; ancillary urban works</i>
42203	<b>Pembinaan punca dan saluran air</b> <i>Water main and line construction</i>
42204	<b>Loji takungan</b> <i>Reservoirs</i>
42205	<b>Pembinaan sistem pengairan (terusan)</b> <i>Construction of irrigation systems (canals)</i>
42206	<b>Pembinaan sistem pembetulan (termasuk pembaikan) dan loji pelupusan sisa kumbahan</b> <i>Construction of sewer systems (including repair) and sewage disposal plants</i>
42207	<b>Pembinaan janakuasa</b> <i>Construction of power plants</i>
42209	<b>Pembinaan projek utiliti t.t.t.l.</b> <i>Construction of utility projects n.e.c</i>
<b>4290</b>	<b>Pembinaan projek kejuruteraan awam lain, kecuali bangunan</b> <i>Construction of other civil engineering projects, except buildings</i>
42901	<b>Pembinaan loji penapisan</b> <i>Construction of refineries</i>
42902	<b>Pembinaan laluan air, kerja pelabuhan dan sungai, pleasure ports (marinas), kunci air</b> <i>Construction of waterways, harbour and river works, pleasure ports (marinas), locks</i>
42903	<b>Pembinaan empangan dan daik</b> <i>Construction of dams and dykes</i>
42904	<b>Penggalian laluan air</b> <i>Dredging of waterways</i>
42905	<b>Kemudahan sukan luar dewan</b> <i>Outdoor sports facilities</i>
42906	<b>Pembahagian tanah beserta dengan penambahbaikan tanah</b> <i>Land subdivision with land improvement</i>
42909	<b>Pembinaan projek kejuruteraan awam lain t.t.t.l.</b> <i>Construction of other engineering projects n.e.c.</i>

**KOD INDUSTRI**    **PENERANGAN**  
**INDUSTRY CODE**   **DESCRIPTION**

		<b>PERTUKANGAN KHAS</b> <i>SPECIAL TRADES</i>
<b>4311</b>		<b>Perobohan / Demolition</b>
	43110 :	<b>Perobohan atau peranapan bangunan dan struktur lain</b> <i>Demolition or wrecking of buildings and other structures</i>
<b>4312</b>		<b>Penyediaan tapak</b> <i>Sites preparation</i>
	43121 :	<b>Pembersihan tapak bangunan</b> <i>Clearing of building sites</i>
	43122 :	<b>Pengalihan tanah</b> <i>Earth moving</i>
	43123 :	<b>Pengujian tanah, pengerudian dan penggalian tanah untuk tujuan pembinaan, geofizikal,geologikal atau tujuan seumpamanya</b> <i>Drilling, boring and core sampling for construction, geophysical, geological or similar purposes</i>
	43124 :	<b>Penyediaan tapak bagi perlombongan</b> <i>Site preparation for mining</i>
	43125 :	<b>Perparitan bagi tanah pertanian atau perhutanan</b> <i>Drainage of agricultural or forestry land</i>
	43126 :	<b>Kerja penebusgunaan tanah</b> <i>Land reclamation work</i>
	43129 :	<b>Aktiviti penyediaan tapak lain t.t.t.l.</b> <i>Other site preparation activities n.e.c.</i>
<b>4321</b>		<b>Pemasangan elektrik</b> <i>Electrical installation</i>
	43211 :	<b>Pendawaian dan pemasangan elektrik</b> <i>Electrical wiring and fittings</i>
	43212 :	<b>Pendawaian telekomunikasi</b> <i>Telecommunications wiring</i>
	43213 :	<b>Pendawaian rangkaian komputer dan kabel televisyen</b> <i>Computer network and cable television wiring</i>
	43214 :	<b>Piring satelit</b> <i>Satellite dishes</i>
	43215 :	<b>Sistem pencahayaan</b> <i>Lighting systems</i>

## LAMPIRAN / APPENDIX (SAMB. / CONT'D.)

KOD INDUSTRI INDUSTRY CODE	PENERANGAN DESCRIPTION
43216	<b>Sistem keselamatan</b> <i>Security systems</i>
43219	<b>Pemasangan elektrik t.t.t.l.</b> <i>Electrical installation n.e.c.</i>
<b>4322</b>	<b>Pemasangan sistem paip, pemanasan dan pendinginan udara</b> <i>Plumbing, heat and air-conditioning installation</i>
43221	<b>Pemasangan sistem pemanasan (elektrik, gas dan minyak)</b> <i>Installation of heating systems (electric, gas and oil)</i>
43222	<b>Pemasangan relau, menara pendinginan</b> <i>Installation of furnaces, cooling towers</i>
43223	<b>Pemasangan pengumpul tenaga solar bukan elektrik</b> <i>Installation of non-electric solar energy collectors</i>
43224	<b>Pemasangan sistem paip dan peralatan sanitasi</b> <i>Installation of plumbing and sanitary equipment</i>
43225	<b>Pemasangan peralatan dan saluran pengudaraan, penyejukan atau pendinginan udara</b> <i>Installation of ventilation, refrigeration or air-conditioning equipment and ducts</i>
43226	<b>Pemasangan kelengkapan gas</b> <i>Installation of gas fittings</i>
43227	<b>Pemasangan sistem perenjis air untuk kebakaran dan padang</b> <i>Installation of fire and lawn sprinkler systems</i>
43228	<b>Pemasangan paip untuk wap</b> <i>Steam piping</i>
43229	<b>Pemasangan sistem paip, pemanasan dan pendinginan udara t.t.t.l.</b> <i>Plumbing, heat and air-conditioning installation n.e.c.</i>
<b>4329</b>	<b>Pemasangan pembinaan lain</b> <i>Other construction installation</i>
43291	<b>Pemasangan lif, eskalator dalam bangunan atau projek pembinaan lain</b> <i>Installation of elevators, escalators in buildings or other construction projects</i>
43292	<b>Pemasangan pintu automatik dan berputar dalam bangunan atau projek pembinaan lain</b> <i>Installation of automated and revolving doors in buildings or other construction projects</i>
43293	<b>Pemasangan konduktor kilat dalam bangunan atau projek pembinaan lain</b> <i>Installation of lightning conductors in buildings or other construction projects</i>



KOD INDUSTRI INDUSTRY CODE	PENERANGAN DESCRIPTION
43294	<b>Pemasangan sistem pembersihan vakum dalam bangunan atau projek pembinaan lain</b> <i>Installation vacuum cleaning systems in buildings or other construction projects</i>
43295	<b>Pemasangan sistem penebatan haba, bunyi atau gegaran dalam bangunan atau projek pembinaan lain</b> <i>Installation thermal, sound or vibration insulation in buildings or other construction projects</i>
43299	<b>Pemasangan pembinaan lain t.t.t.l.</b> <i>Other construction installation n.e.c.</i>
<b>4330</b>	<b>Penyiapan dan kemas bangunan</b> <i>Building completion and finishing</i>
43301	<b>Pemasangan rangka pintu, tingkap, rangka/bingkai pintu dan tingkap daripada kayu atau bahan lain, dapur pasang siap, tangga, kelengkapan kedai dan perabot</b> <i>Installation of doors, windows, door and window frames of wood or other materials, fitted kitchens, staircases, shop fittings and furniture</i>
43302	<b>Melapis, memasang jubin, menggantung atau memasang kelengkapan bangunan atau projek pembinaan lain daripada pelbagai bahan</b> <i>Laying, tiling, hanging or fitting in buildings or other construction projects of various types of materials</i>
43303	<b>Mengecat dalam dan luar bangunan</b> <i>Interior and exterior painting of buildings</i>
43304	<b>Mengecat struktur kejuruteraan awam</b> <i>Painting of civil engineering structures</i>
43305	<b>Pemasangan kaca, cermin</b> <i>Installation of glass, mirrors</i>
43306	<b>Penyiapan dalaman bangunan</b> <i>Interior completion</i>
43307	<b>Pembersihan bangunan baru selepas kerja pembinaan</b> <i>Cleaning of new buildings after construction</i>
43309	<b>Penyiapan dan kemas bangunan lain t.t.t.l.</b> <i>Other building completion and finishing work n.e.c.</i>

## LAMPIRAN / APPENDIX (SAMB. / CONT'D.)

<b>KOD INDUSTRI</b> <i>INDUSTRY CODE</i>	<b>PENERANGAN</b> <i>DESCRIPTION</i>
<b>4390</b>	<b>Aktiviti pembinaan pertukangan khas lain</b> <i>Other specialized construction activities</i>
43901 :	<b>Pembinaan tapak, termasuk memantak cerucuk</b> <i>Construction of foundations, including pile driving</i>
43902 :	<b>Pembinaan elemen keluli yang bukan dibuat sendiri</b> <i>Erection of non-self-manufactured steel elements</i>
43903 :	<b>Memasang dan membuka semula perancah dan platform kerja</b> <i>Scaffolds and work platform erecting and dismantling</i>
43904 :	<b>Kerja mengikat dan menyusun bata</b> <i>Bricklaying and stone setting</i>
43905 :	<b>Pembinaan kolam renang luar bangunan</b> <i>Construction of outdoor swimming pools</i>
43906 :	<b>Pembersihan menggunakan stim, pancutan air deras berpasir dan aktiviti seumpamanya untuk luar bangunan</b> <i>Steam cleaning, sand blasting and similar activities for building exteriors</i>
43907 :	<b>Penyewaan jentera dan peralatan pembinaan dengan operator (cth. kren)</b> <i>Renting of construction machinery and equipment with operator (e.g. cranes)</i>
43909 :	<b>Aktiviti pembinaan pertukangan khas lain t.t.t.l.</b> <i>Other specialised construction activities, n.e.c.</i>