



KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

STATISTIK EKONOMI TAHUNAN *ANNUAL ECONOMIC STATISTICS* **2022**

STATISTIK PEKERJA DAN GAJI & UPAH *EMPLOYMENT AND SALARIES & WAGES STATISTICS*

Pemakluman

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 akan menjalankan Banci Pertanian pada tahun 2024. Mohon 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".

Announcement

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

DOSM will conduct 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".

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KATA PENGANTAR

Penerbitan Statistik Ekonomi Tahunan (AES) 2022: Statistik Pekerja dan Gaji & Upah memaparkan statistik pekerja dan gaji & upah daripada Survei Ekonomi Tahunan 2022 bagi tahun rujukan 2021. Ia meliputi semua sektor ekonomi iaitu Pertanian, Perlombongan & Pengkuarian, Pembuatan, Pembinaan dan Perkhidmatan. Klasifikasi industri yang digunakan adalah berdasarkan Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Versi 1.0, selaras dengan *International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4*.

Statistik yang diterbitkan meliputi bilangan pekerja dan gaji & upah mengikut jantina, kategori pekerja, kemahiran, negeri dan jenis aktiviti ekonomi. Statistik tersebut digunakan oleh agensi kerajaan, ahli ekonomi, ahli akademik, pihak swasta serta individu bagi tujuan membuat perancangan dan penggubalan dasar, analisis ekonomi, unjuran dan dapat membantu merancang pembangunan perniagaan.

Penerbitan ini mengandungi tiga bahagian. Bahagian pertama memaparkan infografik dan ringkasan penemuan. Bahagian kedua memuatkan jadual terperinci manakala bahagian ketiga menerangkan aspek teknikal seperti skop & liputan dan konsep & definisi bagi memudahkan pengguna memahami statistik yang diterbitkan.

DOSM merakamkan setinggi-tinggi penghargaan atas kerjasama yang diberikan oleh semua pihak dalam membekalkan data yang diperlukan dan menyumbang kepada kejayaan penerbitan ini. Sebarang maklum balas dan cadangan untuk penambahbaikan penerbitan ini pada masa akan datang amat dihargai.

DATO' SRI DR. MOHD UZIR MAHIDIN

Ketua Perangkawan Malaysia

Disember 2023

PREFACE

The Annual Economic Statistics (AES) 2022: Employment and Salaries & Wages Statistics presents statistics of number of persons engaged and salaries & wages from the Annual Economic Survey 2022 for the reference year of 2021. It covers all economic sectors namely Agriculture, Mining & quarrying, Manufacturing, Construction and Services sectors. The classified industries refer to Malaysia Standard Industrial Classification (MSIC) 2008 Ver. 1.0, in accordance with the International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4.

Statistics released include the number of persons engaged and salaries & wages by sex, category of employment, skill, state and kind of economic activity. The statistics is used by government agencies, economists, academicians, private sectors and individuals for planning and formulating of policies, economic analysis, projections and business development planning.

This publication consist of three parts. The first part displays infographics and summary of findings. The second part shows the detailed statistical tables meanwhile the third part describes technical aspects such as scope & coverage and concepts & definitions to assist users in understanding of the published statistics.

DOSM gratefully acknowledges the cooperation of all parties who have provided the required data and contributed to the success of this publication. Every feedback and suggestion towards improving future publication is highly appreciated.

DATO' SRI DR. MOHD UZIR MAHIDIN

Chief Statistician Malaysia

December 2023

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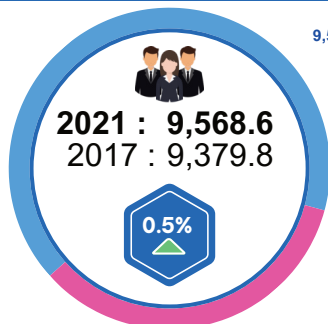
RINGKASAN PENEMUAN

SUMMARY OF FINDINGS

STATISTIK EKONOMI TAHUNAN 2022

STATISTIK PEKERJA DAN GAJI & UPAH

BILANGAN PEKERJA ('000 orang)



Bilangan pekerja pada tahun 2021 adalah seramai 9,568.6 ribu orang dengan 6,301.3 ribu orang pekerja lelaki dan 3,267.3 ribu orang pekerja perempuan.



2021 : 6,301.3
2017 : 6,345.8



2021 : 3,267.3
2017 : 3,034.0



GAJI & UPAH DIBAYAR (RM bilion)

Gaji & upah dibayar pada tahun 2021 ialah RM318.6 bilion berbanding RM283.2 bilion pada tahun 2017.



BILANGAN PEKERJA DAN GAJI & UPAH DIBAYAR MENGIKUT KATEGORI PEKERJA

Pekerja SEPENUH MASA mencatatkan bilangan pekerja seramai 8,286.5 ribu orang pada tahun 2021 dengan gaji & upah dibayar sebanyak RM314.8 bilion.

BILANGAN PEKERJA ('000 orang)



2021 : 8,286.5
2017 : 8,165.1



SEPENUH MASA

GAJI & UPAH DIBAYAR (RM bilion)

2021 : 314.8
2017 : 280.0



2021 : 259.3
2017 : 243.2



SAMBILAN

2021 : 3.8
2017 : 3.3



BILANGAN PEKERJA DAN GAJI & UPAH DIBAYAR MENGIKUT KEMAHIRAN

Bilangan pekerja tertinggi pada tahun 2021 ialah pekerja SEPARAH MAHIR (5,040.7 ribu orang) manakala gaji & upah tertinggi dibayar kepada pekerja MAHIR (RM155.0 bilion).

BILANGAN PEKERJA ('000 orang)



2021 : 1,845.9
2017 : 1,972.5



MAHIR

GAJI & UPAH DIBAYAR (RM bilion)

2021 : 155.0
2017 : 140.0



2021 : 5,040.7
2017 : 4,995.9



SEPARAH MAHIR

2021 : 132.6
2017 : 118.4



2021 : 1,399.9
2017 : 1,196.7



BERKEMAHIRAN RENDAH

2021 : 27.2
2017 : 21.6



KADAR PERTUMBUHAN TAHUNAN DIKOMPAN (%)

BILANGAN PEKERJA DAN GAJI & UPAH DIBAYAR MENGIKUT AKTIVITI EKONOMI

Sektor PERKHIDMATAN mencatatkan bilangan pekerja tertinggi (5,517.3 ribu orang) dan gaji & upah tertinggi (RM180.4 bilion) pada tahun 2021.

BILANGAN PEKERJA ('000 orang)



2021 : 5,517.3
2017 : 5,168.6



2021 : 180.4
2017 : 152.2



2021 : 2,303.5
2017 : 2,214.9



2021 : 89.5
2017 : 74.9



2021 : 1,190.2
2017 : 1,330.3



2021 : 33.4
2017 : 39.2



2021 : 496.7
2017 : 599.1



2021 : 8.1
2017 : 8.8



2021 : 61.0
2017 : 67.0



2021 : 7.2
2017 : 8.1

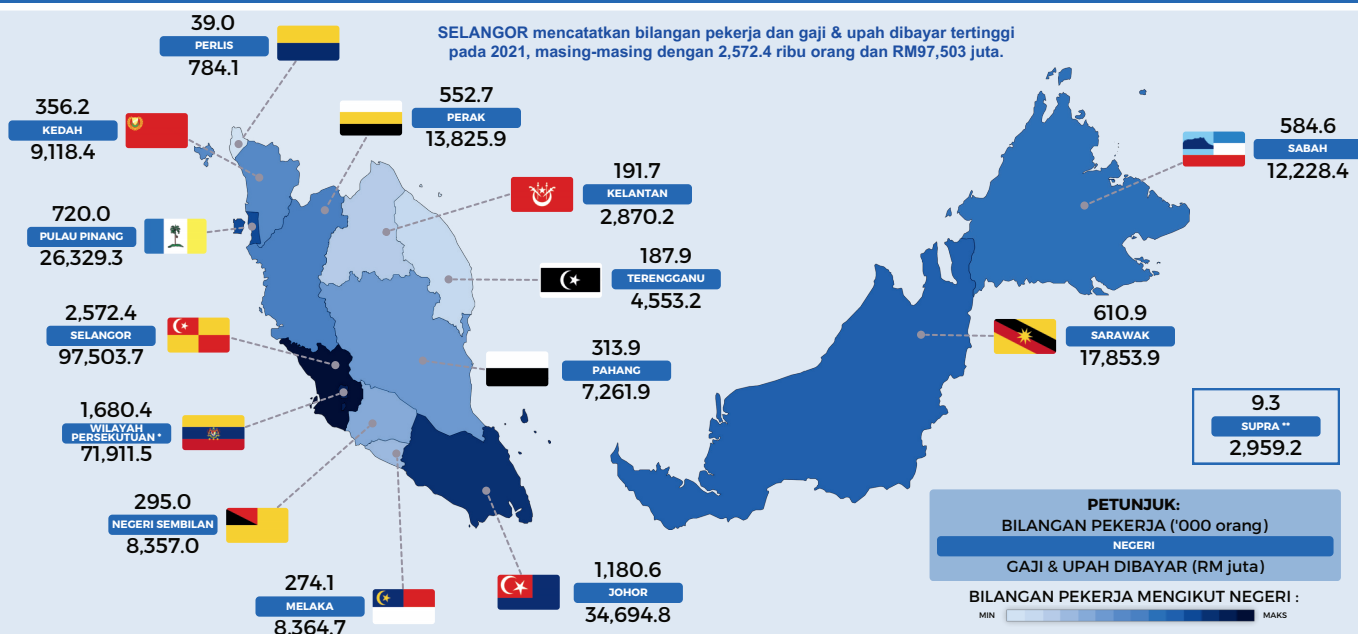


PERKHIDMATAN
PERTANIAN

PEMBUATAN
PERLOMBONGAN & PENGUKUARIAN

PEMBINAAN

BILANGAN PEKERJA DAN GAJI & UPAH DIBAYAR MENGIKUT NEGERI, 2021



* Termasuk Wilayah Persekutuan Kuala Lumpur, Labuan dan Putrajaya

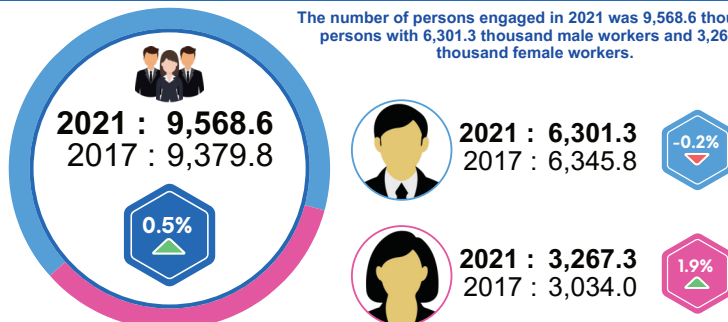
** Merangkumi aktiviti pengeluaran yang melangkaui pusat kepentingan ekonomi utama bagi mana-mana negeri

ANNUAL ECONOMIC STATISTICS 2022

EMPLOYMENT AND SALARIES & WAGES STATISTICS

NUMBER OF PERSONS ENGAGED ('000 persons)

The number of persons engaged in 2021 was 9,568.6 thousand persons with 6,301.3 thousand male workers and 3,267.3 thousand female workers.



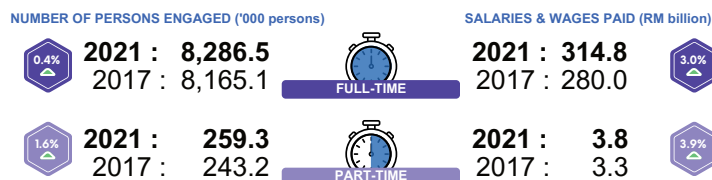
SALARIES & WAGES PAID (RM billion)

Salary & wages paid in 2021 was RM318.6 billion compared to RM283.2 billion in 2017.



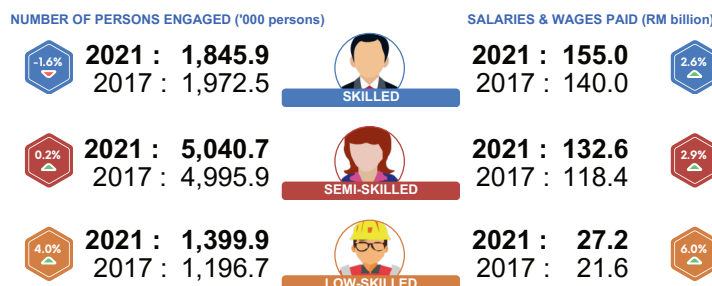
NUMBER OF PERSONS ENGAGED AND SALARIES & WAGES PAID BY EMPLOYMENT CATEGORY

FULL-TIME employees recorded 8,286.5 thousand persons in 2021 with salaries & wages paid of RM314.8 billion.



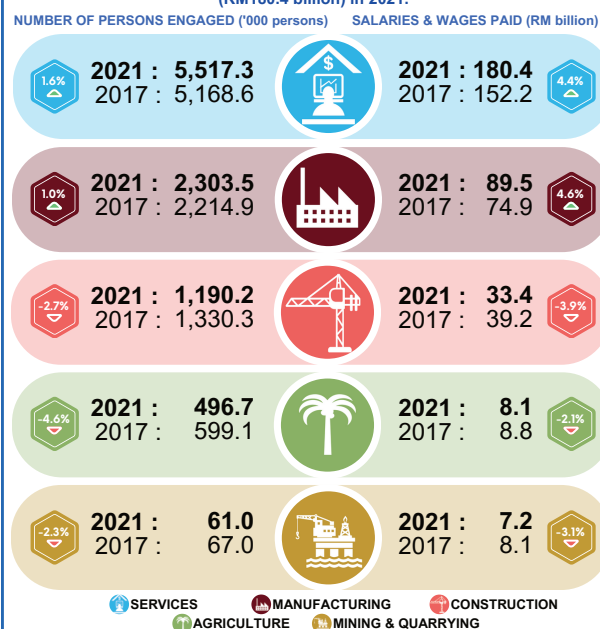
NUMBER OF PERSONS ENGAGED AND SALARIES & WAGES PAID BY SKILLS

The highest number of persons engaged in 2021 were SEMI-SKILLED workers (5,040.7 thousand persons) while the highest salaries & wages were paid to SKILLED workers (RM155.0 billion).



NUMBER OF PERSONS ENGAGED AND SALARIES & WAGES PAID BY ECONOMIC ACTIVITY

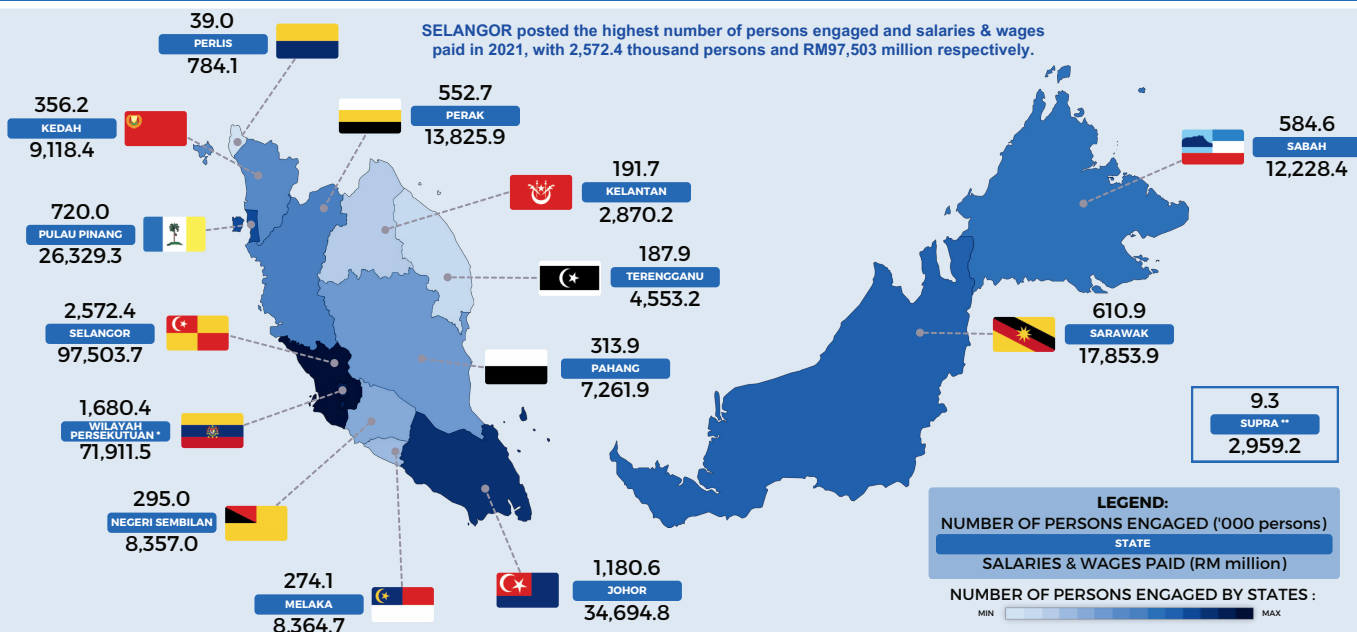
SERVICES sector recorded the highest number of persons engaged (5,517.3 thousand persons) and the highest salaries & wages paid (RM180.4 billion) in 2021.



COMPOUNDED ANNUAL GROWTH RATE (%)

NUMBER OF PERSONS ENGAGED AND SALARIES & WAGES PAID BY STATE, 2021

SELANGOR posted the highest number of persons engaged and salaries & wages paid in 2021, with 2,572.4 thousand persons and RM97,503.7 million respectively.



* Includes Wilayah Persekutuan Kuala Lumpur, Labuan and Putrajaya

** Comprises of production activities that beyond the centre of predominant economic interest for any state

Source : Department of Statistics Malaysia

RINGKASAN PENEMUAN

1. PENGENALAN

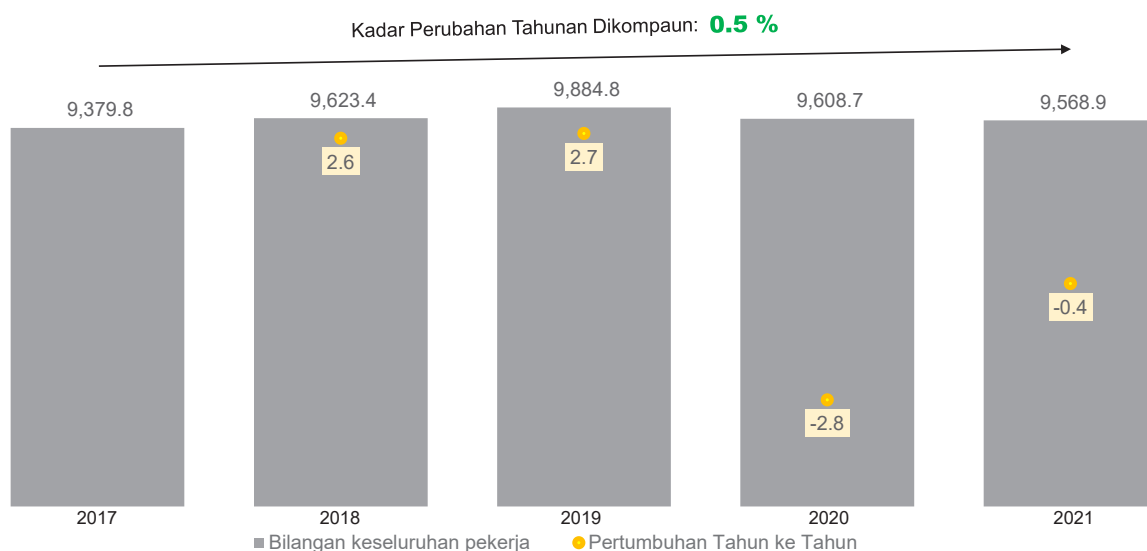
Penerbitan “Statistik Ekonomi Tahunan 2022: Statistik Pekerja dan Gaji & Upah” membentangkan maklumat pekerjaan bergaji & upah mengikut aktiviti ekonomi. Penerbitan ini memfokuskan kepada pekerja di sektor swasta formal Malaysia yang maklumatnya diperoleh daripada Survei Ekonomi Tahunan 2022 bagi tahun rujukan 2021.

2. BILANGAN PEKERJA

2.1 Pencapaian Keseluruhan

Jumlah pekerja pada 2021 adalah sebanyak 9,569 ribu orang, terus mengalami penurunan dengan penguncupan 0.4 peratus. Ini merupakan kejatuhan buat tahun kedua berturut-turut setelah mencatatkan penyusutan 2.8 peratus (2020) pada tahun sebelumnya. Ini menunjukkan cabaran yang berterusan yang dihadapi pasaran buruh disebabkan oleh wabak COVID-19. Manakala bagi tempoh antara 2017 dan 2021, bilangan pekerja merekodkan purata peningkatan sebanyak 0.5 peratus setahun, mencapai penambahan sebanyak 189 ribu orang daripada 9,380 ribu orang dicatatkan pada tahun 2017. **(Paparan 1)**

Paparan 1: Jumlah Keseluruhan Pekerja, 2017-2021

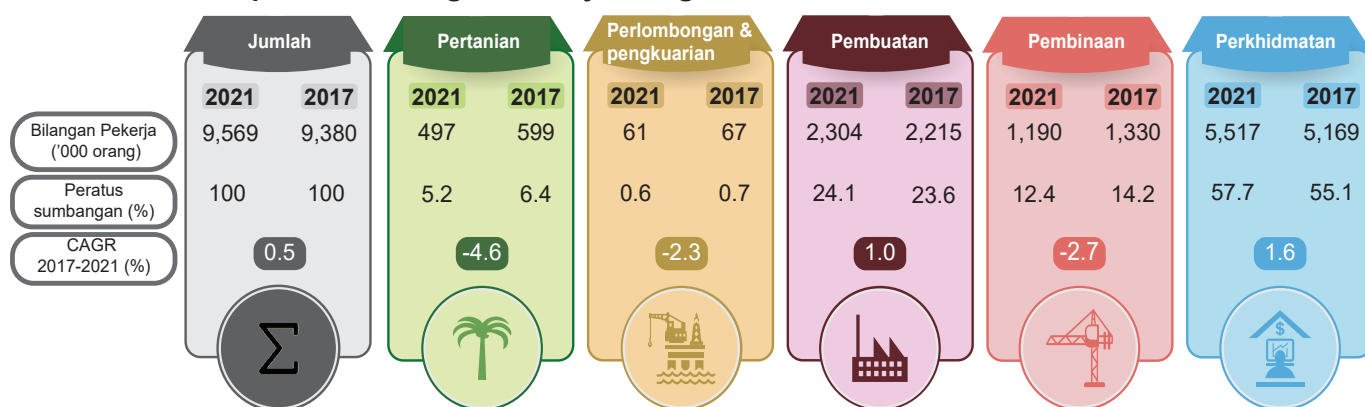


2.2 Mengikut Aktiviti Ekonomi

Mengikut perspektif aktiviti ekonomi, sektor Perkhidmatan mendominasi bilangan pekerja pada 2021 dengan 57.7 peratus (5,517 ribu orang), diikuti oleh sektor Pembuatan dengan 24.1 peratus (2,304 ribu orang) dan sektor Pembinaan dengan 12.4 peratus (1,190 ribu orang). Pada masa yang sama, sektor Pertanian mempunyai 496.7 ribu orang pekerja (5.2%) manakala sektor Perlombongan & pengkuarian mempunyai 61.0 ribu orang (0.6%).

Analisis prestasi sepanjang lima tahun menunjukkan kesemua sektor mengalami penurunan dalam bilangan pekerja, kecuali sektor Perkhidmatan dan Pembuatan di mana masing-masing merekodkan trend peningkatan sebanyak 1.6 peratus dan 1.0 peratus. **(Paparan 2)**

Paparan 2: Bilangan Pekerja Mengikut Aktiviti Ekonomi, 2017 & 2021

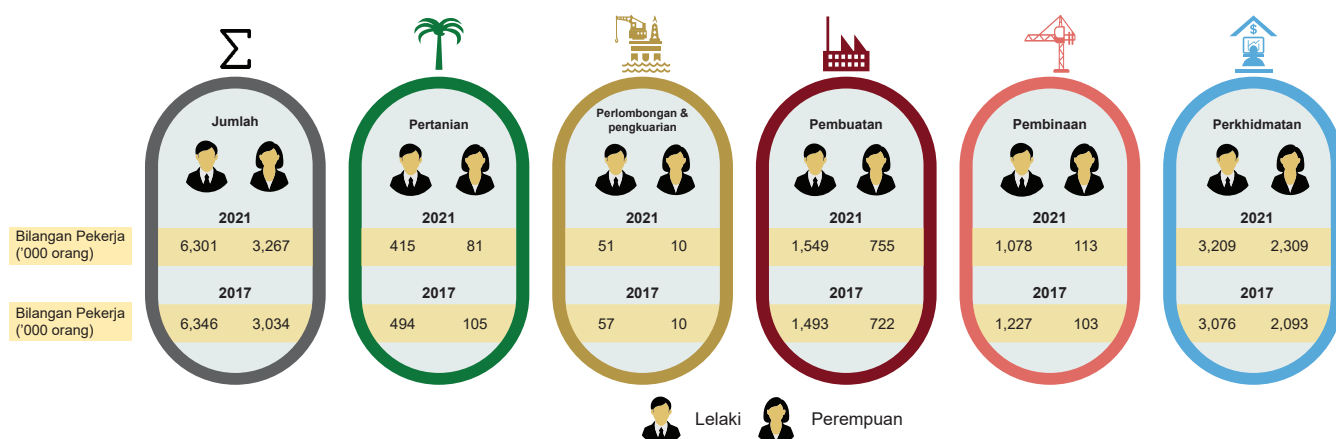


CAGR : Kadar Pertumbuhan Tahunan Dikompaun

2.3 Mengikut Jantina

Berdasarkan taburan mengikut jantina, pekerja lelaki meliputi 67.2 peratus (6,301 ribu orang) manakala pekerja wanita menyumbang sebanyak 34.1 peratus, (3,267 ribu orang). Pekerja lelaki mendominasi kesemua aktiviti ekonomi terutamanya dalam sektor Pembinaan (90.5%) dan sektor Perlombongan & pengkuarian (83.9%). **(Paparan 3)**

Paparan 3: Bilangan Pekerja Mengikut Jantina, 2017 & 2021



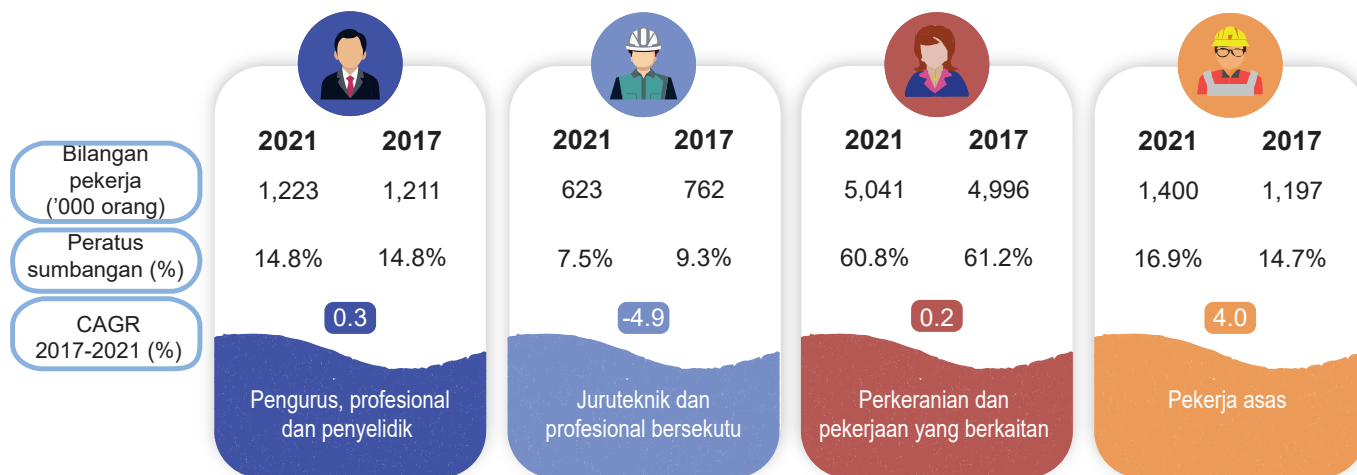
RINGKASAN PENEMUAN

2.4 Mengikut Kategori Pekerja dan Kemahiran

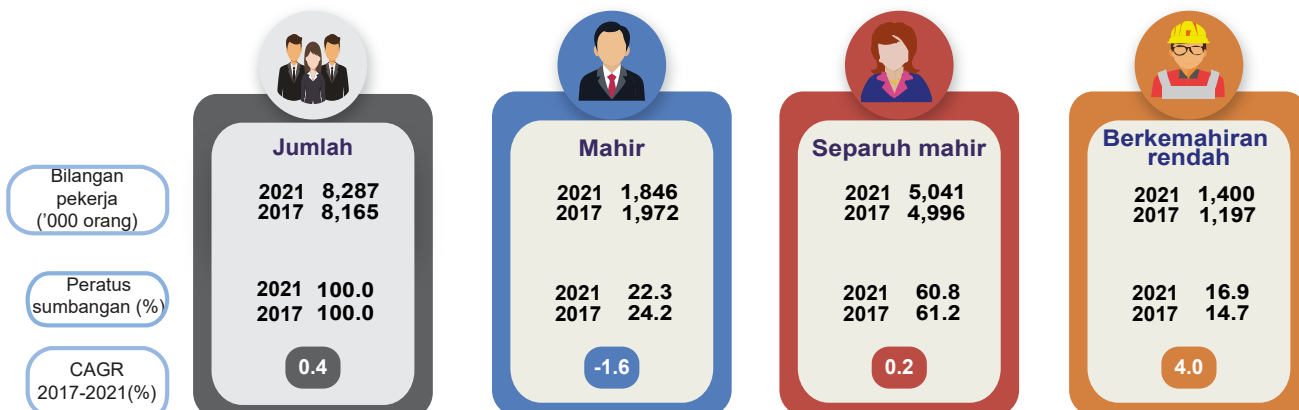
Perincian mengikut kategori kemahiran pekerjaan, pekerjaan berkaitan dengan separuh mahir, terutamanya Pekerja sokongan perkeranian; Pekerja perkhidmatan & jualan; Pekerja mahir pertanian, perhutanan, penternakan & perikanan; Pekerja kemahiran & pekerja pertukangan yang berkaitan; serta Operator mesin & loji, dan pemasang masih mendominasi permintaan buruh dengan 60.8 peratus (5,041 ribu orang). Sementara itu, bilangan pekerja mahir yang terdiri daripada Pengurus, profesional & penyelidik, dan Juruteknik dan profesional bersekutu, masing-masing menyumbang 14.8 peratus (1,223 ribu orang) dan 7.5 peratus (623 ribu orang). Dalam tempoh yang sama, kategori pekerjaan berkemahiran rendah meliputi 16.9 peratus dengan mencatatkan 1,400 ribu orang.

Dari segi kategori pekerjaan, Pekerja asas mencatatkan pertumbuhan tertinggi dengan 4.0 peratus, diikuti oleh Pengurus, profesional dan penyelidik dengan 0.3 peratus. Sebaliknya, Perkeranian dan pekerjaan berkaitan mengalami peningkatan marginal sebanyak 0.2 peratus manakala Juruteknik dan profesional bersekutu mengalami penurunan sebanyak 4.9 peratus. **(Paparan 4)**

Paparan 4: Bilangan Pekerja Mengikut Kategori Pekerja dan Kemahiran, 2017 & 2021



CAGR : Kadar Pertumbuhan Tahunan Dikompaun

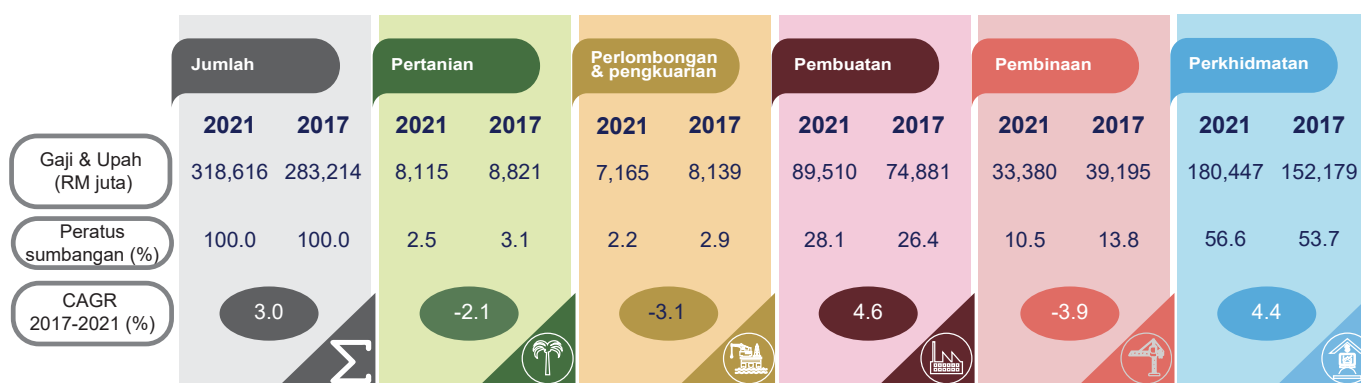


CAGR : Kadar Pertumbuhan Tahunan Dikompaun

3. GAJI & UPAH

Gaji dan upah yang dibayar pada tahun 2021 berjumlah RM318.6 bilion, dengan peningkatan sebanyak RM35.4 bilion dari tahun 2017 (RM283.2 bilion). Sebagai penyumbang terbesar kepada ekonomi, sektor Perkhidmatan menyumbang sebanyak 56.6 peratus atau RM180.4 bilion kepada jumlah gaji & upah. Ini diikuti oleh sektor Pembuatan dan Pembinaan masing-masing pada RM89.5 bilion dan RM33.4 bilion. Secara kolektif, nilai gaji & upah yang dibayar oleh ketiga-tiga sektor ini berjumlah RM303.3 bilion (95.2%). Pada masa yang sama, sektor Pertanian mencatatkan nilai sebanyak RM8.1 bilion atau 2.5 peratus. Gaji & upah terendah direkodkan oleh sektor Perlombongan & pengkuarian pada RM7.2 bilion. **(Paparan 5)**

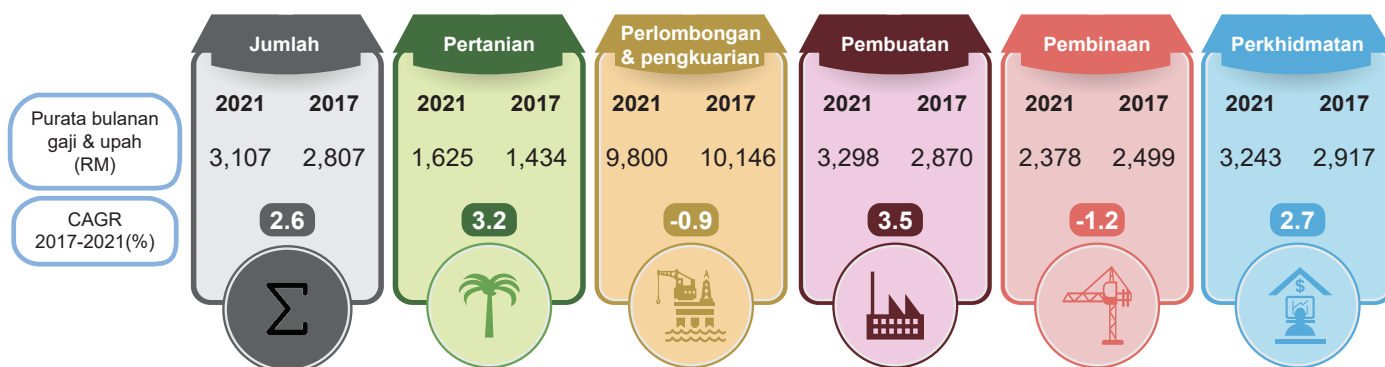
Paparan 5: Gaji & Upah Mengikut Aktiviti Ekonomi, 2017 & 2021



CAGR : Kadar Pertumbuhan Tahunan Dikompaun

Purata gaji & upah bulanan pekerja menunjukkan peningkatan yang mapan daripada RM2,807 pada tahun 2017 kepada RM3,107 pada tahun 2021, dengan pertumbuhan sebanyak 2.6 peratus setiap tahun. Pekerja dalam sektor Perlombongan & pengkuarian mendapat purata gaji dan upah bulanan tertinggi pada RM9,800 pada tahun 2021. Sementara itu, sektor Perkhidmatan, Pembuatan, dan Pembinaan mencatatkan purata gaji dan upah bulanan masing-masing pada RM3,243, RM3,298, dan RM2,378. Sektor Pertanian mencatat purata gaji dan upah bulanan terendah pada RM1,625. **(Paparan 6)**

Paparan 6: Purata Bulanan Gaji & Upah Mengikut Aktiviti Ekonomi, 2017 & 2021



CAGR : Kadar Pertumbuhan Tahunan Dikompaun

RINGKASAN PENEMUAN

Mengikut purata & dan upah bulanan, kategori Pengurus, profesional, dan penyelidik mendapat amaun tertinggi pada RM8,258 (2017: RM7,237). Ini diikuti oleh kategori Juruteknik dan profesional bersekutu pada RM4,526 (2017: RM3,810) dan kategori Perkeranian dan pekerjaan yang berkaitan pada RM2,192 (2017: RM1,984). Namun begitu, kategori Pekerja asas menerima purata gaji & upah bulanan terendah pada RM1,620 (2017: RM1,501). (**Paparan 7**)

Paparan 7: Purata Bulanan Gaji & Upah Bagi Pekerja Sepenuh Masa, 2017 & 2021



4. BILANGAN PEKERJA DAN GAJI & UPAH MENGIKUT NEGERI

Melihat kepada komposisi pekerja mengikut negeri, Selangor mencatatkan bilangan pekerja tertinggi dengan 2,572 ribu orang (26.9%). Ini diikuti oleh Wilayah Persekutuan (1,680 ribu orang; 17.6%) dan Johor (1,181 ribu orang; 12.3%). Majoriti pekerja di Selangor dan Wilayah Persekutuan tertumpu dalam sektor Perkhidmatan, sementara pekerja di Johor tertumpu dalam sektor Pkhidmatan dan Pembuatan. Sementara itu, Perlis mencatat sumbangan peratusan terendah iaitu 0.4 peratus dengan 38.9 ribu pekerja pada tahun 2021.

Begitu juga, Selangor mencatatkan gaji & upah tertinggi iaitu sebanyak 30.6 peratus (RM97.5 bilion) kepada keseluruhan gaji & upah pada tahun 2021. Ini diikuti oleh Wilayah Persekutuan (22.6%; RM71.9 bilion) dan Johor (10.9%; RM34.7 bilion). Perlis merekodkan amaun bayaran gaji & upah terendah iaitu RM0.8 bilion (0.2%), seperti ditunjukkan dalam **Paparan 8**.

RINGKASAN PENEMUAN

Paparan 8: Bilangan Pekerja dan Gaji & Upah Mengikut Negeri, 2017 & 2021

																			
		Pertanian*			Perlombongan & pengkuarian			Pembuatan			Pembinaan			Perkhidmatan			Jumlah		
		2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR
 Johor	Bilangan Pekerja ('000)	72.4	58.0	-5.4	6.0	4.3	-8.1	473.3	452.3	-1.1	251.0	151.2	-11.9	468.1	514.8	2.4	1,270.8	1,180.6	-1.8
	Gaji & Upah (RM Juta)	1,291.0	1,116.3	-3.6	258.0	156.9	-11.7	13,770.6	15,664.5	3.3	6,975.3	3,838.8	-13.9	11,041.5	13,918.3	6.0	33,336.4	34,694.8	1.0
 Kedah	Bilangan Pekerja ('000)	14.5	11.8	-4.9	1.5	0.6	-20.2	105.2	119.7	3.3	27.5	27.6	0.1	187.2	196.5	1.2	335.9	356.2	1.5
	Gaji & Upah (RM Juta)	198.2	173.6	-3.3	16.2	20.6	6.2	3,258.0	4,358.4	7.5	741.3	707.7	-1.2	3,212.4	3,858.1	4.7	7,426.2	9,118.4	5.3
 Kelantan	Bilangan Pekerja ('000)	14.9	9.7	-10.2	2.4	2.0	-4.6	21.4	21.6	0.2	17.3	15.3	-2.9	137.1	143.1	1.1	193.1	191.7	-0.2
	Gaji & Upah (RM Juta)	231.2	155.3	-9.5	94.1	71.1	-6.8	376.5	447.3	4.4	473.8	395.7	-4.4	1,516.3	1,800.9	4.4	2,691.9	2,870.2	1.6
 Melaka	Bilangan Pekerja ('000)	8.0	8.6	1.9	0.8	0.5	-10.8	89.0	91.6	0.7	25.2	19.6	-6.0	143.4	153.8	1.8	266.4	274.1	0.7
	Gaji & Upah (RM Juta)	145.7	200.6	8.3	21.0	12.9	-11.4	3,250.2	4,089.4	5.9	678.3	499.3	-7.4	3,012.2	3,562.5	4.3	7,107.3	8,364.7	4.2
 Negeri Sembilan	Bilangan Pekerja ('000)	18.5	14.1	-6.6	0.8	0.9	2.3	81.0	83.9	0.9	51.9	48.4	-1.8	142.6	147.7	0.9	294.8	295.0	0.0
	Gaji & Upah (RM Juta)	307.2	245.6	-5.4	29.2	30.7	1.2	3,081.9	3,662.6	4.4	1,401.6	1,214.1	-3.5	2,755.7	3,204.0	3.8	7,575.7	8,357.0	2.5
 Pahang	Bilangan Pekerja ('000)	74.7	52.1	-8.6	4.0	3.3	-4.6	46.7	49.9	1.7	60.2	45.7	-6.7	155.8	163.0	1.1	341.4	313.9	-2.1
	Gaji & Upah (RM Juta)	983.2	729.4	-7.2	188.5	122.1	-10.3	1,607.1	1,953.7	5.0	1,666.8	1,192.7	-8.0	2,814.8	3,264.0	3.8	7,260.4	7,261.9	0.0
 Pulau Pinang	Bilangan Pekerja ('000)	4.6	6.7	9.8	0.3	0.9	28.4	288.1	309.0	1.8	73.6	73.1	-0.1	308.9	330.3	1.7	675.5	720.0	1.6
	Gaji & Upah (RM Juta)	101.8	151.6	10.5	59.8	27.8	-17.4	12,164.6	15,270.6	5.8	2,150.0	1,922.3	-2.8	7,502.5	8,957.0	4.5	21,978.6	26,329.3	4.6
 Perak	Bilangan Pekerja ('000)	47.1	38.5	-4.9	2.3	3.9	14.4	143.2	148.0	0.8	53.0	63.2	4.5	285.4	299.1	1.2	531.0	552.7	1.0
	Gaji & Upah (RM Juta)	742.5	635.1	-3.8	87.6	129.7	10.3	3,930.2	4,793.3	5.1	1,465.2	1,716.9	4.0	5,287.0	6,550.8	5.5	11,512.6	13,825.9	4.7

CAGR : Kadar Pertumbuhan Tahunan Dikompaun (%)

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017

RINGKASAN PENEMUAN

Paparan 8: Bilangan Pekerja dan Gaji & Upah Mengikut Negeri, 2017 & 2021 (samb.)

		     																	
		Pertanian*			Perlombongan & pengkuarian			Pembuatan			Pembinaan			Perkhidmatan			Jumlah		
		2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR
 Perlis	Bilangan Pekerja ('000)	0.1	0.3	20.0	0.2	0.2	-9.6	6.4	6.4	0.3	5.3	4.8	-2.1	24.3	27.2	2.9	36.3	39.0	1.8
	Gaji & Upah (RM Juta)	1.9	5.0	27.6	9.9	6.3	-10.7	145.8	182.8	5.8	101.8	87.7	-3.6	408.4	502.3	5.3	667.8	784.1	4.1
 Selangor	Bilangan Pekerja ('000)	29.5	37.5	6.2	12.0	12.9	1.7	661.7	720.6	2.2	333.3	304.5	-2.2	1,367.6	1,496.8	2.3	2,404.2	2,572.4	1.7
	Gaji & Upah (RM Juta)	455.0	696.8	11.2	459.1	538.1	4.1	24,049.9	28,453.9	4.3	10,810.7	9,603.1	-2.9	47,971.0	58,211.9	5.0	83,745.6	97,503.7	3.9
 Terengganu	Bilangan Pekerja ('000)	22.7	21.0	-1.9	1.1	1.4	5.0	26.6	24.7	-1.8	35.8	32.3	-2.5	103.0	108.5	1.3	189.2	187.9	-0.2
	Gaji & Upah (RM Juta)	199.6	195.2	-0.6	64.5	76.5	4.4	1,176.4	1,470.0	5.7	1,133.8	1,009.9	-2.9	1,521.6	1,801.6	4.3	4,096.0	4,553.2	2.7
 Sabah	Bilangan Pekerja ('000)	178.7	156.7	-3.2	6.5	4.3	-9.8	68.1	70.2	0.8	64.2	64.4	0.1	271.1	289.0	1.6	588.6	584.6	-0.2
	Gaji & Upah (RM Juta)	2,257.3	2,076.1	-2.1	795.6	641.2	-5.3	1,489.2	1,624.6	2.2	1,600.6	1,607.6	0.1	5,412.7	6,278.9	3.8	11,555.4	12,228.4	1.4
 Sarawak	Bilangan Pekerja ('000)	113.0	81.5	-7.9	9.5	10.9	3.4	101.3	106.3	1.2	91.4	90.9	-0.1	300.1	321.4	1.7	615.3	610.9	-0.2
	Gaji & Upah (RM Juta)	1,903.3	1,731.9	-2.3	1,586.4	1,790.7	3.1	3,062.5	3,657.5	4.5	2,630.0	2,522.9	-1.0	6,942.9	8,150.9	4.1	16,125.0	17,853.9	2.6
 Wilayah Persekutuan	Bilangan Pekerja ('000)	0.2	0.1	-18.7	8.8	5.7	-10.3	103.0	99.3	-0.9	240.6	249.0	0.9	1,274.1	1,326.3	1.0	1,626.6	1,680.4	0.8
	Gaji & Upah (RM Juta)	3.3	2.4	-7.5	1,163.6	580.9	-15.9	3,517.6	3,881.3	2.5	7,365.4	7,061.0	-1.0	52,779.6	60,385.8	3.4	64,829.5	71,911.5	2.6
 Supra	Bilangan Pekerja ('000)	n.a	n.a	n.a	10.5	9.3	-3.1	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	10.5	9.3	-3.1
	Gaji & Upah (RM Juta)	n.a	n.a	n.a	3,305.4	2,959.2	-2.7	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	3,305.4	2,959.2	-2.7

CAGR : Kadar Pertumbuhan Tahunan Dikompaun (%)

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017

** Termasuk Wilayah Persekutuan Kuala Lumpur, Labuan dan Putrajaya

***Merangkumi aktiviti pengeluaran yang melangkaui pusat kepentingan ekonomi utama bagi mana-mana negeri

SUMMARY OF FINDINGS

1. INTRODUCTION

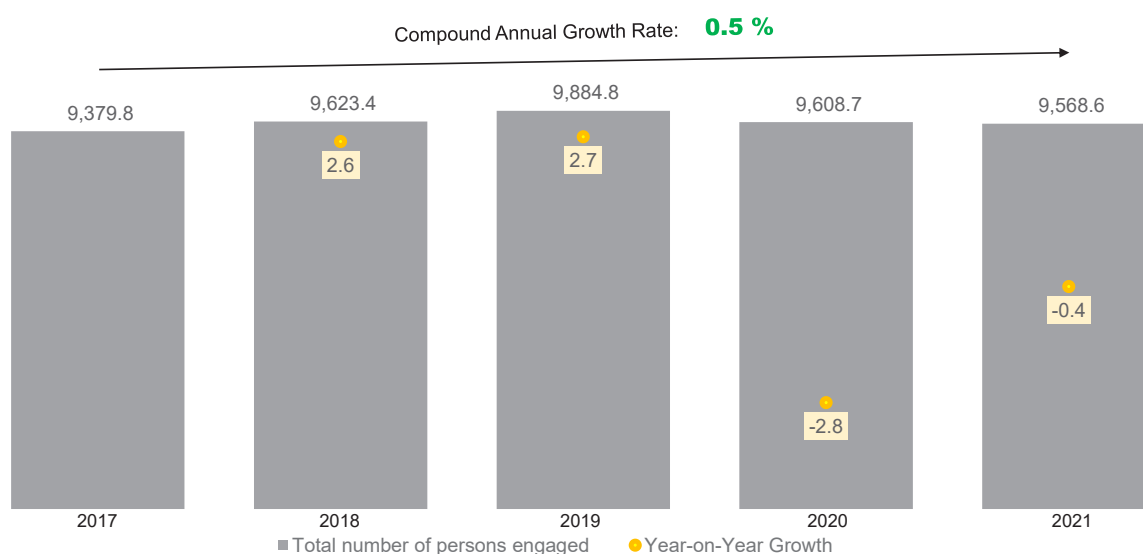
The Annual Economic Statistics 2022: Employment and Salaries & Wages Statistics publication presents the information of number of persons engaged and salaries & wages by the economic activities. This publication focuses on the number of persons engaged in the formal private sector of Malaysia whose information is derived from the Annual Economic Survey 2022 for the reference year 2021.

2. NUMBER OF PERSONS ENGAGED

2.1 Overall Performance

In 2021, the total number of persons engaged amounted to 9,569 thousands, continued to decline with contraction of 0.4 per cent. This is the second consecutive year of decline, following a 2.8 per cent contraction in 2020. This highlights the persistent challenges the labour market faces, primarily attributed to the lasting effects of the COVID-19 pandemic. Meanwhile, for the period of 2017 and 2021, the number of persons engaged recorded an average annual increase of 0.5 per cent, resulting in an additional 189 thousand persons from the 9,380 thousand persons recorded in 2017.

Exhibit 1: Total Number of Persons Engaged



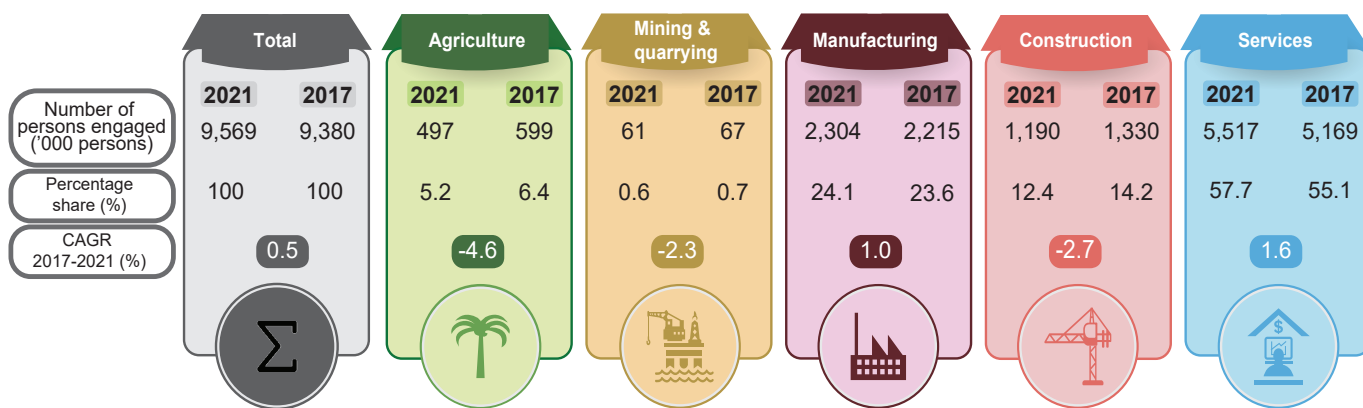
SUMMARY OF FINDINGS

2.2 By Kind of Economic Activity

From the perspective of economic activities, the Services sector dominated the number of persons engaged in 2021 at 57.7 per cent (5,517 thousand persons), followed by Manufacturing sector with 24.1 per cent (2,303 thousand persons), and Construction sector with 12.4 per cent (1,190 thousand persons). In the meantime, the Agriculture sector employed 496.7 thousand persons (5.2%) whereas the Mining & quarrying sector employed 61.0 thousand persons (0.6%).

Analysing the performance over the past five years shows that almost all sectors have experienced declines in number of persons engaged, except for the Services and Manufacturing sectors, which showed an upward trend of 1.6 per cent and 1.0 per cent, respectively. (Exhibit 2)

Exhibit 2: Number of Person Engaged by Economic Activity, 2017 & 2021

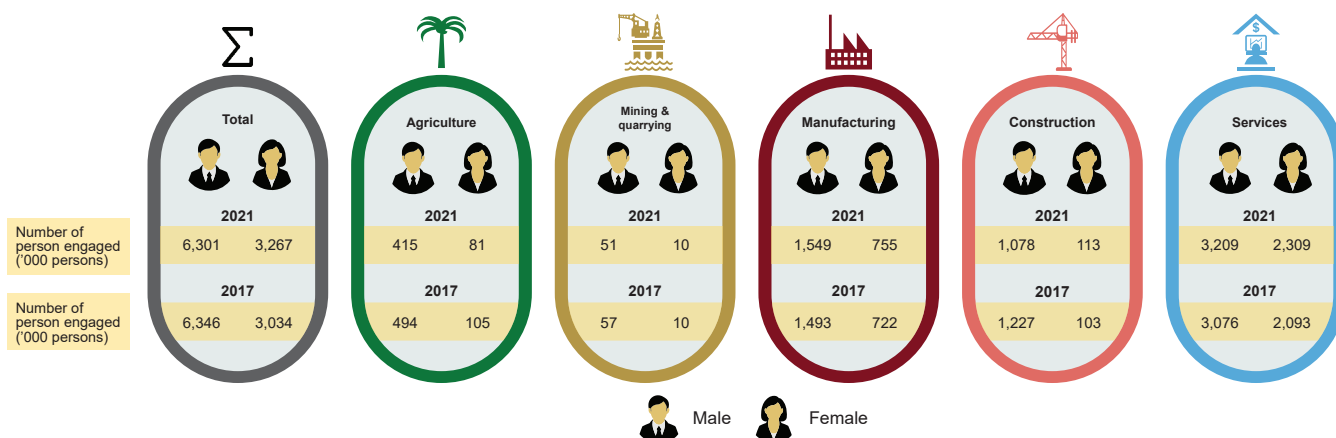


CAGR : Compound Annual Growth Rate

2.3 By Sex

In terms of sex distribution, male workers constituted of 67.2 per cent (6,301 thousand persons) while female workers accounted for 34.1 per cent (3,267 thousand persons). Male workers dominate all economic activities, with a notable presence in the Construction (90.5%) and Mining & quarrying (83.9%) sectors. (Exhibit 3)

Exhibit 3: Number of Persons Engaged by Sex, 2017 & 2021



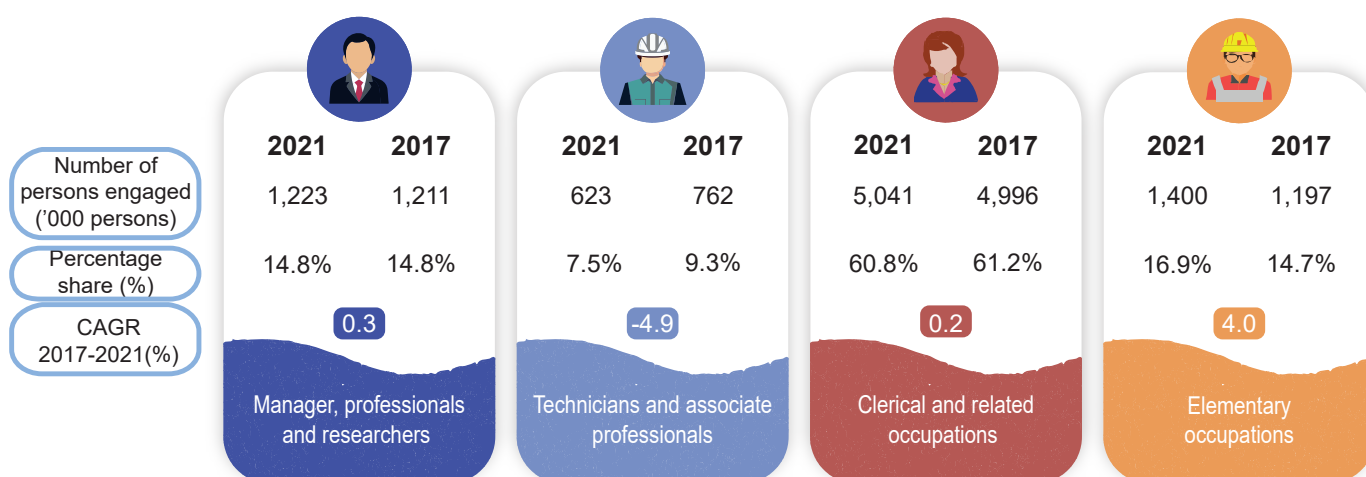
SUMMARY OF FINDINGS

2.4 By Category of Employment and Skill

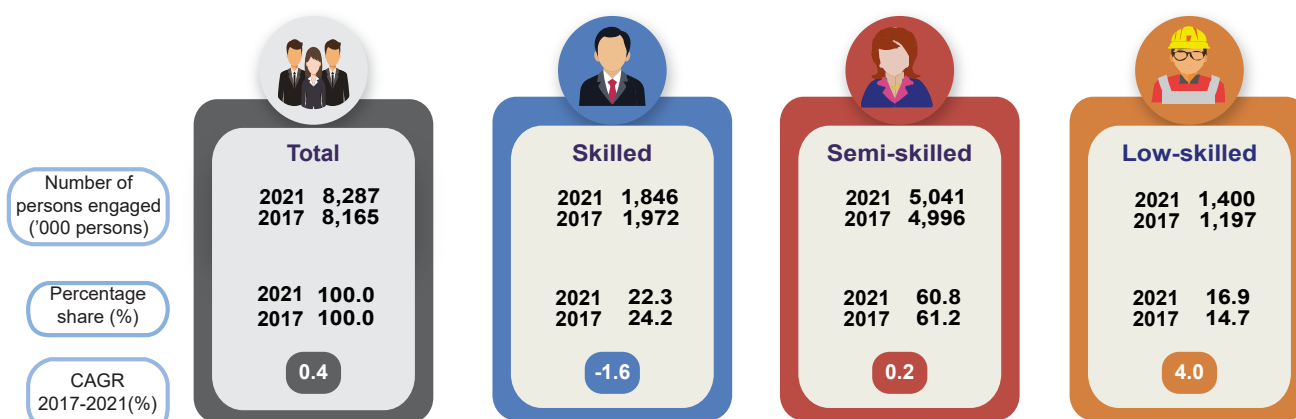
Disaggregating the employment by skills category, those in the semi-skilled occupations namely Clerical support workers; Service & sales workers; Skilled agricultural, forestry, livestock & fishery workers; Craft & related trades workers, as well as Plant & machine operators & assembler still dominated the labour demand with 60.8 per cent (5,041 thousand persons). Meanwhile, the number of skilled workers which consists of Managers, professionals & researchers, and Technicians and associate professionals accounted for 14.8 per cent (1,223 thousand persons) and 7.5 per cent (623 thousand persons), respectively. During the same period, low-skilled category comprised of 16.9 per cent to record 1,400 thousand persons.

In terms of category of employment, Elementary occupations recorded the highest annual growth with 4.0 per cent, followed by Managers, professional and researchers with 0.3 per cent. On the contrary, the Clerical and related occupations increase marginally by 0.2 per cent whereas Technicians and associate professionals dropped 4.9 per cent. (Exhibit 4)

Exhibit 4: Number of Persons Engaged by Category of Employment and Skill, 2017 & 2021



CAGR : Compound Annual Growth Rate



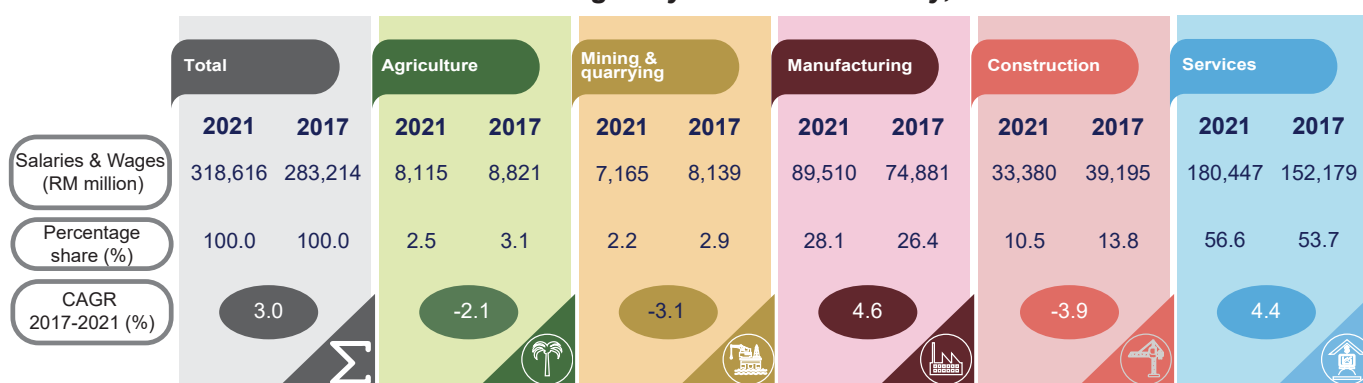
CAGR : Compound Annual Growth Rate

SUMMARY OF FINDINGS

3. SALARIES & WAGES

The salaries & wages paid amounted to RM318.6 billion in 2021, an increase of RM35.4 billion from 2017 (RM283.2 billion). As the largest contributor to the economy, the Services sector accounted for 56.6 per cent or RM180.4 billion to the total salaries & wages. This was followed by the Manufacturing and Construction sectors at RM89.5 billion and RM33.4 billion, respectively. Collectively, the value of salaries & wages paid by these three sectors totalled RM303.3 billion (95.2%). In the meantime, the Agriculture sector recorded a value of RM8.1 billion or 2.5 per cent. The lowest salaries & wages were registered by the Mining & quarrying sector at RM7.2 billion. **(Exhibit 5)**

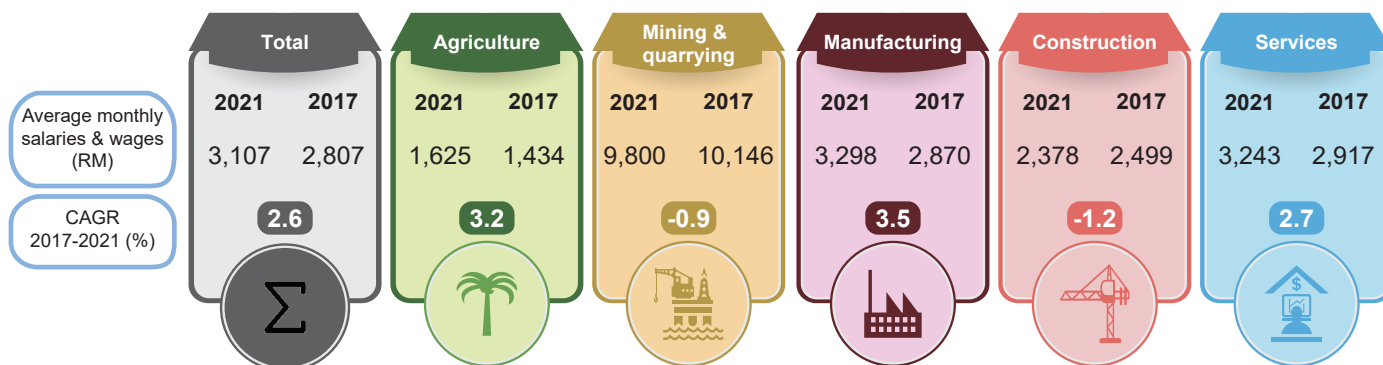
Exhibit 5: Salaries & Wages by Economic Activity, 2017 & 2021



CAGR : Compound Annual Growth Rate

The average monthly salaries & wages of employees engaged exhibited a steady increase from RM2,807 in 2017 to RM3,107 in 2021, with a growth of 2.6 per cent annually. Workers in Mining & quarrying sector earned the highest average monthly salaries & wages at RM9,800 in 2021. Meanwhile, Services, Manufacturing and Construction sector registered average monthly salaries and wages of RM3,243, RM3,298, dan RM2,378, respectively. Agriculture sector earned the lowest average monthly salaries & wages at RM1,625. **(Exhibit 6)**

Exhibit 6: Average Monthly Salaries & Wages by Economic Activity, 2017 & 2021

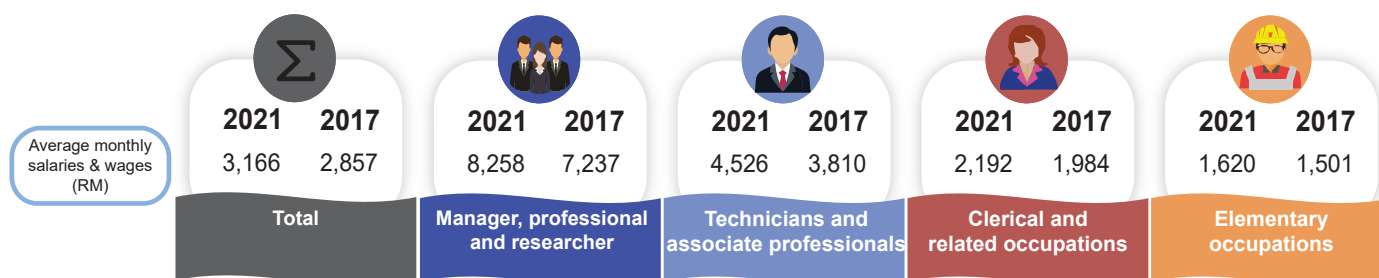


CAGR : Compound Annual Growth Rate

SUMMARY OF FINDINGS

In terms of average monthly salaries & wages, Manager, professional, and researcher category earned the highest amount at RM8,258 (2017: RM7,237). This was followed by Technicians and associate professionals category at RM4,526 (2017: RM3,810) and Clerical and related occupations category at RM2,192 (2017: RM1,984). Meanwhile, Elementary occupations category received the lowest average monthly salaries & wages at RM1,620 (2017: RM1,501). (**Exhibit 7**)

Exhibit 7: Average Monthly Salaries & Wages of Full-Time Paid Employees, 2017 & 2021



4. NUMBER OF PERSONS ENGAGED AND SALARIES & WAGES BY STATE

Looking at the composition of workers by state, Selangor recorded the highest number of persons engaged at 2,572 thousand persons (26.9%). This was followed by Wilayah Persekutuan (1,680 thousand persons; 17.6%) and Johor (1,181 thousand persons; 12.3%). Majority of workers in Selangor and Wilayah Persekutuan were concentrated in the Services sector, while workers in Johor were primarily in the Services and Manufacturing sector. Meanwhile, Perlis recorded the lowest percentage share of 0.4 per cent with 38.9 thousand workers in 2021.

Likewise, Selangor recorded the highest salaries & wages which accounted 30.6 per cent (RM97.5 billion) to overall salaries in 2021. This was followed by Wilayah Persekutuan (22.6%; RM71.9 billion) and Johor (10.9%; RM34.7 billion). Perlis recorded the smallest salaries & wages amount payout of RM0.8 billion (0.2%), as shown in **Exhibit 8**.

SUMMARY OF FINDINGS

Exhibit 8: Number of Persons Engaged and Salaries & Wages by State, 2017 & 2021

																			
		Agriculture*			Mining & quarrying			Manufacturing			Construction			Services			Total		
		2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR
 Johor	Number of Persons Engaged ('000)	72.4	58.0	-5.4	6.0	4.3	-8.1	473.3	452.3	-1.1	251.0	151.2	-11.9	468.1	514.8	2.4	1,270.8	1,180.6	-1.8
	Salaries & Wages Paid (RM Million)	1,291.0	1,116.3	-3.6	258.0	156.9	-11.7	13,770.6	15,664.5	3.3	6,975.3	3,838.8	-13.9	11,041.5	13,918.3	6.0	33,336.4	34,694.8	1.0
 Kedah	Number of Persons Engaged ('000)	14.5	11.8	-4.9	1.5	0.6	-20.2	105.2	119.7	3.3	27.5	27.6	0.1	187.2	196.5	1.2	335.9	356.2	1.5
	Salaries & Wages Paid (RM Million)	198.2	173.6	-3.3	16.2	20.6	6.2	3,258.0	4,358.4	7.5	741.3	707.7	-1.2	3,212.4	3,858.1	4.7	7,426.2	9,118.4	5.3
 Kelantan	Number of Persons Engaged ('000)	14.9	9.7	-10.2	2.4	2.0	-4.6	21.4	21.6	0.2	17.3	15.3	-2.9	137.1	143.1	1.1	193.1	191.7	-0.2
	Salaries & Wages Paid (RM Million)	231.2	155.3	-9.5	94.1	71.1	-6.8	376.5	447.3	4.4	473.8	395.7	-4.4	1,516.3	1,800.9	4.4	2,691.9	2,870.2	1.6
 Melaka	Number of Persons Engaged ('000)	8.0	8.6	1.9	0.8	0.5	-10.8	89.0	91.6	0.7	25.2	19.6	-6.0	143.4	153.8	1.8	266.4	274.1	0.7
	Salaries & Wages Paid (RM Million)	145.7	200.6	8.3	21.0	12.9	-11.4	3,250.2	4,089.4	5.9	678.3	499.3	-7.4	3,012.2	3,562.5	4.3	7,107.3	8,364.7	4.2
 Negeri Sembilan	Number of Persons Engaged ('000)	18.5	14.1	-6.6	0.8	0.9	2.3	81.0	83.9	0.9	51.9	48.4	-1.8	142.6	147.7	0.9	294.8	295.0	0.0
	Salaries & Wages Paid (RM Million)	307.2	245.6	-5.4	29.2	30.7	1.2	3,081.9	3,662.6	4.4	1,401.6	1,214.1	-3.5	2,755.7	3,204.0	3.8	7,575.7	8,357.0	2.5
 Pahang	Number of Persons Engaged ('000)	74.7	52.1	-8.6	4.0	3.3	-4.6	46.7	49.9	1.7	60.2	45.7	-6.7	155.8	163.0	1.1	341.4	313.9	-2.1
	Salaries & Wages Paid (RM Million)	983.2	729.4	-7.2	188.5	122.1	-10.3	1,607.1	1,953.7	5.0	1,666.8	1,192.7	-8.0	2,814.8	3,264.0	3.8	7,260.4	7,261.9	0.0
 Pulau Pinang	Number of Persons Engaged ('000)	4.6	6.7	9.8	0.3	0.9	28.4	288.1	309.0	1.8	73.6	73.1	-0.1	308.9	330.3	1.7	675.5	720.0	1.6
	Salaries & Wages Paid (RM Million)	101.8	151.6	10.5	59.8	27.8	-17.4	12,164.6	15,270.6	5.8	2,150.0	1,922.3	-2.8	7,502.5	8,957.0	4.5	21,978.6	26,329.3	4.6
 Perak	Number of Persons Engaged ('000)	47.1	38.5	-4.9	2.3	3.9	14.4	143.2	148.0	0.8	53.0	63.2	4.5	285.4	299.1	1.2	531.0	552.7	1.0
	Salaries & Wages Paid (RM Million)	742.5	635.1	-3.8	87.6	129.7	10.3	3,930.2	4,793.3	5.1	1,465.2	1,716.9	4.0	5,287.0	6,550.8	5.5	11,512.6	13,825.9	4.7

CAGR : Compound Annual Growth Rate (%)

* Refers to technical review of Agricultural sector data for the year 2017

SUMMARY OF FINDINGS

Exhibit 8: Number of Persons Engaged and Salaries & Wages by State, 2017 & 2021 (cont.)

																			
		Agriculture*			Mining & Quarrying			Manufacturing			Construction			Services			Total		
		2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR	2017	2021	CAGR
 Perlis	Number of Persons Engaged ('000)	0.1	0.3	20.0	0.2	0.2	-9.6	6.4	6.4	0.3	5.3	4.8	-2.1	24.3	27.2	2.9	36.3	39.0	1.8
	Salaries & Wages Paid (RM Million)	1.9	5.0	27.6	9.9	6.3	-10.7	145.8	182.8	5.8	101.8	87.7	-3.6	408.4	502.3	5.3	667.8	784.1	4.1
 Selangor	Number of Persons Engaged ('000)	29.5	37.5	6.2	12.0	12.9	1.7	661.7	720.6	2.2	333.3	304.5	-2.2	1,367.6	1,496.8	2.3	2,404.2	2,572.4	1.7
	Salaries & Wages Paid (RM Million)	455.0	696.8	11.2	459.1	538.1	4.1	24,049.9	28,453.9	4.3	10,810.7	9,603.1	-2.9	47,971.0	58,211.9	5.0	83,745.6	97,503.7	3.9
 Terengganu	Number of Persons Engaged ('000)	22.7	21.0	-1.9	1.1	1.4	5.0	26.6	24.7	-1.8	35.8	32.3	-2.5	103.0	108.5	1.3	189.2	187.9	-0.2
	Salaries & Wages Paid (RM Million)	199.6	195.2	-0.6	64.5	76.5	4.4	1,176.4	1,470.0	5.7	1,133.8	1,009.9	-2.9	1,521.6	1,801.6	4.3	4,096.0	4,553.2	2.7
 Sabah	Number of Persons Engaged ('000)	178.7	156.7	-3.2	6.5	4.3	-9.8	68.1	70.2	0.8	64.2	64.4	0.1	271.1	289.0	1.6	588.6	584.6	-0.2
	Salaries & Wages Paid (RM Million)	2,257.3	2,076.1	-2.1	795.6	641.2	-5.3	1,489.2	1,624.6	2.2	1,600.6	1,607.6	0.1	5,412.7	6,278.9	3.8	11,555.4	12,228.4	1.4
 Sarawak	Number of Persons Engaged ('000)	113.0	81.5	-7.9	9.5	10.9	3.4	101.3	106.3	1.2	91.4	90.9	-0.1	300.1	321.4	1.7	615.3	610.9	-0.2
	Salaries & Wages Paid (RM Million)	1,903.3	1,731.9	-2.3	1,586.4	1,790.7	3.1	3,062.5	3,657.5	4.5	2,630.0	2,522.9	-1.0	6,942.9	8,150.9	4.1	16,125.0	17,853.9	2.6
 Wilayah Persekutuan**	Number of Persons Engaged ('000)	0.2	0.1	-18.7	8.8	5.7	-10.3	103.0	99.3	-0.9	240.6	249.0	0.9	1,274.1	1,326.3	1.0	1,626.6	1,680.4	0.8
	Salaries & Wages Paid (RM Million)	3.3	2.4	-7.5	1,163.6	580.9	-15.9	3,517.6	3,881.3	2.5	7,365.4	7,061.0	-1.0	52,779.6	60,385.8	3.4	64,829.5	71,911.5	2.6
 Supra***	Number of Persons Engaged ('000)	n.a	n.a	n.a	10.5	9.3	-3.1	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	10.5	9.3	-3.1
	Salaries & Wages Paid (RM Million)	n.a	n.a	n.a	3,305.4	2,959.2	-2.7	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	3,305.4	2,959.2	-2.7

CAGR : Compound Annual Growth Rate (%)

* Refers to technical review of Agricultural sector data for the year 2017

** Includes Wilayah Persekutuan Kuala Lumpur, Labuan and Putrajaya

*** Comprises of production activities that beyond the centre of predominant economic interest for any state

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JADUAL STATISTIK *STATISTICAL TABLES*

1 **Bilangan pekerja mengikut jenis aktiviti ekonomi, 2017 - 2021**
Number of persons engaged by kind of economic activity, 2017 - 2021

('000)

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Bilangan pekerja <i>Number of persons engaged</i>				
	2017	2018	2019	2020 ^r	2021
1. Pertanian* <i>Agriculture</i>	599.1	583.2	571.4	554.2	496.7
1.1 Tanaman* <i>Crops</i>	524.5	505.2	491.4	478.3	432.1
1.2 Ternakan* <i>Livestock</i>	36.0	38.2	42.0	40.5	36.4
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	22.6	22.1	21.2	18.9	15.0
1.4 Perikanan* <i>Fisheries</i>	15.9	17.7	16.8	16.5	13.2
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	67.0	67.0	67.3	61.1	61.0
3. Pembuatan <i>Manufacturing</i>	2,214.9	2,242.4	2,282.6	2,246.8	2,303.5
3.1 Pembuatan produk makanan <i>Manufacture of food products</i>	273.9	274.4	276.9	275.3	283.3
3.2 Pembuatan minuman <i>Manufacture of beverages</i>	16.8	17.3	18.1	15.8	16.1
3.3 Pembuatan produk tembakau <i>Manufacture of tobacco products</i>	1.1	1.2	1.2	0.8	0.8
3.4 Pembuatan tekstil <i>Manufacture of textiles</i>	32.4	30.3	30.9	29.1	30.5
3.5 Pembuatan pakaian <i>Manufacture of wearing apparel</i>	63.5	62.4	64.7	54.9	56.2
3.6 Pembuatan produk kulit dan barangan berkaitan <i>Manufacture of leather and related products</i>	11.7	12.3	12.6	12.3	12.5
3.7 Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artikel jerami dan bahan-bahan anyaman <i>Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials</i>	97.9	101.3	100.6	92.0	94.2
3.8 Pembuatan kertas dan produk kertas <i>Manufacture of paper and paper products</i>	51.7	51.9	52.8	50.2	51.8
3.9 Percetakan dan penerbitan semula media rakaman <i>Printing and reproduction of recorded media</i>	55.8	56.9	57.2	58.5	59.6
3.10 Pembuatan kok dan produk petroleum bertapis <i>Manufacture of coke and refined petroleum products</i>	13.8	14.4	15.4	14.0	14.4
3.11 Pembuatan kimia dan produk kimia <i>Manufacture of chemicals and chemical products</i>	96.2	97.0	99.0	94.5	96.7
3.12 Pembuatan produk farmaseutikal asas, kimia perubatan dan botani <i>Manufacture of basic pharmaceutical products and pharmaceutical preparations</i>	22.7	22.5	24.2	26.3	28.0
3.13 Pembuatan produk getah dan plastik <i>Manufacture of rubber and plastics product</i>	259.0	262.2	270.7	291.7	302.8
3.14 Pembuatan produk galian bukan logam lain <i>Manufacture of other non-metallic mineral products</i>	95.4	95.9	99.0	93.8	93.9
3.15 Pembuatan logam asas <i>Manufacture of basic metals</i>	92.6	96.1	100.4	97.8	98.1
3.16 Pembuatan produk logam, kecuali mesin dan kelengkapan <i>Manufacture of fabricated metal products, except machinery and equipment</i>	164.7	167.3	169.2	173.5	173.8
3.17 Pembuatan komputer, produk elektronik dan optikal <i>Manufacture of computer, electronic and optical products</i>	354.5	362.4	365.8	349.8	364.9
3.18 Pembuatan kelengkapan elektrik <i>Manufacture of electrical equipment</i>	98.0	94.6	95.6	99.5	102.3

Nota / Note :

^r Merujuk kepada data semakan semula

Refers to revised data

* Merujuk kepada semakan teknikal data Sektor Pertanian bagi tahun 2017-2019

Refers to technical review of Agricultural sector data for the year 2017-2019

1 **Bilangan pekerja mengikut jenis aktiviti ekonomi, 2017 - 2021 (samb.)**
Number of persons engaged by kind of economic activity, 2017 - 2021 (cont.)

('000)

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Bilangan pekerja <i>Number of persons engaged</i>				
		2017	2018	2019	2020 ^r	2021
3.19	Pembuatan jentera dan peralatan t.t.t.l. <i>Manufacture of machinery and equipment n.e.c.</i>	103.2	103.7	104.4	105.7	106.5
3.20	Pembuatan kenderaan bermotor, treler dan semi treler <i>Manufacture of motor vehicles, trailers and semi-trailers</i>	81.4	86.5	87.2	81.0	82.0
3.21	Pembuatan kelengkapan pengangkutan lain <i>Manufacture of other transport equipment</i>	34.6	36.2	38.5	34.9	35.1
3.22	Pembuatan perabot <i>Manufacture of furniture</i>	95.7	96.9	97.9	95.3	97.9
3.23	Pembuatan lain <i>Other manufacturing</i>	42.1	42.3	41.7	43.1	43.8
3.24	Pembaikan dan pemasangan mesin dan kelengkapan <i>Repair and installation of machinery and equipment</i>	55.9	56.5	58.6	57.0	58.2
4.	Pembinaan <i>Construction</i>	1,330.3	1,297.0	1,300.8	1,232.8	1,190.2
5.	Perkhidmatan* <i>Services</i>	5,168.6	5,433.8	5,662.7	5,513.8	5,517.3
5.1	Bekalan elektrik, gas, wap dan pendingin udara* <i>Electricity, gas, steam and air conditioning supply</i>	50.3	51.3	52.3	51.7	51.0
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	52.5	54.7	55.3	55.4	50.8
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	1,864.9	2,002.8	2,099.7	2,092.9	2,152.0
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	437.9	453.5	471.6	440.5	457.5
5.5	Penginapan <i>Accommodation</i>	139.4	147.0	155.0	135.2	121.8
5.6	Makanan dan minuman <i>Food and beverage</i>	958.8	1,003.1	1,050.8	996.7	968.7
5.7	Maklumat dan komunikasi <i>Information and communication</i>	225.7	233.5	240.7	236.4	241.7
5.8	Kewangan <i>Finance</i>	358.0	362.5	366.9	365.8	366.8
5.9	Hartanah <i>Real estate</i>	88.2	93.1	98.5	95.4	94.1
5.10	Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	333.1	341.4	349.8	347.6	347.0
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	194.0	202.3	210.1	204.3	199.0
5.12	Pendidikan swasta <i>Private education</i>	145.0	149.9	154.9	155.0	155.0
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	137.4	146.0	154.9	155.2	155.5
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	63.5	66.6	70.1	61.2	43.6
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	120.0	125.8	132.1	120.5	112.8
Jumlah <i>Total</i>		9,379.8	9,623.4	9,884.8	9,608.7	9,568.6

Nota / Note :

^r Merujuk kepada data semakan semula

Refers to revised data

* Merujuk kepada semakan teknikal data sektor Perkhidmatan bagi tahun 2019

Refers to technical review of Services sector data for the year 2019

2 Bilangan pekerja mengikut jenis aktiviti ekonomi dan jantina, 2017 & 2021
Number of persons engaged by kind of economic activity and sex, 2017 & 2021

('000)

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Lelaki <i>Male</i>		Perempuan <i>Female</i>	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	493.6	415.2	105.5	81.4
1.1 Tanaman* <i>Crops</i>	430.4	361.2	94.1	70.8
1.2 Ternakan* <i>Livestock</i>	29.1	29.2	6.9	7.2
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	19.7	13.0	3.0	2.1
1.4 Perikanan* <i>Fisheries</i>	14.4	11.9	1.5	1.3
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	56.8	51.2	10.2	9.8
3. Pembuatan <i>Manufacturing</i>	1,492.8	1,548.6	722.1	754.9
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	178.3	183.4	95.6	99.9
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	12.6	11.9	5.3	5.1
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	56.7	53.0	50.9	46.2
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	225.9	227.4	75.3	76.1
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	272.3	301.8	119.5	140.2
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	285.2	296.0	67.4	69.8
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	299.0	308.1	256.7	265.5
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	162.8	166.9	51.4	52.1
4. Pembinaan <i>Construction</i>	1,227.1	1,077.6	103.2	112.6
5. Perkhidmatan <i>Services</i>	3,075.6	3,208.8	2,093.1	2,308.5
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	41.1	40.9	9.2	10.1
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	44.5	42.7	8.0	8.1
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	1,176.8	1,284.4	688.1	867.6
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	338.5	351.1	99.5	106.4
5.5 Penginapan <i>Accommodation</i>	79.9	65.8	59.5	56.0
5.6 Makanan dan minuman <i>Food and beverage</i>	507.9	512.9	450.9	455.8
5.7 Maklumat dan komunikasi <i>Information and communication</i>	138.0	144.7	87.7	97.0
5.8 Kewangan <i>Finance</i>	180.8	185.9	177.2	180.9
5.9 Hartanah <i>Real estate</i>	52.9	56.5	35.3	37.6
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	189.1	201.1	144.0	145.9
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	132.5	136.2	61.5	62.8
5.12 Pendidikan swasta <i>Private education</i>	58.4	62.1	86.6	92.9
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	42.4	48.4	94.9	107.1
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	39.1	25.6	24.4	18.0
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	53.7	50.4	66.3	62.4
Jumlah <i>Total</i>	6,345.8	6,301.3	3,034.0	3,267.3

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017

Refers to technical review of Agricultural sector data for the year 2017

3 Bilangan pekerja mengikut jenis aktiviti ekonomi dan kategori pekerja, 2017 & 2021
Number of persons engaged by kind of economic activity and category of employment, 2017 & 2021

('000)

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Working proprietors and unpaid family workers</i>		Pekerja sepenuh masa <i>Full-time employees</i>	
			Jumlah pekerja sepenuh masa <i>Total full-time employees</i>	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	86.3	80.4	503.7	411.2
1.1 Tanaman* <i>Crops</i>	84.3	78.7	433.1	349.9
1.2 Ternakan* <i>Livestock</i>	1.0	0.9	34.5	35.0
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	0.2	0.2	21.5	14.2
1.4 Perikanan* <i>Fisheries</i>	0.8	0.7	14.6	12.0
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	0.1	0.1	66.6	60.9
3. Pembuatan <i>Manufacturing</i>	40.7	42.0	2,158.1	2,244.9
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	12.6	13.6	257.2	267.1
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.4	0.4	17.3	16.5
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	11.4	10.5	93.2	88.0
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	2.7	2.8	296.7	299.8
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	1.2	1.3	389.1	431.8
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	5.6	6.2	344.5	357.8
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	1.2	1.2	553.5	571.6
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	5.7	5.9	206.7	212.3
4. Pembinaan <i>Construction</i>	23.0	20.5	1,299.4	1,156.6
5. Perkhidmatan <i>Services</i>	821.3	879.8	4,137.3	4,412.9
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	0.1	0.1	50.1	51.0
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.5	0.3	51.9	49.7
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	386.3	439.0	1,383.2	1,601.2
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	49.7	56.0	382.8	395.7
5.5 Penginapan <i>Accommodation</i>	3.0	3.1	130.4	114.7
5.6 Makanan dan minuman <i>Food and beverage</i>	276.0	278.5	614.3	620.5
5.7 Maklumat dan komunikasi <i>Information and communication</i>	0.7	0.7	223.1	239.3
5.8 Kewangan <i>Finance</i>	2.2	2.8	353.9	362.0
5.9 Hartanah <i>Real estate</i>	1.3	1.7	85.1	90.5
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	24.8	25.2	302.3	316.1
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	11.3	11.3	178.7	183.4
5.12 Pendidikan swasta <i>Private education</i>	10.9	11.7	126.8	135.4
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	12.6	14.0	121.7	138.2
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	7.3	4.3	52.7	38.0
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	34.7	31.3	80.2	77.0
Jumlah <i>Total</i>	971.5	1,022.8	8,165.1	8,286.5

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

3 Bilangan pekerja mengikut jenis aktiviti ekonomi dan kategori pekerja, 2017 & 2021 (samb.)
Number of persons engaged by kind of economic activity and category of employment, 2017 & 2021 (cont.)

('000)

Jenis aktiviti ekonomi Kind of economic activity	Pekerja sepenuh masa Full-time employees			
	Pengurus, profesional dan penyelidik Managers, professionals and researchers		Juruteknik dan profesional bersekutu Technicians and associate professionals	
	2017	2021	2017	2021
1. Pertanian* Agriculture	15.9	14.4	10.1	8.6
1.1 Tanaman* Crops	11.0	10.0	7.8	6.6
1.2 Ternakan* Livestock	2.1	2.2	0.9	1.0
1.3 Perhutanan dan pembalakan Forestry and logging	1.6	1.1	0.9	0.6
1.4 Perikanan* Fisheries	1.2	1.0	0.4	0.4
2. Perlombongan dan pengkuarian Mining and quarrying	14.9	15.1	11.4	12.2
3. Pembuatan Manufacturing	206.3	215.4	192.4	200.2
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan Vegetable and animal oils and fats and food processing	20.6	21.6	14.4	14.7
3.2 Minuman dan produk tembakau Beverages and tobacco products	1.6	1.6	1.0	1.0
3.3 Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	6.1	5.7	6.1	5.7
3.4 Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	21.4	21.8	17.2	17.4
3.5 Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	36.5	40.3	36.0	39.6
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	30.8	32.0	27.1	28.0
3.7 Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	66.0	68.1	66.3	68.5
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	23.4	24.4	24.3	25.4
4. Pembinaan Construction	76.3	125.8	62.2	97.3
5. Perkhidmatan Services	897.2	852.0	485.7	304.9
5.1 Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	9.2	9.2	11.5	11.2
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	4.9	5.8	4.9	4.6
5.3 Perdagangan borong dan runcit Wholesale and retail trade	244.2	168.0	246.0	64.7
5.4 Pengangkutan dan penyimpanan Transportation and storage	46.3	48.6	33.4	35.0
5.5 Penginapan Accommodation	16.9	14.4	9.8	7.3
5.6 Makanan dan minuman Food and beverage	68.2	69.2	5.4	5.9
5.7 Maklumat dan komunikasi Information and communication	82.4	84.4	49.6	49.6
5.8 Kewangan Finance	130.0	134.6	30.6	30.9
5.9 Hartanah Real estate	30.2	32.5	6.0	6.3
5.10 Professional, saintifik dan teknikal Professional, scientific and technical	106.5	119.1	40.3	38.3
5.11 Pentadbiran dan khidmat sokongan Administrative and support service	31.8	31.9	7.7	7.9
5.12 Pendidikan swasta Private education	67.8	72.5	10.9	11.6
5.13 Kesihatan swasta dan kerja sosial Private health and social work	36.8	43.0	22.3	25.2
5.14 Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	10.1	6.9	3.5	2.7
5.15 Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	12.1	11.9	3.9	3.6
Jumlah Total	1,210.7	1,222.7	761.8	623.3

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

Pekerja sepenuh masa Full-time employees				Pekerja sambilan Part-time employees		Jumlah pekerja bergaji Total paid employees	
Perkeranian dan pekerjaan yang berkaitan Clerical, and related occupations		Pekerja asas Elementary occupation					
2017	2021	2017	2021	2017	2021	2017	2021
435.5	352.6	42.2	35.5	9.0	5.1	512.7	416.2
378.3	303.2	36.0	30.1	7.1	3.4	440.2	353.4
28.7	28.7	2.8	3.1	0.5	0.5	35.1	35.5
16.9	11.2	2.1	1.3	0.9	0.6	22.4	14.8
11.6	9.6	1.4	0.9	0.5	0.6	15.1	12.5
32.0	28.0	8.2	5.7	0.2	-	66.8	60.9
1,605.0	1,669.1	154.4	160.1	16.0	16.6	2,174.2	2,261.5
192.4	199.9	29.8	30.8	4.1	2.6	261.3	269.7
12.2	11.6	2.4	2.3	0.3	0.1	17.5	16.6
73.1	69.2	7.9	7.4	3.0	0.6	96.2	88.7
222.1	224.9	35.9	35.8	1.8	0.9	298.5	300.7
292.5	324.2	24.2	27.6	1.5	8.8	390.6	440.6
261.9	272.1	24.7	25.7	2.6	1.9	347.0	359.7
403.1	416.3	18.1	18.8	1.0	0.8	554.5	572.5
147.6	150.9	11.4	11.6	1.8	0.8	208.5	213.1
1,113.4	875.9	47.6	57.7	7.8	13.1	1,307.3	1,169.7
1,810.0	2,115.1	944.3	1,140.9	210.0	224.6	4,347.3	4,637.5
24.1	22.5	5.4	8.0	0.1	0.0	50.2	51.0
28.3	28.1	13.8	11.1	0.1	0.7	52.0	50.5
650.8	924.0	242.3	444.5	95.4	111.8	1,478.6	1,713.0
205.6	211.0	97.4	101.1	5.4	5.7	388.2	401.5
55.9	49.4	47.8	43.5	6.0	4.0	136.4	118.7
229.7	231.5	311.0	313.9	68.5	69.8	682.8	690.3
67.4	79.5	23.8	25.8	1.9	1.7	225.0	241.0
168.0	169.3	25.4	27.3	1.9	1.9	355.8	364.0
38.4	40.5	10.5	11.2	1.8	1.9	86.9	92.5
113.0	124.0	42.6	34.8	6.0	5.7	308.3	321.8
77.3	79.9	61.9	63.7	4.1	4.2	182.8	187.6
33.1	35.4	14.9	15.9	7.3	7.9	134.1	143.3
52.4	58.8	10.3	11.2	3.0	3.4	124.7	141.6
22.8	19.8	16.3	8.6	3.5	1.3	56.2	39.3
43.3	41.4	20.9	20.2	5.1	4.4	85.3	81.5
4,995.9	5,040.7	1,196.7	1,399.9	243.2	259.3	8,408.3	8,545.8

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

3a Bilangan pekerja lelaki mengikut jenis aktiviti ekonomi dan kategori pekerja, 2017 & 2021
Number of male employment by kind of economic activity and category of employment, 2017 & 2021

('000)

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Working proprietors and unpaid family workers</i>		Pekerja sepenuh masa <i>Full-time employees</i>	
			Jumlah pekerja sepenuh masa <i>Total full-time employees</i>	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	69.3	71.5	417.2	339.8
1.1 Tanaman* <i>Crops</i>	67.5	69.9	357.5	288.6
1.2 Ternakan* <i>Livestock</i>	0.9	0.8	27.8	28.1
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	0.2	0.2	18.7	12.2
1.4 Perikanan* <i>Fisheries</i>	0.7	0.6	13.2	10.8
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	0.1	0.1	56.5	51.1
3. Pembuatan <i>Manufacturing</i>	25.7	26.7	1,458.0	1,512.3
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	6.6	7.1	170.5	174.9
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.3	0.3	12.1	11.5
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	5.2	4.8	50.6	48.0
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	2.2	2.3	222.3	224.5
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	0.9	1.1	270.4	296.2
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	5.0	5.5	277.9	289.0
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	0.7	0.8	297.6	306.8
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	4.6	4.8	156.7	161.5
4. Pembinaan <i>Construction</i>	20.1	18.2	1,200.3	1,047.3
5. Perkhidmatan <i>Services</i>	530.3	515.3	2,426.2	2,572.4
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	0.1	0.0	40.9	40.8
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.4	0.3	44.1	41.7
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	276.5	255.7	843.9	968.6
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	45.5	51.1	288.4	295.2
5.5 Penginapan <i>Accommodation</i>	2.1	2.3	74.8	61.7
5.6 Makanan dan minuman <i>Food and beverage</i>	140.0	141.1	330.8	334.1
5.7 Maklumat dan komunikasi <i>Information and communication</i>	0.6	0.5	136.1	142.9
5.8 Kewangan <i>Finance</i>	1.9	2.5	178.0	182.6
5.9 Hartanah <i>Real estate</i>	1.0	1.3	50.8	54.2
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	19.1	20.4	167.0	177.7
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	9.3	9.4	120.0	123.6
5.12 Pendidikan swasta <i>Private education</i>	4.5	4.8	51.1	54.4
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	6.8	7.4	34.9	40.1
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	5.7	3.3	31.1	21.7
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	17.0	15.2	34.2	33.1
Jumlah <i>Total</i>	645.4	631.8	5,558.1	5,522.8

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

3a

Bilangan pekerja lelaki mengikut jenis aktiviti ekonomi dan kategori pekerja, 2017 & 2021 (samb.)
Number of male employment by kind of economic activity and category of employment, 2017 & 2021 (cont.)

('000)

Pekerja sepenuh masa Full-time employees							
Pengurus, profesional dan penyelidik Managers, professionals and researchers		Juruteknik dan profesional bersekutu Technicians and associate professionals		Perkeranian dan pekerjaan yang berkaitan Clerical and related occupations		Pekerja asas Elementary occupation	
2017	2021	2017	2021	2017	2021	2017	2021
13.9	12.5	9.3	7.9	363.4	292.8	30.7	26.6
9.9	8.9	7.2	6.1	314.1	250.6	26.2	23.0
1.7	1.7	0.8	0.9	23.9	23.9	1.4	1.6
1.3	0.9	0.8	0.5	14.7	9.6	1.8	1.2
1.1	0.9	0.4	0.4	10.6	8.7	1.2	0.8
10.9	11.5	10.3	11.2	28.0	23.2	7.3	5.2
144.0	150.1	160.5	166.9	1,043.3	1,080.8	110.2	114.5
13.3	13.9	12.3	12.5	125.6	128.8	19.2	19.7
1.1	1.0	0.9	0.8	8.4	8.0	1.7	1.6
3.9	3.7	4.3	4.0	38.1	36.2	4.3	4.1
15.7	15.9	15.1	15.3	165.1	166.9	26.5	26.3
25.3	27.9	30.8	33.8	195.8	213.5	18.4	21.0
22.8	23.7	24.0	24.9	210.7	219.2	20.4	21.3
43.9	45.3	51.3	53.0	191.2	197.0	11.1	11.5
17.9	18.7	21.8	22.8	108.3	111.1	8.7	8.9
60.2	107.7	56.0	89.3	1,046.9	803.2	37.2	47.0
576.0	530.9	371.2	215.4	862.1	1,096.6	616.9	729.4
6.3	6.0	10.8	10.3	19.0	17.6	4.9	7.0
3.5	3.8	4.5	4.1	23.2	23.3	13.0	10.4
168.5	108.2	207.1	53.7	272.6	492.5	195.7	314.3
34.2	35.3	28.1	29.4	145.0	147.2	81.0	83.2
10.4	9.1	7.9	5.8	29.1	23.3	27.4	23.6
52.9	53.3	3.6	3.9	117.7	118.3	156.6	158.5
54.1	55.8	37.4	37.1	31.3	35.8	13.3	14.1
72.8	75.1	14.2	14.7	77.5	78.2	13.6	14.7
22.2	23.9	4.5	4.8	17.7	18.6	6.4	6.8
69.6	76.4	29.2	27.2	40.1	51.4	28.0	22.6
22.3	22.4	6.5	6.7	44.1	45.8	47.0	48.7
29.0	31.0	5.8	6.2	10.5	11.1	5.8	6.1
16.2	19.0	5.7	6.6	8.7	9.8	4.3	4.7
7.2	4.8	2.7	2.1	10.7	9.1	10.4	5.6
6.8	6.7	3.0	2.8	15.0	14.7	9.4	9.0
805.1	812.8	607.2	490.8	3,343.7	3,296.6	802.2	922.7

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
 Refers to technical review of Agricultural sector data for the year 2017

3a Bilangan pekerja lelaki mengikut jenis aktiviti ekonomi dan kategori pekerja, 2017 & 2021 (samb.)
Number of male employment by kind of economic activity and category of employment, 2017 & 2021 (cont.)

('000)

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Pekerja sambilan <i>Part-time employees</i>		Jumlah pekerja bergaji <i>Total paid employees</i>	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	7.1	4.0	424.3	343.8
1.1 Tanaman* <i>Crops</i>	5.4	2.6	362.9	291.3
1.2 Ternakan* <i>Livestock</i>	0.4	0.3	28.2	28.4
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	0.8	0.6	19.5	12.8
1.4 Perikanan* <i>Fisheries</i>	0.5	0.5	13.7	11.3
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	0.2	-	56.7	51.1
3. Pembuatan <i>Manufacturing</i>	9.1	9.5	1,467.1	1,521.9
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	1.2	1.4	171.7	176.3
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.2	0.1	12.3	11.6
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	0.9	0.2	51.5	48.2
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	1.3	0.7	223.7	225.2
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	1.0	4.5	271.4	300.7
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	2.3	1.5	280.2	290.5
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	0.7	0.6	298.3	307.4
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	1.4	0.6	158.1	162.1
4. Pembinaan <i>Construction</i>	6.7	12.1	1,207.0	1,059.4
5. Perkhidmatan <i>Services</i>	119.1	121.1	2,545.3	2,693.5
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	0.1	0.0	41.0	40.9
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.1	0.6	44.1	42.4
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	56.4	60.1	900.3	1,028.7
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	4.6	4.8	293.0	300.0
5.5 Penginapan <i>Accommodation</i>	3.1	1.9	77.9	63.6
5.6 Makanan dan minuman <i>Food and beverage</i>	37.0	37.7	367.9	371.8
5.7 Maklumat dan komunikasi <i>Information and communication</i>	1.3	1.2	137.4	144.1
5.8 Kewangan <i>Finance</i>	0.8	0.8	178.9	183.4
5.9 Hartanah <i>Real estate</i>	1.0	1.1	51.9	55.3
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	3.1	3.0	170.1	180.6
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	3.3	3.3	123.2	126.8
5.12 Pendidikan swasta <i>Private education</i>	2.7	2.9	53.9	57.3
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	0.8	1.0	35.6	41.0
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	2.3	0.6	33.4	22.3
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	2.5	2.1	36.7	35.2
Jumlah <i>Total</i>	142.2	146.8	5,700.4	5,669.6

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

3b Bilangan pekerja perempuan mengikut jenis aktiviti ekonomi dan kategori pekerja, 2017 & 2021
Number of female employment by kind of economic activity and category of employment, 2017 & 2021

('000)

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Pemilik yang bekerja dan pekerja keluarga tidak bergaji <i>Working proprietors and unpaid family workers</i>		Pekerja sepenuh masa <i>Full-time employees</i>	
			Jumlah pekerja sepenuh masa <i>Total full-time employees</i>	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	17.1	9.0	86.5	71.4
1.1 Tanaman* <i>Crops</i>	16.8	8.8	75.6	61.3
1.2 Ternakan* <i>Livestock</i>	0.1	0.1	6.7	7.0
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	0.0	0.0	2.9	2.0
1.4 Perikanan* <i>Fisheries</i>	0.1	0.1	1.3	1.2
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	0.0	-	10.1	9.8
3. Pembuatan <i>Manufacturing</i>	15.0	15.3	700.1	732.5
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	6.0	6.5	86.8	92.2
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.1	0.1	5.2	4.9
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	6.2	5.7	42.6	40.0
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	0.5	0.5	74.3	75.3
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	0.2	0.3	118.8	135.6
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	0.6	0.7	66.6	68.8
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	0.4	0.4	255.9	264.9
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	1.0	1.1	50.0	50.8
4. Pembinaan <i>Construction</i>	2.9	2.3	99.1	109.4
5. Perkhidmatan <i>Services</i>	291.1	364.5	1,711.1	1,840.6
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	0.0	0.0	9.2	10.1
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.1	0.0	7.9	8.0
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	109.9	183.3	539.3	632.6
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	4.3	4.9	94.4	100.5
5.5 Penginapan <i>Accommodation</i>	0.9	0.8	55.6	53.0
5.6 Makanan dan minuman <i>Food and beverage</i>	136.0	137.3	283.5	286.4
5.7 Maklumat dan komunikasi <i>Information and communication</i>	0.1	0.1	87.0	96.4
5.8 Kewangan <i>Finance</i>	0.3	0.3	175.8	179.4
5.9 Hartanah <i>Real estate</i>	0.3	0.4	34.3	36.4
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	5.7	4.7	135.3	138.5
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	2.0	2.0	58.7	59.8
5.12 Pendidikan swasta <i>Private education</i>	6.4	6.9	75.6	81.0
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	5.8	6.6	86.9	98.2
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	1.6	1.0	21.6	16.3
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	17.7	16.1	46.0	44.0
Jumlah <i>Total</i>	326.1	391.0	2,607.0	2,763.7

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

3b Bilangan pekerja perempuan mengikut jenis aktiviti ekonomi dan kategori pekerja, 2017 & 2021 (samb.)
Number of female employment by kind of economic activity and category of employment, 2017 & 2021 (cont.)

('000)

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Pekerja sepenuh masa <i>Full-time employees</i>			
	Pengurus, profesional dan penyelidik <i>Managers, professionals and researchers</i>		Juruteknik dan profesional bersekutu <i>Technicians and associate professionals</i>	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	2.0	2.0	0.8	0.7
1.1 Tanaman* <i>Crops</i>	1.1	1.1	0.5	0.5
1.2 Ternakan* <i>Livestock</i>	0.5	0.5	0.1	0.1
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	0.3	0.2	0.1	0.1
1.4 Perikanan* <i>Fisheries</i>	0.1	0.1	0.1	0.1
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	4.0	3.6	1.1	1.0
3. Pembuatan <i>Manufacturing</i>	62.4	65.3	31.9	33.3
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	7.3	7.7	2.1	2.2
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.5	0.5	0.2	0.1
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	2.2	2.0	1.8	1.7
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	5.7	5.8	2.1	2.2
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	11.2	12.4	5.1	5.8
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	8.0	8.3	3.1	3.1
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	22.0	22.8	15.0	15.5
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	5.5	5.7	2.5	2.6
4. Pembinaan <i>Construction</i>	16.1	18.0	6.2	8.0
5. Perkhidmatan <i>Services</i>	321.2	321.1	114.6	89.5
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	2.9	3.2	0.7	1.0
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	1.5	2.0	0.5	0.5
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	75.7	59.8	38.8	11.0
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	12.1	13.3	5.3	5.6
5.5 Penginapan <i>Accommodation</i>	6.5	5.3	1.9	1.5
5.6 Makanan dan minuman <i>Food and beverage</i>	15.3	15.8	1.8	2.0
5.7 Maklumat dan komunikasi <i>Information and communication</i>	28.3	28.6	12.2	12.5
5.8 Kewangan <i>Finance</i>	57.2	59.5	16.4	16.2
5.9 Hartanah <i>Real estate</i>	8.0	8.6	1.4	1.5
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	36.8	42.7	11.1	11.1
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	9.4	9.5	1.2	1.3
5.12 Pendidikan swasta <i>Private education</i>	38.8	41.5	5.1	5.4
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	20.6	24.0	16.5	18.7
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	2.9	2.0	0.8	0.6
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	5.3	5.2	0.9	0.8
Jumlah <i>Total</i>	405.6	409.9	154.6	132.5

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017

Refers to technical review of Agricultural sector data for the year 2017

3b Bilangan pekerja perempuan mengikut jenis aktiviti ekonomi dan kategori pekerja, 2017 & 2021 (samb.)
Number of female employees by kind of economic activity and category of workers, 2017 & 2021 (cont.) ('000)

Pekerja sepenuh masa Full-time employees				Pekerja sambilan Part-time employees		Jumlah pekerja bergaji Total paid employees	
Perkeranian dan pekerjaan yang berkaitan Clerical and related occupations		Pekerja asas Elementary occupation					
2017	2021	2017	2021	2017	2021	2017	2021
72.1	59.8	11.6	9.0	1.9	1.1	88.4	72.5
64.2	52.6	9.8	7.2	1.7	0.8	77.3	62.1
4.7	4.8	1.4	1.5	0.1	0.1	6.8	7.1
2.2	1.5	0.2	0.1	0.0	0.1	2.9	2.0
1.0	0.9	0.2	0.1	0.1	0.1	1.4	1.2
4.1	4.8	1.0	0.5	0.0	-	10.2	9.8
561.7	588.4	44.2	45.6	6.9	7.1	707.0	739.6
66.8	71.1	10.6	11.1	2.9	1.2	89.6	93.4
3.8	3.6	0.7	0.7	0.0	0.0	5.2	5.0
35.0	33.0	3.6	3.3	2.1	0.4	44.7	40.5
57.0	58.0	9.5	9.4	0.5	0.2	74.8	75.6
96.7	110.7	5.8	6.6	0.5	4.3	119.2	139.9
51.2	52.9	4.3	4.4	0.3	0.4	66.8	69.2
211.9	219.3	7.0	7.3	0.3	0.3	256.2	265.1
39.3	39.8	2.7	2.7	0.4	0.2	50.4	51.0
66.4	72.7	10.4	10.7	1.2	0.9	100.3	110.3
947.9	1,018.5	327.4	411.5	90.9	103.5	1,802.0	1,944.1
5.1	4.9	0.5	1.0	0.0	-	9.2	10.1
5.1	4.8	0.9	0.7	0.0	0.1	7.9	8.1
378.2	431.5	46.6	130.2	38.9	51.7	578.2	684.3
60.6	63.8	16.4	17.9	0.8	0.9	95.2	101.5
26.8	26.2	20.4	20.0	2.9	2.1	58.5	55.2
112.0	113.2	154.4	155.4	31.4	32.1	314.9	318.5
36.1	43.7	10.5	11.7	0.6	0.5	87.6	96.9
90.5	91.1	11.8	12.6	1.1	1.1	176.9	180.5
20.7	21.9	4.1	4.4	0.8	0.8	35.1	37.2
72.8	72.6	14.6	12.1	2.9	2.7	138.3	141.2
33.3	34.1	14.8	15.0	0.8	0.9	59.5	60.8
22.6	24.3	9.1	9.8	4.6	5.0	80.2	86.0
43.8	49.0	5.9	6.5	2.2	2.4	89.1	100.5
12.0	10.8	5.9	3.0	1.2	0.7	22.7	17.0
28.3	26.8	11.5	11.1	2.6	2.4	48.6	46.3
1,652.2	1,744.1	394.5	477.2	101.0	112.6	2,707.9	2,876.3

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

4 **Bilangan pekerja mengikut jenis aktiviti ekonomi dan kemahiran, 2017 & 2021**
Number of persons engaged by kind of economic activity and skill, 2017 & 2021

('000)

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Mahir <i>Skilled</i>		Separuh mahir <i>Semi-skilled</i>	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	26.0	23.0	435.5	352.6
1.1 Tanaman* <i>Crops</i>	18.7	16.7	378.3	303.2
1.2 Ternakan* <i>Livestock</i>	3.0	3.2	28.7	28.7
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	2.6	1.7	16.9	11.2
1.4 Perikanan* <i>Fisheries</i>	1.6	1.5	11.6	9.6
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	26.3	27.3	32.0	28.0
3. Pembuatan <i>Manufacturing</i>	398.8	415.7	1,605.0	1,669.1
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	35.0	36.3	192.4	199.9
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	2.7	2.5	12.2	11.6
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	12.2	11.4	73.1	69.2
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	38.6	39.2	222.1	224.9
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	72.4	79.9	292.5	324.2
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	57.9	60.0	261.9	272.1
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	132.3	136.6	403.1	416.3
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	47.7	49.8	147.6	150.9
4. Pembinaan <i>Construction</i>	138.5	223.1	1,113.4	875.9
5. Perkhidmatan <i>Services</i>	1,383.0	1,156.9	1,810.0	2,115.1
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	20.6	20.4	24.1	22.5
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	9.9	10.5	28.3	28.1
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	490.1	232.7	650.8	924.0
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	79.7	83.6	205.6	211.0
5.5 Penginapan <i>Accommodation</i>	26.7	21.7	55.9	49.4
5.6 Makanan dan minuman <i>Food and beverage</i>	73.6	75.1	229.7	231.5
5.7 Maklumat dan komunikasi <i>Information and communication</i>	132.0	134.0	67.4	79.5
5.8 Kewangan <i>Finance</i>	160.5	165.4	168.0	169.3
5.9 Hartanah <i>Real estate</i>	36.1	38.8	38.4	40.5
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	146.8	157.4	113.0	124.0
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	39.5	39.9	77.3	79.9
5.12 Pendidikan swasta <i>Private education</i>	78.7	84.1	33.1	35.4
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	59.0	68.2	52.4	58.8
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	13.6	9.6	22.8	19.8
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	16.0	15.5	43.3	41.4
Jumlah <i>Total</i>	1,972.5	1,845.9	4,995.9	5,040.7

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017

Refers to technical review of Agricultural sector data for the year 2017

4 Bilangan pekerja mengikut jenis aktiviti ekonomi dan kemahiran, 2017 & 2021 (samb.)
Number of persons engaged by kind of economic activity and skill, 2017 & 2021 (cont.)

('000)

Jenis aktiviti ekonomi Kind of economic activity	Berkemahiran rendah Low-skilled		Jumlah Total	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	42.2	35.5	503.7	411.2
1.1 Tanaman* <i>Crops</i>	36.0	30.1	433.1	349.9
1.2 Ternakan* <i>Livestock</i>	2.8	3.1	34.5	35.0
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	2.1	1.3	21.5	14.2
1.4 Perikanan* <i>Fisheries</i>	1.4	0.9	14.6	12.0
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	8.2	5.7	66.6	60.9
3. Pembuatan <i>Manufacturing</i>	154.4	160.1	2,158.1	2,244.9
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	29.8	30.8	257.3	267.1
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	2.4	2.3	17.3	16.5
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	7.9	7.4	93.2	88.0
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	35.9	35.8	296.7	299.8
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	24.2	27.6	389.1	431.8
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	24.7	25.7	344.5	357.8
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	18.1	18.8	553.5	571.6
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	11.4	11.6	206.7	212.3
4. Pembinaan <i>Construction</i>	47.6	57.7	1,299.4	1,156.6
5. Perkhidmatan <i>Services</i>	944.3	1,140.9	4,137.3	4,412.9
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	5.4	8.0	50.1	51.0
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	13.8	11.1	51.9	49.7
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	242.3	444.5	1,383.2	1,601.2
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	97.4	101.1	382.8	395.7
5.5 Penginapan <i>Accommodation</i>	47.8	43.5	130.4	114.7
5.6 Makanan dan minuman <i>Food and beverage</i>	311.0	313.9	614.3	620.5
5.7 Maklumat dan komunikasi <i>Information and communication</i>	23.8	25.8	223.1	239.3
5.8 Kewangan <i>Finance</i>	25.4	27.3	353.9	362.0
5.9 Hartanah <i>Real estate</i>	10.5	11.2	85.1	90.5
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	42.6	34.8	302.3	316.1
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	61.9	63.7	178.7	183.4
5.12 Pendidikan swasta <i>Private education</i>	14.9	15.9	126.8	135.4
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	10.3	11.2	121.7	138.2
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	16.3	8.6	52.7	38.0
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	20.9	20.2	80.2	77.0
Jumlah <i>Total</i>	1,196.7	1,399.9	8,165.1	8,286.5

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

4a **Bilangan pekerja lelaki mengikut jenis aktiviti ekonomi dan kemahiran, 2017 & 2021**
Number of male employment by kind of economic activity and skill, 2017 & 2021

('000)

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Mahir <i>Skilled</i>		Separuh mahir <i>Semi-skilled</i>	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	23.2	20.3	363.4	292.8
1.1 Tanaman* <i>Crops</i>	17.1	15.0	314.1	250.6
1.2 Ternakan* <i>Livestock</i>	2.5	2.6	23.9	23.9
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	2.1	1.4	14.7	9.6
1.4 Perikanan* <i>Fisheries</i>	1.4	1.3	10.6	8.7
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	21.2	22.7	28.0	23.2
3. Pembuatan <i>Manufacturing</i>	304.5	317.1	1,043.3	1,080.8
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	25.7	26.4	125.6	128.8
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	2.0	1.9	8.4	8.0
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	8.2	7.6	38.1	36.2
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	30.8	31.2	165.1	166.9
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	56.1	61.6	195.8	213.5
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	46.8	48.6	210.7	219.2
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	95.3	98.3	191.2	197.0
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	39.7	41.4	108.3	111.1
4. Pembinaan <i>Construction</i>	116.2	197.1	1,046.9	803.2
5. Perkhidmatan <i>Services</i>	947.2	746.4	862.1	1,096.6
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	17.1	16.3	19.0	17.6
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	7.9	8.0	23.2	23.3
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	375.6	161.9	272.6	492.5
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	62.4	64.7	145.0	147.2
5.5 Penginapan <i>Accommodation</i>	18.3	14.9	29.1	23.3
5.6 Makanan dan minuman <i>Food and beverage</i>	56.5	57.3	117.7	118.3
5.7 Maklumat dan komunikasi <i>Information and communication</i>	91.5	93.0	31.3	35.8
5.8 Kewangan <i>Finance</i>	87.0	89.8	77.5	78.2
5.9 Hartanah <i>Real estate</i>	26.7	28.7	17.7	18.6
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	98.9	103.6	40.1	51.4
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	28.9	29.1	44.1	45.8
5.12 Pendidikan swasta <i>Private education</i>	34.8	37.2	10.5	11.1
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	21.9	25.6	8.7	9.8
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	10.0	7.0	10.7	9.1
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	9.8	9.4	15.0	14.7
Jumlah <i>Total</i>	1,412.3	1,303.5	3,343.7	3,296.6

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017

Refers to technical review of Agricultural sector data for the year 2017

4a Bilangan pekerja lelaki mengikut jenis aktiviti ekonomi dan kemahiran, 2017 & 2021 (samb.)
Number of male employment by kind of economic activity and skill, 2017 & 2021 (cont.)

('000)

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Berkemahiran rendah <i>Low-skilled</i>		Jumlah <i>Total</i>	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	30.7	26.6	417.2	339.8
1.1 Tanaman* <i>Crops</i>	26.2	23.0	357.5	288.6
1.2 Ternakan* <i>Livestock</i>	1.4	1.6	27.8	28.1
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	1.8	1.2	18.7	12.2
1.4 Perikanan* <i>Fisheries</i>	1.2	0.8	13.2	10.8
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	7.3	5.2	56.5	51.1
3. Pembuatan <i>Manufacturing</i>	110.2	114.5	1,458.0	1,512.3
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	19.2	19.7	170.5	174.9
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	1.7	1.6	12.1	11.5
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	4.3	4.1	50.6	48.0
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	26.5	26.3	222.3	224.5
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	18.4	21.0	270.4	296.2
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	20.4	21.3	277.9	289.0
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	11.1	11.5	297.6	306.8
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	8.7	8.9	156.7	161.5
4. Pembinaan <i>Construction</i>	37.2	47.0	1,200.3	1,047.3
5. Perkhidmatan <i>Services</i>	616.9	729.4	2,426.2	2,572.4
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	4.9	7.0	40.9	40.8
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	13.0	10.4	44.1	41.7
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	195.7	314.3	843.9	968.6
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	81.0	83.2	288.4	295.2
5.5 Penginapan <i>Accommodation</i>	27.4	23.6	74.8	61.7
5.6 Makanan dan minuman <i>Food and beverage</i>	156.6	158.5	330.8	334.1
5.7 Maklumat dan komunikasi <i>Information and communication</i>	13.3	14.1	136.1	142.9
5.8 Kewangan <i>Finance</i>	13.6	14.7	178.0	182.6
5.9 Hartanah <i>Real estate</i>	6.4	6.8	50.8	54.2
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	28.0	22.6	167.0	177.7
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	47.0	48.7	120.0	123.6
5.12 Pendidikan swasta <i>Private education</i>	5.8	6.1	51.1	54.4
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	4.3	4.7	34.9	40.1
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	10.4	5.6	31.1	21.7
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	9.4	9.0	34.2	33.1
Jumlah <i>Total</i>	802.2	922.7	5,558.1	5,522.8

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

4b Bilangan pekerja perempuan mengikut jenis aktiviti ekonomi dan kemahiran, 2017 & 2021
Number of female employment by kind of economic activity and skill, 2017 & 2021

('000)

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Mahir <i>Skilled</i>		Separuh mahir <i>Semi-skilled</i>	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	2.8	2.7	72.1	59.8
1.1 Tanaman* <i>Crops</i>	1.6	1.6	64.2	52.6
1.2 Ternakan* <i>Livestock</i>	0.6	0.6	4.7	4.8
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	0.4	0.3	2.2	1.5
1.4 Perikanan* <i>Fisheries</i>	0.2	0.2	1.0	0.9
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	5.1	4.6	4.1	4.8
3. Pembuatan <i>Manufacturing</i>	94.3	98.6	561.7	588.4
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	9.3	9.9	66.8	71.1
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.7	0.7	3.8	3.6
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	4.0	3.7	35.0	33.0
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	7.8	8.0	57.0	58.0
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	16.3	18.3	96.7	110.7
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	11.1	11.4	51.2	52.9
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	37.0	38.3	211.9	219.3
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	8.0	8.3	39.3	39.8
4. Pembinaan <i>Construction</i>	22.3	26.0	66.4	72.7
5. Perkhidmatan <i>Services</i>	435.8	410.5	947.9	1,018.6
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	3.6	4.2	5.1	4.9
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	1.9	2.5	5.1	4.8
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	114.5	70.8	378.2	431.5
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	17.3	18.9	60.6	63.8
5.5 Penginapan <i>Accommodation</i>	8.4	6.9	26.8	26.2
5.6 Makanan dan minuman <i>Food and beverage</i>	17.1	17.8	112.0	113.2
5.7 Maklumat dan komunikasi <i>Information and communication</i>	40.5	41.0	36.1	43.7
5.8 Kewangan <i>Finance</i>	73.5	75.7	90.5	91.1
5.9 Hartanah <i>Real estate</i>	9.4	10.1	20.7	21.9
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	47.9	53.8	72.8	72.6
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	10.6	10.8	33.3	34.1
5.12 Pendidikan swasta <i>Private education</i>	43.9	46.9	22.6	24.3
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	37.1	42.7	43.8	49.0
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	3.7	2.6	12.0	10.8
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	6.2	6.0	28.3	26.8
Jumlah <i>Total</i>	560.2	542.4	1,652.2	1,744.1

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017

Refers to technical review of Agricultural sector data for the year 2017

4b Bilangan pekerja perempuan mengikut jenis aktiviti ekonomi dan kemahiran, 2017 & 2021 (samb.)
Number of female employment by kind of economic activity and skill, 2017 & 2021 (cont.)

('000)

Jenis aktiviti ekonomi <i>Kind of economic activity</i>	Berkemahiran rendah <i>Low-skilled</i>		Jumlah <i>Total</i>	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	11.6	9.0	86.5	71.4
1.1 Tanaman* <i>Crops</i>	9.8	7.2	75.6	61.3
1.2 Ternakan* <i>Livestock</i>	1.4	1.5	6.7	7.0
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	0.2	0.1	2.9	2.0
1.4 Perikanan* <i>Fisheries</i>	0.2	0.1	1.3	1.2
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	1.0	0.5	10.1	9.8
3. Pembuatan <i>Manufacturing</i>	44.2	45.6	700.1	732.5
3.1 Minyak dan lemak daripada sayuran dan haiwan dan prosesan makanan <i>Vegetable and animal oils and fats and food processing</i>	10.6	11.1	86.8	92.2
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.7	0.7	5.2	4.9
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	3.6	3.3	42.6	40.0
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	9.5	9.4	74.3	75.3
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	5.8	6.6	118.8	135.6
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	4.3	4.4	66.6	68.8
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	7.0	7.3	255.9	264.9
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	2.7	2.7	50.0	50.8
4. Pembinaan <i>Construction</i>	10.4	10.7	99.1	109.4
5. Perkhidmatan <i>Services</i>	327.4	411.5	1,711.1	1,840.6
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	0.5	1.0	9.2	10.1
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	0.9	0.7	7.9	8.0
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	46.6	130.2	539.3	632.6
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	16.4	17.9	94.4	100.5
5.5 Penginapan <i>Accommodation</i>	20.4	20.0	55.6	53.0
5.6 Makanan dan minuman <i>Food and beverage</i>	154.4	155.4	283.5	286.4
5.7 Maklumat dan komunikasi <i>Information and communication</i>	10.5	11.7	87.0	96.4
5.8 Kewangan <i>Finance</i>	11.8	12.6	175.8	179.4
5.9 Hartanah <i>Real estate</i>	4.1	4.4	34.3	36.4
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	14.6	12.1	135.3	138.5
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	14.8	15.0	58.7	59.8
5.12 Pendidikan swasta <i>Private education</i>	9.1	9.8	75.6	81.0
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	5.9	6.5	86.9	98.2
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	5.9	3.0	21.6	16.3
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	11.5	11.1	46.0	44.0
Jumlah <i>Total</i>	394.5	477.2	2,607.0	2,763.7

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017

Refers to technical review of Agricultural sector data for the year 2017

5 Bilangan pekerja mengikut jenis aktiviti ekonomi dan negeri, 2017 & 2021
Number of persons engaged by kind of economic activity and state, 2017 & 2021

('000)

Jenis aktiviti ekonomi Kind of economic activity	Johor		Kedah	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	72.4	58.0	14.5	11.8
1.1 Tanaman* <i>Crops</i>	59.7	46.9	12.4	9.5
1.2 Ternakan* <i>Livestock</i>	8.4	8.3	1.1	1.3
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	0.8	1.0	0.2	0.3
1.4 Perikanan* <i>Fisheries</i>	3.5	1.9	0.8	0.7
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	6.0	4.3	1.5	0.6
3. Pembuatan <i>Manufacturing</i>	473.3	452.3	105.2	119.7
3.1 Minyak dan lemak daripada sayuran dan haiwan dan prosesan makanan <i>Vegetable and animal oils and fats and food processing</i>	60.0	57.2	12.1	9.7
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	3.0	2.7	0.7	0.5
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	28.7	28.0	2.7	2.9
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	77.9	68.1	10.5	14.3
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	89.5	93.3	22.1	26.4
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	84.2	77.2	10.5	11.3
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	96.0	94.4	34.8	38.1
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	33.9	31.4	11.9	16.6
4. Pembinaan <i>Construction</i>	251.0	151.2	27.5	27.6
5. Perkhidmatan <i>Services</i>	468.1	514.8	187.2	196.5
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	1.2	2.1	0.4	0.3
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	9.7	10.6	3.5	3.7
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	181.8	224.7	76.4	87.1
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	50.6	53.5	10.1	10.3
5.5 Penginapan <i>Accommodation</i>	10.2	8.5	8.8	8.3
5.6 Makanan dan minuman <i>Food and beverage</i>	91.9	91.3	51.0	49.4
5.7 Maklumat dan komunikasi <i>Information and communication</i>	3.3	3.7	0.5	0.5
5.8 Kewangan <i>Finance</i>	19.9	19.9	4.6	4.6
5.9 Hartanah <i>Real estate</i>	7.7	7.9	1.7	1.8
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	24.7	24.9	5.1	5.3
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	14.7	14.0	6.9	6.6
5.12 Pendidikan swasta <i>Private education</i>	15.6	16.5	6.0	6.4
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	13.8	15.8	6.3	6.9
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	5.6	4.2	2.1	1.6
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	17.4	17.0	3.9	3.7
Jumlah <i>Total</i>	1,270.8	1,180.6	335.9	356.2

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

5 Bilangan pekerja mengikut jenis aktiviti ekonomi dan negeri, 2017 & 2021 (samb.)
Number of persons engaged by kind of economic activity and state, 2017 & 2021 (cont.)

('000)

Kelantan		Melaka		Negeri Sembilan		Pahang		Pulau Pinang	
2017	2021	2017	2021	2017*	2021	2017*	2021	2017*	2021
14.9	9.7	8.0	8.6	18.5	14.1	74.7	52.1	4.6	6.7
13.2	8.7	5.0	4.4	15.2	12.0	70.6	48.7	1.0	2.5
0.1	0.2	2.8	4.1	2.8	1.6	0.9	1.2	2.2	2.8
1.3	0.6	0.1	0.1	0.2	0.2	2.1	1.2	-	0.1
0.2	0.2	0.1	0.1	0.4	0.3	1.1	1.0	1.4	1.2
2.4	2.0	0.8	0.5	0.8	0.9	4.0	3.3	0.3	0.9
21.4	21.6	89.0	91.6	81.0	83.9	46.7	49.9	288.1	309.0
3.5	4.2	10.4	10.3	7.1	7.9	10.2	10.2	18.6	20.9
0.4	0.2	0.4	0.3	1.5	1.3	0.3	0.2	1.1	1.0
3.9	2.2	6.2	5.2	4.0	3.5	1.2	1.0	15.0	16.6
3.7	4.0	8.3	8.7	10.6	10.9	10.7	10.8	23.2	26.6
4.0	4.0	12.1	14.8	16.7	18.8	6.9	8.9	32.8	35.2
3.1	4.1	8.7	9.9	13.6	16.5	7.8	9.0	31.1	35.6
2.2	2.3	32.3	31.4	20.4	16.7	3.3	3.4	145.1	157.8
0.6	0.6	10.8	10.9	7.2	8.3	6.4	6.4	21.2	15.4
17.3	15.3	25.2	19.6	51.9	48.4	60.2	45.7	73.6	73.1
137.1	143.1	143.4	153.8	142.6	147.7	155.8	163.0	308.9	330.3
0.4	0.3	0.5	0.4	0.6	0.7	0.5	0.4	0.7	0.6
0.9	0.9	3.0	3.3	3.8	3.7	2.1	2.1	3.2	3.4
71.5	79.1	61.4	71.8	51.6	56.1	62.3	72.3	114.9	134.1
4.6	4.6	6.2	6.3	9.0	9.4	8.0	8.0	22.2	23.8
2.6	2.8	6.0	4.9	4.1	3.5	14.0	10.8	9.9	9.4
39.8	38.3	32.6	33.3	39.0	38.8	43.2	44.2	58.7	58.9
0.0	0.1	0.7	0.7	0.5	0.5	0.3	0.3	11.2	11.4
1.5	1.5	3.9	3.9	3.7	3.7	3.2	3.3	13.0	13.2
0.3	0.4	1.6	1.8	1.0	1.1	1.4	1.5	6.0	6.3
2.8	2.9	5.8	5.9	5.5	5.6	4.0	4.2	19.4	19.6
2.4	2.2	4.3	4.5	6.9	6.7	3.8	3.6	10.8	11.0
3.8	3.9	5.1	5.3	6.8	7.4	3.7	3.9	8.6	9.2
2.8	3.2	5.8	6.4	5.4	6.1	3.5	4.1	14.2	16.2
0.9	0.6	2.9	1.7	1.6	1.3	2.4	1.4	3.9	2.6
2.6	2.5	3.7	3.6	3.2	3.1	3.3	3.0	12.2	10.7
193.1	191.7	266.4	274.1	294.8	295.0	341.4	313.9	675.5	720.0

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

5 Bilangan pekerja mengikut jenis aktiviti ekonomi dan negeri, 2017 & 2021 (samb.)
Number of persons engaged by kind of economic activity and state, 2017 & 2021 (cont.)

('000)

Jenis aktiviti ekonomi Kind of economic activity	Perak		Perlis		Selangor	
	2017	2021	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	47.1	38.5	0.1	0.3	29.5	37.5
1.1 Tanaman* <i>Crops</i>	35.3	29.1	0.1	0.2	25.2	33.0
1.2 Ternakan* <i>Livestock</i>	7.7	5.2	0.0	0.1	3.4	3.3
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	0.7	0.7	-	-	0.1	0.2
1.4 Perikanan* <i>Fisheries</i>	3.3	3.5	0.0	0.1	0.9	1.0
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	2.3	3.9	0.2	0.2	12.0	12.9
3. Pembuatan <i>Manufacturing</i>	143.2	148.0	6.4	6.4	661.7	720.6
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	21.2	21.4	1.4	1.7	61.3	71.1
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	0.9	0.7	0.0	0.0	6.6	7.0
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	9.0	6.6	0.4	0.3	17.9	19.2
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	12.1	12.1	0.2	0.2	72.6	77.3
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	40.4	43.6	3.5	2.8	129.5	161.8
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	21.7	23.8	0.7	0.8	124.0	123.1
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	27.5	27.8	0.0	0.5	171.4	179.1
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	10.3	12.0	0.1	0.1	78.5	81.9
4. Pembinaan <i>Construction</i>	53.0	63.2	5.3	4.8	333.3	304.5
5. Perkhidmatan <i>Services</i>	285.4	299.1	24.3	27.2	1,367.6	1,496.8
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	1.3	1.7	0.2	0.1	3.6	5.8
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	1.7	1.7	0.2	0.2	12.6	9.6
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	136.3	150.2	8.3	10.8	422.3	518.1
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	14.0	14.2	1.4	1.5	195.1	206.1
5.5 Penginapan <i>Accommodation</i>	6.9	5.7	0.5	0.5	15.5	13.7
5.6 Makanan dan minuman <i>Food and beverage</i>	65.5	65.3	8.0	8.3	241.2	245.5
5.7 Maklumat dan komunikasi <i>Information and communication</i>	1.1	1.1	0.0	0.0	91.6	101.4
5.8 Kewangan <i>Finance</i>	7.3	7.3	2.2	2.2	68.8	70.2
5.9 Hartanah <i>Real estate</i>	3.5	3.7	0.1	0.1	26.4	28.7
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	9.0	9.2	0.5	0.6	113.2	117.6
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	7.9	8.3	0.9	0.9	58.8	62.4
5.12 Pendidikan swasta <i>Private education</i>	7.8	8.0	0.8	0.8	43.1	46.3
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	10.3	11.4	0.4	0.5	34.8	39.3
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	4.4	2.9	0.2	0.2	15.7	10.5
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	8.4	8.2	0.5	0.4	24.8	21.7
Jumlah <i>Total</i>	531.0	552.7	36.3	39.0	2,404.2	2,572.4

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

5 Bilangan pekerja mengikut jenis aktiviti ekonomi dan negeri, 2017 & 2021 (samb.)
Number of persons engaged by kind of economic activity and state, 2017 & 2021 (cont.)

('000)

Terengganu		Sabah		Sarawak		Wilayah Persekutuan**		Supra***	
2017	2021	2017	2021	2017	2021	2017	2021	2017	2021
22.7	21.0	178.7	156.7	113.0	81.5	0.2	0.1	n.a	n.a
21.5	20.3	166.7	146.5	98.2	70.2	0.2	0.1	n.a	n.a
0.2	0.1	4.2	4.6	2.2	3.6	0.0	-	n.a	n.a
0.4	0.3	4.7	3.1	12.1	7.1	-	-	n.a	n.a
0.6	0.3	3.1	2.4	0.6	0.6	-	0.0	n.a	n.a
1.1	1.4	6.5	4.3	9.5	10.9	8.8	5.7	10.5	9.3
26.6	24.7	68.1	70.2	101.3	106.3	103.0	99.3	n.a	n.a
3.5	3.2	28.8	27.3	18.0	18.5	18.0	19.7	n.a	n.a
0.1	0.1	0.8	1.0	1.2	1.3	1.1	0.7	n.a	n.a
3.5	3.0	2.8	2.4	2.3	1.9	10.1	6.3	n.a	n.a
3.6	3.6	18.1	18.2	34.9	34.8	14.6	14.1	n.a	n.a
10.4	7.6	3.9	4.9	6.0	6.1	13.8	14.0	n.a	n.a
2.6	4.0	8.7	11.6	19.4	23.7	16.6	15.2	n.a	n.a
0.2	0.2	0.7	0.8	10.1	10.4	11.7	10.8	n.a	n.a
2.7	3.1	4.2	4.1	9.5	9.8	17.0	18.5	n.a	n.a
35.8	32.3	64.2	64.4	91.4	90.9	240.6	249.0	n.a	n.a
103.0	108.5	271.1	289.0	300.1	321.4	1,274.1	1,326.3	n.a	n.a
0.6	0.8	5.3	5.4	5.2	5.9	30.0	26.4	n.a	n.a
0.8	0.9	1.7	1.7	2.8	2.7	6.7	6.3	n.a	n.a
40.7	45.2	111.8	134.2	122.7	141.6	402.8	426.6	n.a	n.a
6.0	6.3	28.8	29.1	35.4	36.1	46.4	48.3	n.a	n.a
5.1	4.6	16.9	14.1	11.2	10.4	27.8	24.5	n.a	n.a
32.8	33.2	50.7	50.1	55.4	54.4	149.2	157.8	n.a	n.a
0.2	0.2	1.0	1.2	2.8	3.0	112.5	117.5	n.a	n.a
1.8	1.8	8.5	8.6	10.9	10.9	208.8	215.8	n.a	n.a
0.5	0.5	4.1	4.3	4.7	5.3	29.0	30.8	n.a	n.a
3.3	3.4	9.4	9.8	14.2	14.7	116.1	123.5	n.a	n.a
3.9	4.1	8.2	8.7	9.1	9.4	55.3	56.5	n.a	n.a
2.9	3.1	6.5	7.1	10.3	10.9	24.0	26.4	n.a	n.a
2.0	2.3	5.2	5.9	5.9	6.7	26.7	30.8	n.a	n.a
1.1	0.9	6.7	2.5	3.4	2.8	12.6	10.5	n.a	n.a
1.3	1.3	6.4	6.4	6.3	6.7	26.0	24.5	n.a	n.a
189.2	187.9	588.6	584.6	615.3	610.9	1,626.6	1,680.4	10.5	9.3

Nota / Note :

** Termasuk Wilayah Persekutuan Kuala Lumpur, Labuan dan Putrajaya

Includes Federal Territory of Kuala Lumpur, Labuan and Putrajaya

*** Merangkumi aktiviti pengeluaran yang melangkaui pusat kepentingan ekonomi utama bagi mana-mana negeri

Comprises of production activities that beyond the centre of predominant economic interest for any state

6 Gaji & upah pekerja mengikut jenis aktiviti ekonomi dan kategori pekerja, 2017 & 2021
Salaries & wages of employees by kind of economic activity and category of employment, 2017 & 2021

(RM juta/million)

Jenis aktiviti ekonomi Kind of economic activity	Pekerja sepenuh masa Full-time employees			
	Jumlah Total		Pengurus, profesional dan penyelidik Managers, professionals and researchers	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	8,768.5	8,046.6	1,198.6	573.2
1.1 Tanaman* <i>Crops</i>	7,001.9	6,421.0	792.4	365.9
1.2 Ternakan* <i>Livestock</i>	798.7	877.2	177.6	98.3
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	643.5	419.5	153.2	57.8
1.4 Perikanan* <i>Fisheries</i>	324.4	329.0	75.4	51.2
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	8,134.5	7,164.6	4,908.6	4,151.5
3. Pembuatan <i>Manufacturing</i>	74,651.9	89,126.6	23,289.7	28,124.0
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	7,999.7	9,425.6	2,178.3	2,590.0
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	603.7	556.2	219.7	199.2
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	2,408.9	2,184.5	515.7	477.2
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	8,450.4	8,462.0	2,089.1	2,098.8
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	14,618.1	19,354.4	4,598.2	5,996.2
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	11,495.1	13,409.7	3,334.2	3,890.7
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	21,607.3	27,610.7	8,095.4	10,397.6
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	7,468.8	8,123.5	2,259.0	2,474.2
4. Pembinaan <i>Construction</i>	39,106.1	33,225.2	8,863.7	10,494.7
5. Perkhidmatan <i>Services</i>	149,289.8	177,254.3	66,875.6	77,820.1
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	3,879.3	3,877.0	1,518.7	1,680.2
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	1,637.1	1,765.6	422.0	509.2
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	47,348.1	68,464.7	17,596.0	24,498.9
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	16,164.1	15,493.4	5,039.1	5,013.4
5.5 Penginapan <i>Accommodation</i>	3,469.8	2,851.0	1,213.8	860.6
5.6 Makanan dan minuman <i>Food and beverage</i>	11,454.4	13,723.3	2,575.7	2,964.5
5.7 Maklumat dan komunikasi <i>Information and communication</i>	13,726.8	14,748.8	8,789.5	9,726.1
5.8 Kewangan <i>Finance</i>	19,777.0	22,066.8	13,217.8	14,775.5
5.9 Hartanah <i>Real estate</i>	3,218.7	3,368.2	1,659.2	1,736.3
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	11,456.5	12,188.8	6,441.9	6,915.3
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	4,723.8	4,956.2	1,624.3	1,631.0
5.12 Pendidikan swasta <i>Private education</i>	4,813.8	5,376.2	3,383.4	3,747.9
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	4,395.5	5,537.3	2,290.2	2,870.2
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	1,524.5	1,222.2	639.3	438.7
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	1,700.3	1,614.8	464.8	452.4
Jumlah <i>Total</i>	279,950.8	314,817.3	105,136.2	121,163.5

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

6 Gaji & upah pekerja mengikut jenis aktiviti ekonomi dan kategori pekerja, 2017 & 2021 (samb.)
Salaries & wages of employees by kind of economic activity and category of employment, 2017 & 2021 (cont.)

(RM juta/million)

Pekerja sepenuh masa Full-time employees						Pekerja sambilan Part-time employees		Jumlah gaji & upah Total salaries & wages	
Juruteknik dan profesional bersekutu Technicians and associate professionals		Perkeranian dan pekerjaan yang berkaitan Clerical and elated occupations		Pekerja asas Elementary occupation					
2017	2021	2017	2021	2017	2021	2017	2021	2017	2021
329.4	259.7	6,731.1	6,668.7	509.4	544.9	52.9	68.3	8,821.3	8,114.9
233.6	183.3	5,560.8	5,431.6	415.1	440.1	35.1	42.0	7,037.0	6,462.9
39.4	35.5	536.8	685.0	44.8	58.4	3.9	6.8	802.6	883.9
39.1	23.7	423.1	310.4	28.1	27.6	9.5	11.3	652.9	430.8
17.4	17.2	210.4	241.7	21.4	18.8	18,813.4	8.3	328.9	337.3
1,843.2	1,791.6	1,219.4	1,082.3	163.3	139.2	4.4	-	8,138.9	7,164.6
9,507.4	11,498.0	38,972.3	46,202.6	2,882.5	3,302.0	228.7	383.3	74,880.6	89,509.9
680.3	787.5	4,594.2	5,399.4	546.9	648.6	52.3	78.6	8,051.9	9,504.1
55.9	51.4	285.9	266.1	42.2	39.5	4.5	4.2	608.2	560.4
245.0	228.3	1,510.1	1,355.5	138.1	123.5	42.0	35.2	2,450.9	2,219.8
753.1	755.9	4,948.9	4,954.4	659.2	652.9	26.9	26.1	8,477.2	8,488.1
2,161.1	2,836.3	7,406.9	9,913.0	451.9	608.8	19.1	132.5	14,637.2	19,486.9
1,269.5	1,474.0	6,420.5	7,486.2	470.8	558.7	36.1	54.8	11,531.2	13,464.5
3,232.9	4,172.2	9,927.7	12,609.4	351.3	431.5	22.4	26.0	21,629.7	27,636.7
1,109.6	1,192.4	3,878.0	4,218.5	222.1	238.4	25.5	25.8	7,494.2	8,149.4
3,343.8	3,443.6	25,862.6	18,025.1	1,035.9	1,261.8	88.4	154.5	39,194.5	33,379.7
19,807.6	16,859.4	45,644.7	60,617.7	16,961.8	21,957.1	2,888.9	3,192.8	152,178.7	180,447.1
1,088.2	907.4	1,147.9	1,046.7	124.6	242.7	0.8	0.5	3,880.2	3,877.5
217.0	197.3	741.2	821.9	256.8	237.3	0.8	9.3	1,637.9	1,774.9
8,345.0	4,850.5	16,398.0	30,071.9	5,009.0	9,043.4	1,539.0	1,613.5	48,887.1	70,078.2
1,979.9	1,996.3	6,708.5	6,354.2	2,436.7	2,129.6	81.8	80.8	16,245.9	15,574.3
292.6	249.5	1,210.1	1,081.6	753.4	659.3	59.0	39.5	3,528.8	2,890.5
180.9	222.8	4,125.3	4,885.5	4,572.6	5,650.4	767.9	995.4	12,222.3	14,718.7
2,548.1	2,576.0	1,899.1	1,946.5	490.2	500.2	24.5	25.8	13,751.3	14,774.6
1,747.4	1,951.1	4,308.0	4,781.9	503.8	558.3	47.0	48.1	19,824.0	22,114.8
225.3	235.7	1,173.8	1,228.2	160.5	167.9	23.0	24.0	3,241.7	3,392.2
1,381.6	1,616.4	2,938.1	2,976.7	694.9	680.3	73.0	70.3	11,529.5	12,259.1
353.2	395.4	1,732.1	1,802.8	1,014.2	1,127.0	56.7	63.2	4,780.5	5,019.4
403.5	444.9	812.3	922.4	214.6	261.0	87.8	101.1	4,901.6	5,477.3
803.2	983.2	1,162.9	1,462.9	139.2	221.0	37.4	62.0	4,432.9	5,599.3
123.7	122.8	483.6	480.9	277.9	179.9	38.9	11.5	1,563.4	1,233.7
118.1	110.1	803.9	753.5	313.6	298.9	51.4	47.8	1,751.7	1,662.6
34,831.5	33,852.3	118,544.5	132,596.5	21,552.9	27,205.0	3,263.2	3,798.8	283,214.1	318,616.1

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

7 **Gaji & upah pekerja mengikut jenis aktiviti ekonomi dan kemahiran, 2017 & 2021**
Salaries & wages of employees by kind of economic activity and skill, 2017 & 2021

(RM juta/million)

Jenis aktiviti ekonomi Kind of economic activity	Mahir Skilled		Separuh mahir Semi-skilled	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	1,528.0	833.0	6,731.1	6,668.7
1.1 Tanaman* <i>Crops</i>	1,025.9	549.2	5,560.8	5,431.6
1.2 Ternakan* <i>Livestock</i>	217.1	133.8	536.8	685.0
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	192.3	81.5	423.1	310.4
1.4 Perikanan* <i>Fisheries</i>	92.7	68.5	210.4	241.7
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	6,751.8	5,943.1	1,219.4	1,082.3
3. Pembuatan <i>Manufacturing</i>	32,797.1	39,622.0	38,972.3	46,202.6
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	2,858.6	3,377.5	4,594.2	5,399.4
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	275.7	250.6	285.9	266.1
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	760.7	705.5	1,510.1	1,355.5
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	2,842.2	2,854.6	4,948.9	4,954.4
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	6,759.3	8,832.5	7,406.9	9,913.0
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	4,603.7	5,364.7	6,420.5	7,486.2
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	11,328.3	14,569.8	9,927.7	12,609.4
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	3,368.6	3,666.6	3,878.0	4,218.5
4. Pembinaan <i>Construction</i>	12,207.5	13,938.3	25,862.6	18,025.1
5. Perkhidmatan <i>Services</i>	86,683.2	94,679.4	45,644.7	60,617.7
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	2,606.9	2,587.6	1,147.9	1,046.7
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	639.1	706.4	741.2	821.9
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	25,941.0	29,349.4	16,398.0	30,071.9
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	7,019.0	7,009.7	6,708.5	6,354.2
5.5 Penginapan <i>Accommodation</i>	1,506.3	1,110.1	1,210.1	1,081.6
5.6 Makanan dan minuman <i>Food and beverage</i>	2,756.6	3,187.3	4,125.3	4,885.5
5.7 Maklumat dan komunikasi <i>Information and communication</i>	11,337.5	12,302.1	1,899.1	1,946.5
5.8 Kewangan <i>Finance</i>	14,965.2	16,726.6	4,308.0	4,781.9
5.9 Hartanah <i>Real estate</i>	1,884.5	1,972.0	1,173.8	1,228.2
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	7,823.5	8,531.7	2,938.1	2,976.7
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	1,977.5	2,026.4	1,732.1	1,802.8
5.12 Pendidikan swasta <i>Private education</i>	3,786.9	4,192.8	812.3	922.4
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	3,093.4	3,853.4	1,162.9	1,462.9
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	762.9	561.4	483.6	480.9
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	582.9	562.5	803.9	753.5
Jumlah <i>Total</i>	139,967.7	155,015.8	118,430.1	132,596.5

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
 Refers to technical review of Agricultural sector data for the year 2017

7 Gaji & upah pekerja mengikut jenis aktiviti ekonomi dan kemahiran, 2017 & 2021 (samb.)
Salaries & wages of employees by kind of economic activity and skill, 2017 & 2021 (cont.)

(RM juta/million)

Jenis aktiviti ekonomi Kind of economic activity	Berkemahiran rendah Low-skilled		Jumlah Total	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	509.4	544.9	8,768.5	8,046.6
1.1 Tanaman* <i>Crops</i>	415.1	440.1	7,001.9	6,421.0
1.2 Ternakan* <i>Livestock</i>	44.8	58.4	798.7	877.2
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	28.1	27.6	643.5	419.5
1.4 Perikanan* <i>Fisheries</i>	21.4	18.8	324.4	329.0
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	163.3	139.2	8,134.5	7,164.6
3. Pembuatan <i>Manufacturing</i>	2,882.5	3,302.0	74,651.9	89,126.6
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	546.9	648.6	7,999.7	9,425.6
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	42.2	39.5	603.7	556.2
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	138.1	123.5	2,408.9	2,184.5
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	659.2	652.9	8,450.4	8,462.0
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	451.9	608.8	14,618.1	19,354.4
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	470.8	558.7	11,495.1	13,409.7
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	351.3	431.5	21,607.3	27,610.7
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	222.1	238.4	7,468.8	8,123.5
4. Pembinaan <i>Construction</i>	1,035.9	1,261.8	39,106.1	33,225.2
5. Perkhidmatan <i>Services</i>	16,961.8	21,957.1	149,289.8	177,254.3
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	124.6	242.7	3,879.3	3,877.0
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	256.8	237.3	1,637.1	1,765.6
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	5,009.0	9,043.4	47,348.1	68,464.7
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	2,436.7	2,129.6	16,164.1	15,493.4
5.5 Penginapan <i>Accommodation</i>	753.4	659.3	3,469.8	2,851.0
5.6 Makanan dan minuman <i>Food and beverage</i>	4,572.6	5,650.4	11,454.4	13,723.3
5.7 Maklumat dan komunikasi <i>Information and communication</i>	490.2	500.2	13,726.8	14,748.8
5.8 Kewangan <i>Finance</i>	503.8	558.3	19,777.0	22,066.8
5.9 Hartanah <i>Real estate</i>	160.5	167.9	3,218.7	3,368.2
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	694.9	680.3	11,456.5	12,188.8
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	1,014.2	1,127.0	4,723.8	4,956.2
5.12 Pendidikan swasta <i>Private education</i>	214.6	261.0	4,813.8	5,376.2
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	139.2	221.0	4,395.5	5,537.3
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	277.9	179.9	1,524.5	1,222.2
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	313.6	298.9	1,700.3	1,614.8
Jumlah <i>Total</i>	21,552.9	27,205.0	279,950.8	314,817.3

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

8 **Gaji & upah pekerja mengikut jenis aktiviti ekonomi dan negeri, 2017 & 2021**
Salaries & wages of employees by kind of economic activity and state, 2017 & 2021

(RM juta/million)

Jenis aktiviti ekonomi Kind of economic activity	Johor		Kedah	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	1,291.0	1,116.3	198.2	173.6
1.1 Tanaman* <i>Crops</i>	1,009.6	851.0	161.5	125.5
1.2 Ternakan* <i>Livestock</i>	196.5	187.3	19.4	28.0
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	16.9	23.7	3.5	5.0
1.4 Perikanan* <i>Fisheries</i>	68.1	54.3	13.9	15.0
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	258.0	156.9	16.2	20.6
3. Pembuatan <i>Manufacturing</i>	13,770.6	15,664.5	3,258.0	4,358.4
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	1,685.9	1,980.4	248.3	287.4
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	93.5	105.8	12.4	9.8
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	515.1	523.8	58.4	78.3
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	1,458.7	1,496.3	243.9	284.2
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	3,461.1	3,285.0	620.6	966.5
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	2,495.9	2,900.4	298.1	356.3
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	3,116.8	4,310.0	1,455.6	1,963.3
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	943.6	1,062.7	320.6	412.8
4. Pembinaan <i>Construction</i>	6,975.3	3,838.8	741.3	707.7
5. Perkhidmatan <i>Services</i>	11,041.5	13,918.3	3,212.4	3,858.1
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	63.4	212.3	12.5	17.7
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	246.1	277.4	87.6	94.9
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	4,159.5	6,179.6	1,349.3	1,858.3
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	1,524.9	1,522.8	199.3	187.3
5.5 Penginapan <i>Accommodation</i>	269.0	213.8	235.8	211.8
5.6 Makanan dan minuman <i>Food and beverage</i>	1,231.4	1,590.9	400.8	477.9
5.7 Maklumat dan komunikasi <i>Information and communication</i>	92.2	113.0	14.4	17.0
5.8 Kewangan <i>Finance</i>	1,060.0	1,210.6	235.7	271.5
5.9 Hartanah <i>Real estate</i>	294.3	284.8	54.9	55.1
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	699.0	725.4	132.3	136.5
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	305.2	301.6	129.0	132.6
5.12 Pendidikan swasta <i>Private education</i>	358.6	405.5	135.5	152.8
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	395.7	562.0	154.5	181.8
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	115.2	103.4	34.7	24.9
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	227.0	215.4	36.1	37.8
Jumlah <i>Total</i>	33,336.4	34,694.8	7,426.2	9,118.4

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
 Refers to technical review of Agricultural sector data for the year 2017

Kelantan		Melaka		Negeri Sembilan		Pahang		Pulau Pinang	
2017	2021	2017	2021	2017	2021	2017	2021	2017	2021
231.2	155.3	145.7	200.6	307.2	245.6	983.2	729.4	101.8	151.6
197.6	135.2	86.7	90.3	223.5	196.8	874.3	647.4	13.2	49.6
3.6	4.4	56.9	106.4	72.1	38.8	16.1	21.0	58.3	72.4
25.4	13.1	1.0	1.2	4.1	4.2	70.1	39.4	-	2.8
4.6	2.5	1.0	2.7	7.5	5.8	22.8	21.7	30.3	26.8
94.1	71.1	21.0	12.9	29.2	30.7	188.5	122.1	59.8	27.8
376.5	447.3	3,250.2	4,089.4	3,081.9	3,662.6	1,607.1	1,953.7	12,164.6	15,270.6
59.0	72.5	258.5	306.2	300.0	346.0	267.2	290.1	511.7	645.7
3.9	1.3	4.2	3.2	81.4	75.4	6.5	6.6	24.6	21.8
37.4	32.1	144.8	145.0	78.8	71.9	13.1	11.2	439.1	395.5
75.0	80.5	262.4	280.6	343.5	352.0	273.3	277.7	867.5	955.5
67.3	91.3	672.4	1,024.5	686.1	973.4	467.1	677.0	1,287.6	1,745.8
61.8	75.4	256.9	305.1	481.3	577.3	271.5	344.0	1,062.1	1,270.4
64.6	85.5	1,292.2	1,633.4	848.4	981.3	102.4	129.9	7,235.2	9,426.7
7.5	8.7	358.8	391.5	262.6	285.3	205.9	217.1	736.7	809.0
473.8	395.7	678.3	499.3	1,401.6	1,214.1	1,666.8	1,192.7	2,150.0	1,922.3
1,516.3	1,800.9	3,012.2	3,562.5	2,755.7	3,204.0	2,814.8	3,264.0	7,502.5	8,957.0
10.6	7.7	35.9	28.4	31.5	39.5	13.1	11.5	21.6	18.6
25.8	27.8	61.6	71.8	92.2	93.4	82.8	82.2	113.1	121.1
829.8	1,049.2	1,326.5	1,810.8	992.9	1,320.5	1,112.0	1,548.5	2,749.3	3,814.3
65.6	57.9	144.8	131.2	213.5	210.9	213.8	199.7	649.3	651.1
43.5	37.6	145.9	86.7	107.1	71.2	341.1	288.9	281.7	271.1
218.6	271.1	267.9	318.5	353.7	409.2	378.2	443.6	702.8	877.3
0.9	1.2	14.5	15.6	15.9	18.5	9.1	10.9	329.1	352.7
74.4	83.8	215.4	240.6	185.0	199.0	183.4	195.3	757.7	822.6
9.1	8.7	52.9	57.0	35.5	37.3	39.2	41.1	197.2	202.1
59.2	62.4	149.9	152.3	143.3	144.2	99.9	105.2	546.1	550.3
28.4	28.7	77.4	80.4	126.9	118.9	64.2	61.7	212.9	231.2
64.7	68.2	237.6	251.9	232.7	267.4	104.2	118.3	221.1	239.8
62.2	78.2	185.5	226.2	164.5	214.3	92.1	107.7	499.4	616.8
9.0	4.3	53.8	48.5	28.9	27.2	54.4	21.2	69.5	59.9
14.5	14.2	42.8	42.6	32.1	32.5	27.3	28.2	151.7	128.0
2,691.9	2,870.2	7,107.3	8,364.7	7,575.7	8,357.0	7,260.4	7,261.9	21,978.6	26,329.3

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
 Refers to technical review of Agricultural sector data for the year 2017

8 Gaji & upah pekerja mengikut jenis aktiviti ekonomi dan negeri, 2017 & 2021 (samb.)
Salaries & wages of employees by kind of economic activity and state, 2017 & 2021 (cont.)

(RM juta/million)

Jenis aktiviti ekonomi Kind of economic activity	Perak		Perlis		Selangor	
	2017	2021	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	742.5	635.1	1.9	5.0	455.0	696.8
1.1 Tanaman* <i>Crops</i>	472.7	388.3	0.9	1.9	345.7	550.2
1.2 Ternakan* <i>Livestock</i>	166.1	131.1	0.2	1.1	87.8	108.9
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	22.0	15.0	-	-	1.3	7.4
1.4 Perikanan* <i>Fisheries</i>	81.7	100.7	0.8	2.0	20.2	30.2
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	87.6	129.7	9.9	6.3	459.1	538.1
3. Pembuatan <i>Manufacturing</i>	3,930.2	4,793.3	145.8	182.8	24,049.9	28,453.9
3.1 Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	582.2	639.2	32.3	47.2	2,320.0	2,848.7
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	32.8	29.2	0.5	0.3	272.0	239.4
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	136.4	108.7	4.5	4.2	655.2	567.7
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	250.7	243.8	2.8	3.1	2,875.4	2,640.3
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	869.4	1,260.7	72.8	78.3	4,481.2	6,805.7
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	764.1	922.7	29.8	38.8	4,367.5	4,826.8
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	988.9	1,257.7	0.6	8.2	5,736.5	6,912.1
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	305.5	331.3	2.6	2.8	3,342.2	3,613.2
4. Pembinaan <i>Construction</i>	1,465.2	1,716.9	101.8	87.7	10,810.7	9,603.1
5. Perkhidmatan <i>Services</i>	5,287.0	6,550.8	408.4	502.3	47,971.0	58,211.9
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	89.1	173.4	17.5	12.4	198.0	655.6
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	63.2	68.7	5.5	5.9	397.8	454.9
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2,460.0	3,428.7	125.0	194.7	13,948.6	21,803.2
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	326.0	310.8	23.5	21.2	9,315.8	8,990.0
5.5 Penginapan <i>Accommodation</i>	138.8	113.8	7.9	7.2	418.5	348.5
5.6 Makanan dan minuman <i>Food and beverage</i>	635.7	731.3	69.0	82.0	4,062.6	4,884.5
5.7 Maklumat dan komunikasi <i>Information and communication</i>	38.4	42.3	0.8	1.0	5,413.2	5,532.7
5.8 Kewangan <i>Finance</i>	398.4	425.0	105.5	117.8	3,509.5	3,990.2
5.9 Hartanah <i>Real estate</i>	108.2	110.8	3.2	3.4	1,104.9	1,190.1
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	224.5	235.3	9.5	10.5	4,174.0	4,433.1
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	120.6	132.1	15.9	17.1	1,612.9	1,710.5
5.12 Pendidikan swasta <i>Private education</i>	254.8	278.0	12.0	12.3	1,780.3	1,947.2
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	278.4	349.0	8.6	13.1	1,215.0	1,545.0
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	70.7	72.2	1.9	0.9	431.4	328.3
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	80.3	79.2	2.6	2.8	388.7	398.0
Jumlah <i>Total</i>	11,512.6	13,825.9	667.8	784.1	83,745.6	97,503.7

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

Terengganu		Sabah		Sarawak		Wilayah Persekutuan**		Supra***	
2017	2021	2017	2021	2017	2021	2017	2021	2017	2021
199.6	195.2	2,257.3	2,076.1	1,903.3	1,731.9	3.3	2.4	n.a	n.a
175.1	177.7	2,029.0	1,854.3	1,443.8	1,392.4	3.2	2.3	n.a	n.a
3.1	1.9	71.9	103.8	50.5	78.8	0.1	-	n.a	n.a
9.4	7.1	101.9	65.5	397.4	246.4	-	-	n.a	n.a
12.0	8.5	54.5	52.6	11.6	14.3	0.0	0.1	n.a	n.a
64.5	76.5	795.6	641.2	1,586.4	1,790.7	1,163.6	580.9	3,305.4	2,959.2
1,176.4	1,470.0	1,489.2	1,624.6	3,062.5	3,657.5	3,517.6	3,881.3	n.a	n.a
53.8	57.7	644.4	665.9	478.7	552.3	610.0	764.8	n.a	n.a
2.2	2.2	14.0	14.1	30.5	33.6	29.7	17.7	n.a	n.a
35.2	29.1	37.1	42.7	27.9	26.7	267.9	182.9	n.a	n.a
77.1	91.4	362.2	350.8	869.9	929.1	514.8	502.7	n.a	n.a
867.5	1,116.5	84.4	125.6	460.3	629.2	539.3	707.3	n.a	n.a
65.5	81.8	227.0	309.4	569.4	742.7	580.5	713.4	n.a	n.a
6.2	6.1	15.0	15.0	362.3	480.0	405.0	427.4	n.a	n.a
68.8	85.2	105.2	100.9	263.8	263.8	570.4	565.1	n.a	n.a
1,133.8	1,009.9	1,600.6	1,607.6	2,630.0	2,522.9	7,365.4	7,061.0	n.a	n.a
1,521.6	1,801.6	5,412.7	6,278.9	6,942.9	8,150.9	52,779.6	60,385.8	n.a	n.a
21.0	22.7	284.7	280.3	336.3	418.1	2,744.9	1,979.1	n.a	n.a
27.8	33.1	64.3	72.2	98.2	105.9	271.8	265.6	n.a	n.a
585.3	797.3	2,053.6	2,894.5	2,577.6	3,640.1	14,617.5	19,738.4	n.a	n.a
150.6	140.9	605.0	529.8	1,000.0	885.2	1,813.8	1,735.4	n.a	n.a
98.9	89.6	291.2	220.6	230.4	157.3	918.9	772.3	n.a	n.a
230.0	273.0	526.6	632.1	598.4	677.9	2,546.8	3,049.4	n.a	n.a
5.4	6.3	26.2	29.3	78.4	86.5	7,713.1	8,547.6	n.a	n.a
95.4	104.2	479.1	527.5	616.6	672.7	11,907.9	13,253.9	n.a	n.a
16.2	16.9	130.6	134.4	171.3	187.8	1,024.2	1,062.8	n.a	n.a
86.7	89.8	304.6	316.5	470.2	470.0	4,430.4	4,827.6	n.a	n.a
59.2	67.0	189.2	200.4	175.4	206.4	1,663.4	1,730.7	n.a	n.a
78.5	86.5	152.3	171.0	266.5	291.6	1,002.9	1,186.7	n.a	n.a
39.4	50.4	129.5	159.9	174.2	214.6	1,033.9	1,280.3	n.a	n.a
17.7	13.9	108.9	41.7	59.2	47.6	507.9	439.8	n.a	n.a
9.3	9.9	66.7	68.8	90.2	89.0	582.3	516.3	n.a	n.a
4,096.0	4,553.2	11,555.4	12,228.4	16,125.0	17,853.9	64,829.5	71,911.5	3,305.4	2,959.2

Nota / Note :

** Termasuk Wilayah Persekutuan Kuala Lumpur, Labuan dan Putrajaya

Includes Federal Territory of Kuala Lumpur, Labuan and Putrajaya

*** Merangkumi aktiviti pengeluaran yang melangkaui pusat kepentingan ekonomi utama bagi mana-mana negeri

Comprises of production activities that beyond the centre of predominant economic interest for any state

9 Purata gaji & upah bulanan mengikut jenis aktiviti ekonomi dan kategori pekerja, 2017 & 2021
Average monthly salaries & wages by kind of economic activity and category of employment, 2017 & 2021

(RM)

Jenis aktiviti ekonomi Kind of economic activity	Pekerja sepenuh masa Full-time employees			
	Jumlah pekerja sepenuh masa Total full-time employees		Pengurus, profesional dan penyelidik Managers, professionals and researchers	
	2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>	1,451	1,631	6,268	3,306
1.1 Tanaman* <i>Crops</i>	1,347	1,529	6,010	3,037
1.2 Ternakan* <i>Livestock</i>	1,928	2,086	6,967	3,650
1.3 Perhutanan dan pembalakan <i>Forestry and logging</i>	2,490	2,461	7,807	4,223
1.4 Perikanan* <i>Fisheries</i>	1,853	2,290	5,290	4,174
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>	10,178	9,800	27,420	22,946
3. Pembuatan <i>Manufacturing</i>	2,883	3,309	9,406	10,880
3.1 Minyak dan lemak daripada sayuran dan haiwan dan prosesan makanan <i>Vegetable and animal oils and fats and food processing</i>	2,591	2,941	8,814	9,982
3.2 Minuman dan produk tembakau <i>Beverages and tobacco products</i>	2,916	2,817	11,139	10,697
3.3 Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	2,153	2,068	7,057	6,969
3.4 Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	2,374	2,352	8,138	8,035
3.5 Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	3,131	3,735	10,511	12,396
3.6 Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	2,781	3,123	9,020	10,131
3.7 Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	3,253	4,025	10,228	12,728
3.8 Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	3,012	3,189	8,043	8,456
4. Pembinaan <i>Construction</i>	2,508	2,394	9,681	6,953
5. Perkhidmatan <i>Services</i>	3,007	3,347	6,211	7,612
5.1 Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	6,451	6,340	13,795	15,198
5.2 Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	2,626	2,959	7,113	7,268
5.3 Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2,853	3,563	6,005	12,155
5.4 Pengangkutan dan penyimpanan <i>Transportation and storage</i>	3,519	3,263	9,071	8,600
5.5 Penginapan <i>Accommodation</i>	2,217	2,071	5,992	4,982
5.6 Makanan dan minuman <i>Food and beverage</i>	1,554	1,843	3,146	3,571
5.7 Maklumat dan komunikasi <i>Information and communication</i>	5,127	5,136	8,888	9,603
5.8 Kewangan <i>Finance</i>	4,657	5,080	8,475	9,151
5.9 Hartanah <i>Real estate</i>	3,153	3,100	4,580	4,450
5.10 Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	3,158	3,213	5,042	4,839
5.11 Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	2,203	2,252	4,263	4,256
5.12 Pendidikan swasta <i>Private education</i>	3,165	3,309	4,160	4,306
5.13 Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	3,009	3,338	5,193	5,562
5.14 Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	2,411	2,679	5,252	5,313
5.15 Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	1,766	1,747	3,205	3,167
Jumlah <i>Total</i>	2,857	3,166	7,237	8,258

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

9 Purata gaji & upah bulanan mengikut jenis aktiviti ekonomi dan kategori pekerjaan, 2017 & 2021 (samb.)
Average monthly salaries & wages by kind of economic activity and category of employment, 2017 & 2021 (cont.)

(RM)

Pekerja sepenuh masa Full-time employees						Jumlah gaji & upah Total salaries & wages	
Juruteknik dan profesional bersekutu Technicians and associate professionals		Perkeranian dan pekerjaan yang berkaitan Clerical and related occupations		Pekerja asas Elementary occupation			
2017	2021	2017	2021	2017	2021	2017	2021
2,731	2,518	1,288	1,576	1,005	1,278	1,434	1,625
2,510	2,311	1,225	1,493	961	1,217	1,332	1,524
3,566	2,996	1,561	1,991	1,329	1,550	1,908	2,074
3,492	3,507	2,086	2,317	1,137	1,722	2,430	2,420
3,271	3,288	1,510	2,103	1,315	1,671	564	2,241
13,483	12,232	3,171	3,224	1,651	2,047	10,146	9,800
4,117	4,785	2,024	2,307	1,556	1,719	2,870	3,298
3,932	4,475	1,989	2,251	1,529	1,753	2,568	2,937
4,459	4,332	1,957	1,909	1,469	1,431	2,894	2,820
3,356	3,367	1,721	1,631	1,456	1,384	2,122	2,086
3,641	3,615	1,857	1,836	1,529	1,522	2,367	2,352
5,009	5,969	2,110	2,548	1,554	1,836	3,123	3,686
3,905	4,388	2,043	2,293	1,592	1,810	2,769	3,120
4,061	5,075	2,052	2,524	1,621	1,917	3,251	4,023
3,810	3,910	2,190	2,330	1,624	1,706	2,996	3,186
4,482	2,950	1,936	1,715	1,815	1,823	2,499	2,378
3,398	4,608	2,101	2,388	1,497	1,604	2,917	3,243
7,904	6,739	3,974	3,874	1,926	2,525	6,445	6,336
3,673	3,545	2,186	2,437	1,549	1,775	2,623	2,932
2,827	6,243	2,100	2,712	1,722	1,695	2,755	3,409
4,937	4,751	2,719	2,510	2,084	1,754	3,487	3,233
2,479	2,840	1,805	1,824	1,313	1,261	2,156	2,029
2,812	3,153	1,496	1,759	1,225	1,500	1,492	1,777
4,284	4,327	2,350	2,040	1,717	1,615	5,094	5,108
4,765	5,267	2,137	2,353	1,654	1,706	4,643	5,063
3,153	3,103	2,545	2,526	1,274	1,252	3,108	3,057
2,855	3,519	2,168	2,001	1,360	1,630	3,116	3,174
3,808	4,152	1,867	1,881	1,366	1,474	2,180	2,229
3,078	3,207	2,043	2,171	1,199	1,367	3,047	3,185
3,005	3,248	1,848	2,073	1,130	1,644	2,962	3,296
2,944	3,762	1,771	2,022	1,421	1,744	2,319	2,615
2,513	2,581	1,546	1,516	1,250	1,235	1,712	1,700
3,810	4,526	1,984	2,192	1,501	1,620	2,807	3,107

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

10 Purata gaji & upah bulanan mengikut jenis aktiviti ekonomi dan kemahiran, 2017 & 2021
Average monthly salaries & wages by kind of economic activity and skill, 2017 & 2021

(RM)

Jenis aktiviti ekonomi Kind of economic activity		Mahir Skilled		Separuh mahir Semi-skilled	
		2017	2021	2017	2021
1. Pertanian* <i>Agriculture</i>		4,900	3,012	1,288	1,576
1.1	Tanaman* <i>Crops</i>	4,562	2,749	1,225	1,493
1.2	Ternakan* <i>Livestock</i>	5,938	3,451	1,561	1,991
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	6,240	3,986	2,086	2,317
1.4	Perikanan* <i>Fisheries</i>	4,742	3,909	1,510	2,103
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>		21,385	18,153	3,171	3,224
3. Pembuatan <i>Manufacturing</i>		6,854	7,944	2,024	2,307
3.1	Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	6,804	7,757	1,989	2,251
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	8,543	8,220	1,957	1,909
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	5,207	5,176	1,721	1,631
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	6,131	6,070	1,857	1,836
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	7,779	9,211	2,110	2,548
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	6,627	7,451	2,043	2,293
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	7,135	8,889	2,052	2,524
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	5,888	6,136	2,190	2,330
4. Pembinaan <i>Construction</i>		7,347	5,207	1,936	1,715
5. Perkhidmatan <i>Services</i>		5,223	6,820	2,101	2,388
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	10,521	10,552	3,974	3,874
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	5,396	5,620	2,186	2,437
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	4,411	10,511	2,100	2,712
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	7,338	6,988	2,719	2,510
5.5	Penginapan <i>Accommodation</i>	4,699	4,255	1,805	1,824
5.6	Makanan dan minuman <i>Food and beverage</i>	3,122	3,538	1,496	1,759
5.7	Maklumat dan komunikasi <i>Information and communication</i>	7,159	7,650	2,350	2,040
5.8	Kewangan <i>Finance</i>	7,769	8,426	2,137	2,353
5.9	Hartanah <i>Real estate</i>	4,345	4,236	2,545	2,524
5.10	Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	4,441	4,518	2,168	2,001
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	4,174	4,235	1,867	1,881
5.12	Pendidikan swasta <i>Private education</i>	4,010	4,155	2,043	2,171
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	4,367	4,706	1,848	2,073
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	4,660	4,873	1,771	2,022
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	3,036	3,032	1,546	1,516
Jumlah <i>Total</i>		5,913	6,998	1,975	2,192

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017
Refers to technical review of Agricultural sector data for the year 2017

10 **Purata gaji & upah bulanan mengikut jenis aktiviti ekonomi dan kemahiran, 2017 & 2021 (samb.)**
Average monthly salaries & wages by kind of economic activity and skill, 2017 & 2021 (cont.)

(RM)

Jenis aktiviti ekonomi Kind of economic activity		Berkemahiran rendah Low-skilled		Jumlah Total	
		2017	2021	2017	2021
1. Pertanian* Agriculture		1,005	1,278	1,451	1,631
1.1	Tanaman* Crops	961	1,217	1,347	1,529
1.2	Ternakan* Livestock	1,329	1,550	1,928	2,086
1.3	Perhutanan dan pembalakan Forestry and logging	1,137	1,722	2,490	2,461
1.4	Perikanan* Fisheries	1,315	1,671	1,853	2,290
2. Perlombongan dan pengkuarian Mining and quarrying		1,651	2,047	10,178	9,800
3. Pembuatan Manufacturing		1,556	1,719	2,883	3,309
3.1	Minyak dan lemak daripada sayuran dan haiwan dan proses makanan Vegetable and animal oils and fats and food processing	1,529	1,753	2,591	2,941
3.2	Minuman dan produk tembakau Beverages and tobacco products	1,469	1,431	2,916	2,817
3.3	Produk tekstil, pakaian dan kulit Textiles, wearing apparel and leather products	1,456	1,384	2,153	2,068
3.4	Produk kayu, perabot, keluaran kertas dan percetakan Wood products, furniture, paper products and printing	1,529	1,522	2,374	2,352
3.5	Produk petroleum, kimia, getah dan plastik Petroleum, chemical, rubber and plastic products	1,554	1,836	3,131	3,735
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka Non-metallic mineral products, basic metal and fabricated metal products	1,592	1,810	2,781	3,123
3.7	Produk elektrik, elektronik dan optikal Electrical, electronic and optical products	1,621	1,917	3,253	4,025
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan Transport equipment, other manufacturing and repair	1,624	1,706	3,012	3,189
4. Pembinaan Construction		1,815	1,823	2,508	2,394
5. Perkhidmatan Services		1,497	1,604	3,007	3,347
5.1	Bekalan elektrik, gas, wap dan pendingin udara Electricity, gas, steam and air conditioning supply	1,926	2,525	6,451	6,340
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan Water supply; sewerage, waste management and remediation activities	1,549	1,775	2,626	2,959
5.3	Perdagangan borong dan runcit Wholesale and retail trade	1,722	1,695	2,853	3,563
5.4	Pengangkutan dan penyimpanan Transportation and storage	2,084	1,754	3,519	3,263
5.5	Penginapan Accommodation	1,313	1,261	2,217	2,071
5.6	Makanan dan minuman Food and beverage	1,225	1,500	1,554	1,843
5.7	Maklumat dan komunikasi Information and communication	1,717	1,615	5,127	5,136
5.8	Kewangan Finance	1,654	1,706	4,657	5,080
5.9	Hartanah Real estate	1,274	1,249	3,153	3,100
5.10	Professional, saintifik dan teknikal Professional, scientific and technical	1,360	1,630	3,158	3,213
5.11	Pentadbiran dan khidmat sokongan Administrative and support service	1,366	1,474	2,203	2,252
5.12	Pendidikan swasta Private education	1,199	1,367	3,165	3,309
5.13	Kesihatan swasta dan kerja sosial Private health and social work	1,130	1,644	3,009	3,338
5.14	Kesenian, hiburan dan rekreasi Arts, entertainment and recreation	1,421	1,744	2,411	2,679
5.15	Perkhidmatan persendirian dan lain-lain aktiviti Personal services and other activities	1,250	1,235	1,766	1,747
Jumlah Total		1,501	1,619	2,857	3,166

Nota / Note :

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017

Refers to technical review of Agricultural sector data for the year 2017

11 Output per pekerja mengikut jenis aktiviti ekonomi, 2017 - 2021
Output per employees by kind of economic activity, 2017 - 2021

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Output (RM juta/ million)				
		2017	2018	2019	2020 [*]	2021
1. Pertanian* <i>Agriculture</i>		74,036	70,260	70,082	82,227	101,316
1.1	Tanaman* <i>Crops</i>	50,666	46,797	45,511	57,393	75,832
1.2	Ternakan* <i>Livestock</i>	15,187	15,190	16,606	18,109	18,668
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	5,779	5,556	5,182	4,195	4,396
1.4	Perikanan* <i>Fisheries</i>	2,405	2,717	2,783	2,531	2,419
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>		151,388	165,718	162,324	121,921	155,964
3. Pembuatan <i>Manufacturing</i>		1,275,758	1,331,285	1,378,013	1,371,054	1,609,320
3.1	Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	214,040	198,571	185,479	208,364	252,519
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	14,709	15,344	16,074	15,258	16,584
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	19,486	19,945	20,846	18,318	20,315
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	67,359	71,950	76,587	69,682	76,144
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	340,432	373,732	401,355	396,857	508,890
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	157,462	166,290	174,362	149,139	164,098
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	361,774	387,262	401,613	417,424	471,946
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	100,495	98,191	101,697	96,012	98,825
4. Pembinaan <i>Construction</i>		204,436	210,901	212,494	173,271	170,771
5. Perkhidmatan <i>Services</i>		1,111,801	1,193,372	1,271,679	1,155,821	1,174,540
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	61,025	63,227	65,651	64,781	64,999
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	14,417	15,601	16,987	18,688	16,680
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	353,800	384,290	410,455	386,962	406,896
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	120,745	127,607	135,472	99,848	102,042
5.5	Penginapan <i>Accommodation</i>	15,830	16,895	18,039	8,755	6,750
5.6	Makanan dan minuman <i>Food and beverage</i>	82,775	92,916	104,577	84,359	78,484
5.7	Maklumat dan komunikasi <i>Information and communication</i>	144,764	154,976	163,785	172,854	182,163
5.8	Kewangan <i>Finance</i>	138,030	144,769	149,949	153,891	164,770
5.9	Hartanah <i>Real estate</i>	32,782	35,193	37,846	31,200	27,637
5.10	Professional, saintifik dan teknikal <i>Professional, scientific and technical</i>	45,090	47,927	50,819	45,672	44,314
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	33,433	35,703	38,165	24,198	18,098
5.12	Pendidikan swasta <i>Private education</i>	17,579	18,784	20,051	19,075	18,822
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	20,218	22,085	24,058	23,348	25,379
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	22,297	23,651	25,299	14,644	11,038
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	9,016	9,748	10,522	7,549	6,470
Jumlah <i>Total</i>		2,817,420	2,971,536	3,094,592	2,904,294	3,211,910

Nota / Note :

^{*} Merujuk kepada data semakan semula/ Refers to revised data

^{*} Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017-2019 dan sektor Perkhidmatan bagi tahun 2019/
 Refers to technical review of Agricultural sector data for the year 2017-2019 and Services sector for the year 2019

11 **Output per pekerja mengikut jenis aktiviti ekonomi, 2017 - 2021 (samb.)**
Output per employment by kind of economic activity, 2017 - 2021 (cont.)

Bilangan pekerja ('000) <i>Number of persons engaged ('000)</i>					Output per pekerja (RM) <i>Output per employee (RM)</i>				
2017	2018	2019	2020 [*]	2021	2017	2018	2019	2020 [*]	2021
599.1	583.2	571.4	554.2	496.7	123,586	120,471	122,651	148,359	203,984
524.5	505.2	491.4	478.3	432.1	96,602	92,627	92,607	119,989	175,515
36.0	38.2	42.0	40.5	36.4	421,558	397,662	395,684	446,620	513,234
22.6	22.1	21.2	18.9	15.0	255,214	251,440	244,133	222,437	292,736
15.9	17.7	16.8	16.5	13.2	151,131	153,544	166,047	153,156	182,730
67.0	67.0	67.3	61.1	61.0	2,260,741	2,472,627	2,411,048	1,995,983	2,557,494
2,214.9	2,242.4	2,282.6	2,246.8	2,303.5	575,993	593,697	603,714	610,235	698,643
273.9	274.4	276.9	275.3	283.3	781,358	723,691	669,915	756,816	891,344
17.9	18.4	19.4	16.6	17.0	820,428	833,169	829,062	921,462	977,975
107.6	105.0	108.1	96.3	99.2	181,067	189,902	192,780	190,243	204,787
301.2	307.0	308.4	296.0	303.5	223,626	234,397	248,329	235,377	250,850
391.8	395.9	409.3	426.6	442.0	868,975	943,891	980,668	930,342	1,151,435
352.6	359.3	368.6	365.0	365.8	446,514	462,757	473,067	408,608	448,586
555.7	560.7	565.8	555.0	573.7	651,080	690,680	709,753	752,105	822,671
214.1	221.6	226.1	216.0	219.0	469,327	443,132	449,860	444,526	451,165
1,330.3	1,297.0	1,300.8	1,232.8	1,190.2	153,681	162,602	163,354	140,554	143,486
5,168.6	5,433.8	5,662.7	5,513.8	5,517.3	215,106	219,622	224,569	209,622	212,882
50.3	51.3	52.3	51.7	51.0	1,214,069	1,231,634	1,256,055	1,252,963	1,273,335
52.5	54.7	55.3	55.4	50.8	274,520	285,164	307,249	337,395	328,390
1,864.9	2,002.8	2,099.7	2,092.9	2,152.0	189,715	191,873	195,479	184,889	189,078
437.9	453.5	471.6	440.5	457.5	275,721	281,384	287,232	226,651	223,050
139.4	147.0	155.0	135.2	121.8	113,550	114,961	116,401	64,740	55,411
958.8	1,003.1	1,050.8	996.7	968.7	86,332	92,626	99,519	84,637	81,019
225.7	233.5	240.7	236.4	241.7	641,497	663,586	680,473	731,278	753,639
358.0	362.5	366.9	365.8	366.8	385,565	399,320	408,682	420,675	449,248
88.2	93.1	98.5	95.4	94.1	371,712	377,848	384,062	327,062	293,631
333.1	341.4	349.8	347.6	347.0	135,349	140,376	145,294	131,395	127,705
194.0	202.3	210.1	204.3	199.0	172,326	176,461	181,658	118,448	90,962
145.0	149.9	154.9	155.0	155.0	121,272	125,298	129,448	123,080	121,433
137.4	146.0	154.9	155.2	155.5	147,203	151,296	155,302	150,484	163,164
63.5	66.6	70.1	61.2	43.6	351,108	354,955	360,959	239,224	253,323
120.0	125.8	132.1	120.5	112.8	75,144	77,493	79,654	62,637	57,351
9,379.8	9,623.4	9,884.8	9,608.7	9,568.6	300,371	308,783	313,064	302,257	335,670

Nota / Note :

^{*} Merujuk kepada data semakan semula/ *Refers to revised data*

^{*} Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017-2019 dan sektor Perkhidmatan bagi tahun 2019/
Refers to technical review of Agricultural sector data for the year 2017-2019 and Services sector for the year 2019

12 **Gaji dan upah pekerja mengikut jenis aktiviti ekonomi, 2017 - 2021**
Salaries and wages of employees by kind of economic activity, 2017 - 2021

(RM juta/million)

Jenis aktiviti ekonomi <i>Kind of economic activity</i>		Gaji & Upah <i>Salaries & Wages</i>				
		2017	2018	2019	2020*	2021
1. Pertanian* <i>Agriculture</i>		8,821	8,909	8,746	8,369	8,115
1.1	Tanaman* <i>Crops</i>	7,037	6,993	6,766	6,673	6,463
1.2	Terbudi* <i>Livestock</i>	803	884	964	887	884
1.3	Perhutanan dan pembalakan <i>Forestry and logging</i>	653	652	634	452	431
1.4	Perikanan* <i>Fisheries</i>	329	381	381	357	337
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>		8,139	8,453	8,456	7,922	7,165
3. Pembuatan <i>Manufacturing</i>		74,881	81,760	86,744	86,676	89,510
3.1	Minyak dan lemak daripada sayuran dan haiwan dan proses makanan <i>Vegetable and animal oils and fats and food processing</i>	8,052	8,450	8,945	9,224	9,504
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	608	661	702	594	560
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	2,451	2,587	2,700	2,422	2,220
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	8,477	8,767	9,084	8,470	8,488
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	14,637	16,380	17,551	18,064	19,487
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	11,531	12,520	12,996	12,941	13,465
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	21,630	24,556	26,478	26,952	27,637
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	7,494	7,839	8,288	8,009	8,149
4. Pembinaan <i>Construction</i>		39,194	40,683	41,212	37,092	33,380
5. Perkhidmatan <i>Services</i>		152,179	173,265	185,548	179,423	180,447
5.1	Bekalan elektrik, gas, wap dan pendingin udara <i>Electricity, gas, steam and air conditioning supply</i>	3,880	3,962	4,038	4,017	3,877
5.2	Bekalan air; pembentungan, pengurusan sisa dan aktiviti pemulihan <i>Water supply; sewerage, waste management and remediation activities</i>	1,638	1,696	1,714	1,769	1,775
5.3	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	48,887	62,873	67,932	68,010	70,078
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	16,246	17,416	18,739	15,617	15,574
5.5	Penginapan <i>Accommodation</i>	3,529	3,807	4,108	3,315	2,891
5.6	Makanan dan minuman <i>Food and beverage</i>	12,222	13,796	15,619	15,106	14,719
5.7	Maklumat dan komunikasi <i>Information and communication</i>	13,751	14,369	14,939	14,450	14,775
5.8	Kewangan <i>Finance</i>	19,824	21,076	22,048	21,918	22,115
5.9	Hartanah <i>Real estate</i>	3,242	3,462	3,705	3,494	3,392
5.10	Profesional, saintifik dan teknikal <i>Professional, scientific and technical</i>	11,529	12,128	12,724	12,400	12,259
5.11	Pentadbiran dan khidmat sokongan <i>Administrative and support service</i>	4,780	5,051	5,314	5,112	5,019
5.12	Pendidikan swasta <i>Private education</i>	4,902	5,169	5,437	5,474	5,477
5.13	Kesihatan swasta dan kerja sosial <i>Private health and social work</i>	4,433	4,846	5,289	5,309	5,599
5.14	Kesenian, hiburan dan rekreasi <i>Arts, entertainment and recreation</i>	1,563	1,700	1,850	1,621	1,234
5.15	Perkhidmatan persendirian dan lain-lain aktiviti <i>Personal services and other activities</i>	1,752	1,916	2,093	1,809	1,663
Jumlah <i>Total</i>		283,214	313,070	330,706	319,481	318,616

Nota / Note :

* Merujuk kepada data semakan semula/ Refers to revised data

* Merujuk kepada semakan teknikal data sektor Pertanian bagi tahun 2017-2019 dan sektor Perkhidmatan bagi tahun 2019/
 Refers to technical review of Agricultural sector data for the year 2017-2019 and Services sector for the year 2019

3

NOTA TEKNIKAL *TECHNICAL NOTES*

1. SKOP DAN LIPUTAN

Penerbitan ini menggunakan data dari Survei Ekonomi Tahunan 2022 (tahun rujukan 2021). Laporan ini meliputi pertubuhan berdaftar yang terlibat dalam sektor Pertanian, Perlombongan & pengkuarian, Pembuatan, Pembinaan dan Perkhidmatan. Klasifikasi industri merujuk kepada Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Versi 1.0 yang selaras dengan *International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4, United Nations*. Liputan bagi keseluruhan sektor merangkumi 1,122 kategori industri seperti yang ditunjukkan pada **Jadual 1**.

Sementara itu, usahawan dalam sektor Pertanian yang hanya berdaftar dengan agensi-agensi kerajaan yang berkaitan bagi maksud menerima bantuan **TIDAK** termasuk dalam survei, kecuali pengusaha kelapa sawit.

Jadual 1: Bilangan industri mengikut sektor

Sektor	Bilangan industri
Pertanian	140
Perlombongan & pengkuarian	56
Pembuatan	259
Pembinaan	72
Perkhidmatan	595
Jumlah	1,122

2. SUMBER RANGKA STATISTIK

Sumber utama rangka statistik pertubuhan adalah daripada *Malaysia Statistical Business Register* (MSBR). MSBR adalah senarai pertubuhan/ perusahaan yang beroperasi di Malaysia yang merangkumi Daftar Syarikat (ROC), Daftar Perniagaan (ROB) dan Perkongsian Liabiliti Terhad (LLP) yang berdaftar dengan Suruhanjaya Syarikat Malaysia (SSM) serta pertubuhan yang berdaftar dengan pihak berkuasa tempatan dan badan profesional. Senarai dalam MSBR dikemaskini secara berkala berdasarkan survei dan bancian yang dijalankan oleh Jabatan Perangkaan Malaysia dan sumber data pentadbiran daripada agensi lain. Sumber utama data pentadbiran adalah daripada Suruhanjaya Syarikat Malaysia (SSM). Selain itu, DOSM juga bekerjasama untuk mendapatkan maklumat terkini daripada agensi lain seperti Kumpulan Wang Simpanan Pekerja (KWSP), Jabatan Kastam Diraja Malaysia, Lembaga Hasil Dalam Negeri (LHDN), pihak berkuasa tempatan dan badan profesional.

Rangka dikemaskini untuk mengambil kira pertubuhan baru dan sebarang perubahan yang berlaku kepada pertubuhan tersebut seperti tutup, tidak beroperasi, perubahan jenis aktiviti dan lokasi/ alamat pos untuk memastikan maklumat yang terdapat dalam rangka adalah yang paling terkini.

3. JENIS AKTIVITI PERNIAGAAN

Jenis aktiviti perniagaan merujuk kepada aktiviti utama dan sekunder. Aktiviti utama merujuk kepada aktiviti yang mana pertubuhan menumpukan sebahagian besar sumbernya atau memberi sumbangan besar dari segi pendapatan. Aktiviti sekunder didefinisikan sebagai aktiviti sampingan kepada aktiviti utama. Klasifikasi industri bagi pertubuhan adalah berasaskan kepada aktiviti utama dan mengikut Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Versi 1.0 yang diselaraskan dengan *International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4, United Nations* dan pengubahsuaian mengikut keperluan tempatan.

4. KONSEP DAN DEFINISI

Definisi yang diguna pakai dalam penerbitan ini berdasarkan MSIC 2008 Versi 1.0 berasaskan *International Standard Industrial Classification of All Economic (ISIC) Revision 4*. Definisi tersebut adalah seperti berikut:

4.1 Pertanian

Pertanian merangkumi aktiviti penanaman, pemeliharaan dan penternakan haiwan dan pengeluaran produk haiwan, penebangan kayu balak dan tanaman lain serta perikanan tangkapan dan akuakultur termasuk penggunaan sumber semulajadi tumbuh-tumbuhan dan haiwan. Terdapat empat subsektor iaitu Tanaman, Ternakan, Perhutanan & pembalakan dan Perikanan.

4.1.1 Tanaman merujuk kepada penanaman dan pengeluaran produk tanaman termasuk pertanian organik. Tanaman juga meliputi penanaman tanaman tidak kekal dan kekal merangkumi penanaman tumbuh-tumbuhan untuk tujuan pengeluaran benih;

4.1.2 Ternakan merujuk kepada binatang atau unggas yang dipelihara untuk tujuan komersil dan pembiakbakaan. Pengeluaran ternakan termasuk penternakan (ladang) dan pembiakan semua haiwan serta pengeluaran daripada hasil ternakan seperti telur, susu, madu dan sebagainya;

4.1.3 Perhutanan & pembalakan termasuk pengeluaran kayu balak untuk industri berasaskan kayu, meliputi pengestrakan dan pengumpulan produk hutan bukan kayu yang tumbuh liar. Selain pengeluaran kayu balak, aktiviti perhutanan yang menghasilkan produk melalui proses minima seperti kayu api, kayu arang, reja kayu dan kayu balak yang digunakan dalam bentuk yang belum diproses. Aktiviti ini boleh dijalankan dalam hutan asli dan ladang hutan. Ia juga termasuk sebahagian daripada aktiviti operasi perhutanan berdasarkan bayaran atau secara kontrak; dan

4.1.4 Perikanan termasuk perikanan tangkapan dan akuakultur meliputi penggunaan sumber perikanan daripada laut, air payau atau air tawar dengan tujuan menangkap dan mengumpul ikan, krustasia, moluska dan organisma & produk laut lain. Akuakultur ialah proses pengeluaran yang melibatkan pengkulturan (termasuk tuaian) organisma akuatik menggunakan teknik yang direka bentuk untuk meningkatkan pengeluaran organisma tersebut melebihi kapasiti persekitaran semulajadi.

4.2 Perlombongan & pengkuarian

Perlombongan & pengkuarian termasuk pengekstrakan mineral yang terjadi secara semulajadi seperti pepejal (batu arang dan bijih), cecair (petroleum) atau gas (gas asli). Pengekstrakan boleh dijalankan melalui pelbagai kaedah seperti perlombongan bawah tanah atau dedah, pengoperasian telaga, perlombongan dasar laut dan lain-lain. Walau bagaimanapun, subsektor perlombongan mineral & pengkuarian tidak diliputi dalam penerbitan ini.

4.3 Pembuatan

Perubahan fizikal atau kimia ke atas bahan atau komponen menjadi produk baru sama ada kerja itu dilakukan oleh jentera pacuan kuasa atau yang dijalankan dengan tangan, sama ada dilaksanakan di kilang atau di rumah pekerja dan sama ada barang keluaran dijual sama ada barang keluaran dijual secara borong atau runcit.

Pengelasan lapan (8) subsektor mengikut 24 bahagian adalah seperti berikut:

Bahagian	Keterangan
Produk Makanan	
10	Pembuatan produk makanan
Minuman dan produk tembakau	
11	Pembuatan minuman
12	Pembuatan produk tembakau
Produk tekstil, pakaian dan kulit	
13	Pembuatan tekstil
14	Pembuatan pakaian
15	Pembuatan produk kulit dan barangan berkaitan
Produk kayu, perabot, keluaran kertas dan percetakan	
16	Pembuatan kayu dan produk kayu dan gabus, kecuali perabot; pembuatan bagi artike jerami dan bahan-bahan anyaman
17	Pembuatan kertas dan produk kertas
18	Percetakan dan penerbitan semula media rakaman
31	Pembuatan perabot
Produk petroleum, kimia, getah dan plastik	
19	Pembuatan kok dan produk petroleum bertapis
20	Pembuatan kimia dan produk kimia
21	Pembuatan produk farmaseutikal asas, kimia perubatan dan botani
22	Pembuatan produk getah dan plastik
Produk mineral bukan logam, logam asas & produk logam yang direka	
23	Pembuatan produk galian bukan logam lain
24	Pembuatan logam asas
25	Pembuatan produk logam, kecuali mesin dan kelengkapan

Bahagian	Keterangan
Produk elektrik, elektronik dan optikal	
26	Pembuatan komputer, produk elektronik dan optikal
27	Pembuatan kelengkapan elektrik
28	Pembuatan jentera dan peralatan t.t.t.l.
Peralatan pengangkutan, pembuatan lain dan pembaikan	
29	Pembuatan kenderaan bermotor, treler dan semi treler
30	Pembuatan kelengkapan pengangkutan lain
32	Pembuatan lain
33	Pembaikan dan pemasangan dan kelengkapan

4.4 Pembinaan

Pembinaan baru, pengubahsuaian, pembaikan dan perobohan. Pemasangan sebarang jenis jentera atau peralatan yang dipasang ketika pembinaan asal adalah diambil kira, demikian juga bagi pemasangan jentera atau peralatan selepas pembinaan asal tetapi memerlukan perubahan struktur bagi pemasangannya.

4.5 Perkhidmatan

Perkhidmatan berkaitan Bekalan elektrik, gas, wap & pendinginan udara; Bekalan air; pembedungan, pengurusan sisa & aktiviti pemulihan; Perdagangan Borong & runcit; Pengangkutan & penyimpanan; Maklumat & komunikasi; Penginapan; Makanan & minuman; Kewangan; Hartanah; Profesional, saintifik & teknikal; Pentadbiran & khidmat sokongan; Pendidikan swasta; Kesihatan swasta & kerja sosial; Kesenian, hiburan & rekreasi dan Perkhidmatan persendirian & lain-lain aktiviti.

4.5.1 Bekalan elektrik, gas, wap & pendingin udara adalah ditakrifkan sebagai aktiviti pembekalan tenaga elektrik, gas asli, wap, air panas dan seumpamanya melalui satu infrastruktur (rangkaian) tetap bagi talian, saluran utama dan paip. Dimensi rangkaian ini tidak dapat ditentukan; juga termasuk pengagihan elektrik, gas, wap, air panas dan seumpamanya di kawasan perindustrian atau bangunan tempat kediaman.

Oleh itu, seksyen ini termasuk operasi utiliti elektrik dan gas yang menjana, mengawal dan mengagih tenaga elektrik atau gas. Juga termasuk bekalan wap dan pendinginan udara;

4.5.2. Bekalan air; pembedungan, pengurusan sisa & aktiviti pemulihan meliputi aktiviti yang berkaitan dengan pengurusan sisa termasuk pungutan, perawatan dan pelupusan seperti sisa terjadual, sisa pepejal dan air sisa daripada perindustrian dan isi rumah, termasuk juga pemulihan bahan dan tapak yang tercemar. Hasil sisa daripada proses perawatan boleh dilupus atau menjadi input kepada proses pengeluaran yang lain. Aktiviti yang berkaitan dengan perawatan dan bekalan air juga dimasukkan dalam sektor ini;

4.5.3 Perdagangan borong & runcit merangkumi perdagangan, borong perdagangan runcit, dan kenderaan bermotor;

- 4.5.4 Pengangkutan & penyimpanan** meliputi pertubuhan yang menyediakan perkhidmatan darat, pengangkutan muatan melalui jalan raya, pengangkutan darat lain, pengangkutan air, penggudangan & aktiviti sokongan seperti pengoperasian terminal, tempat letak kereta, pengoperasian lebuh raya, pengoperasian pelabuhan, pengendalian kargo/ pemunggahan, agensi perkapalan & penghantaran serta lain-lain aktiviti sokongan perkhidmatan pengangkutan;
- 4.5.5 Maklumat & komunikasi** terdiri daripada aktiviti penerbitan, penerbitan wayang gambar, video & program televisyen, rakaman bunyi & penerbitan muzik, pemrograman & penyiaran, perkhidmatan telekomunikasi pengaturcaraan komputer, perundingan & aktiviti yang berkaitan dan perkhidmatan maklumat;
- 4.5.6 Perkhidmatan penginapan** merujuk kepada penyediaan tempat penginapan jangka pendek berbayar, sama ada dibuka kepada orang awam atau terhad kepada ahli sebuah pertubuhan tertentu. Ianya tidak termasuk penyewaan tempat tinggal berperabot jangka panjang yang dikelaskan dalam Hartanah;
- 4.5.7 Perkhidmatan makanan & minuman** termasuk perkhidmatan makanan & minuman yang menyediakan hidangan atau minuman lengkap untuk penggunaan segera, sama ada di restoran tradisional, restoran layan diri atau bawa pulang, yang didirikan secara kekal atau sementara dengan atau tiada kemudahan tempat duduk;
- 4.5.8 Perkhidmatan kewangan** adalah meliputi aktiviti perantaraan kewangan; aktiviti perkhidmatan kewangan lain dan aktiviti sokongan kepada perkhidmatan kewangan; aktiviti insurans/ takaful, insurans/ takaful semula dan tabungan pencen & hemat; dan aktiviti sokongan kepada insurans/ takaful dan tabungan pencen;
- 4.5.9 Perkhidmatan hartanah** termasuk tindakan seperti pemberi pajak, ejen dan/ atau broker di dalam satu atau lebih daripada yang berikut: penjualan atau pembelian hartanah, penyewaan hartanah, penyediaan perkhidmatan hartanah lain seperti penilaian hartanah, pengurusan hartanah atau bertindak sebagai ejen hartanah eskrow. Aktiviti dalam bahagian ini mungkin dijalankan di atas hartanah milikan sendiri atau pajakan dan mungkin berlaku atas dasar bayaran atau kontrak. Termasuk juga pembangunan struktur, berserta mengekalkan hak milik atau pajakan bagi struktur tersebut;
- 4.5.10 Perkhidmatan profesional, saintifik & teknikal** termasuk aktiviti profesional khusus, saintifik & teknikal yang memerlukan tahap latihan yang tinggi dan menjadikan pengetahuan dan kemahiran khusus tersedia kepada pengguna. Aktiviti yang dijalankan termasuk aktiviti guaman & perakaunan, aktiviti ibu pejabat, aktiviti perundingan pengurusan, aktiviti arkitek & kejuruteraan, ujian & analisis teknikal, penyelidikan & pembangunan saintifik, pengiklanan & penyelidikan & pembangunan saintifik, pengiklanan & penyelidikan, penyelidikan pasaran, professional lain, aktiviti saintifik & teknikal dan veterinar;

- 4.5.11 Perkhidmatan pentadbiran & khidmat sokongan** termasuk pelbagai aktiviti yang menyokong operasi am perniagaan meliputi aktiviti sewaan & pajakan, aktiviti pekerjaan, agensi pengembaraan, operator pelancongan & aktiviti perkhidmatan penempahan lain, aktiviti keselamatan & penyiasatan, aktiviti perkhidmatan bangunan & lanskap dan aktiviti pengurusan pejabat, sokongan pejabat & perniagaan lain;
- 4.5.12 Perkhidmatan pendidikan swasta** merujuk kepada pertubuhan yang berdaftar dengan Kementerian Pendidikan Malaysia dan Kementerian Pengajian Tinggi yang menyediakan perkhidmatan pelajaran akademik, vokasional dan perdagangan. Aktiviti yang diliputi dalam kumpulan ini ialah pendidikan pra sekolah & pendidikan rendah, pendidikan menengah, pendidikan tinggi, pendidikan lain dan perkhidmatan sokongan lain;
- 4.5.13 Perkhidmatan kesihatan swasta & kerja sosial** meliputi aktiviti hospital, aktiviti amalan perubatan & pergigian, aktiviti kesihatan dan kemanusiaan lain, aktiviti rumah penjagaan, dan aktiviti kerja sosial tanpa penginapan;
- 4.5.14 Perkhidmatan kesenian, hiburan & rekreasi** termasuk pelbagai aktiviti bagi memenuhi minat orang awam dalam aktiviti kebudayaan, hiburan dan rekreasi meliputi persembahan secara langsung, operasi muzium, perjudian, sukan dan aktiviti rekreasi; dan
- 4.5.15 Perkhidmatan persendirian & lain-lain aktiviti** termasuk aktiviti keahlian organisasi, aktiviti organisasi keahlian perniagaan, majikan & profesional, aktiviti kesatuan buruh, aktiviti keahlian organisasi lain, pembaikan komputer & barangan persendirian dan isi rumah dan aktiviti perkhidmatan seperti basuhan dan cucian kering tekstil dan produk berbulu; dandan rambut dan penjagaan kecantikan lain; dan pengebumian dan aktiviti perkhidmatan lain.

5. TAHUN SURVEI

Tahun survei adalah merujuk kepada tahun pelaksanaan survei.

6. TAHUN RUJUKAN

Tahun rujukan bagi penerbitan ini adalah tahun takwim 2021.

7. NILAI OUTPUT KASAR

Output didefinisikan sebagai barang dan perkhidmatan yang dihasilkan oleh sebuah penubuhan, tidak termasuk nilai barang dan perkhidmatan yang digunakan dalam aktiviti di mana penubuhan tersebut tidak mengambil risiko menggunakan produk-produk dalam pengeluaran, dan tidak termasuk nilai barang dan perkhidmatan yang digunakan oleh penubuhan yang sama kecuali barang dan perkhidmatan yang digunakan untuk pembentukan modal (modal tetap atau perubahan dalam inventori) atau penggunaan akhir sendiri.

8. BILANGAN PEKERJA

Bilangan pekerja merujuk kepada bilangan orang yang bekerja pada bulan Disember atau pada tempoh pembayaran gaji terakhir bagi tahun rujukan. Bilangan orang yang bekerja dikategorikan seperti berikut:

8.1 Pemilik yang bekerja dan pekerja keluarga tidak bergaji

i. Pemilik yang bekerja dan rakan niaga yang aktif

Kategori ini merujuk kepada semua pemilik perseorangan dan rakan niaga, sambilan atau sepenuh masa, yang bekerja dengan aktif dalam sesebuah pertubuhan itu. Justeru, ia tidak termasuk rakan niaga yang tidak aktif.

ii. Pekerja keluarga tidak bergaji

Kategori ini meliputi semua ahli isi rumah kepada pemilik pertubuhan yang melaksanakan kerja tertentu (sepenuh masa atau sambilan) dan bekerja sekurang-kurangnya satu pertiga daripada waktu bekerja biasa yang diamalkan oleh pertubuhan berkenaan tanpa mendapat bayaran secara tetap, sama ada dalam bentuk wang tunai atau harta benda bagi kerja yang dilakukan.

Biasanya pekerja berkenaan mendapat makanan, tempat tinggal dan bantuan lain sebagai sebahagian daripada ahli isi rumah pemilik tersebut dan terus mendapatnya sama ada ia bekerja atau tidak dalam pertubuhan itu.

8.2 Pekerja bergaji (sepenuh masa)

Merujuk kepada semua pekerja bergaji (sepenuh masa) yang bekerja sekurang-kurangnya enam jam sehari dan/ atau 20 hari sebulan. Semua pekerja ini harus dikelaskan mengikuti Piawaian Pengkelasan Pekerjaan Malaysia (MASCO) 2020 seperti berikut:

i. Pengurus, profesional dan penyelidik meliputi:

a. Pengurus

Merujuk kepada mereka yang menggubal, menganalisa, merumus, mengarah dan memberi nasihat tentang dasar kerajaan, dan membuat, meminda dan memansuhkan undang-undang, kaedah dan peraturan awam, dan mewakili serta bertindak bagi pihak kerajaan, dan memantau pentafsiran dan pelaksanaan dasar dan undang-undang kerajaan, atau menjalankan tugas yang seumpamanya bagi pihak pertubuhan berkepentingan khas, atau mengatur, memimpin, mengawal dan menyelaraskan dasar dan aktiviti perusahaan, organisasi, jabatan atau seksyen dalamannya; dan

b. Profesional

Merujuk kepada mereka yang bertanggungjawab untuk meningkatkan ilmu pengetahuan sedia ada, mengaplikasikan konsep dan teori saintifik atau artistik, mengajar tentang perkara tersebut dengan cara bersistematik, atau terlibat dalam apa-apa gabungan tiga aktiviti di atas.

ii. Juruteknik dan profesional bersekutu

Merujuk kepada mereka yang melakukan tugas teknikal dan tugas yang berkaitan dengan penyelidikan dan pengaplikasian konsep sains atau seni dan kaedah operasi, dan peraturan kerajaan atau perniagaan.

iii. Perkeranian dan pekerjaan yang berkaitan:

a. Pekerja sokongan perkeranian

Merujuk kepada mereka yang merekod, mengurus, menyimpan dan mendapatkan maklumat yang berkaitan, dan menjalankan tugas-tugas perkeranian berhubung dengan operasi pentadbiran, pengendalian wang, urusan perjalanan, permintaan maklumat dan janji temu;

b. Pekerja perkhidmatan dan jualan

Merujuk kepada mereka yang menyediakan perkhidmatan peribadi berkaitan dengan perjalanan, pengemasan, katering, penjagaan diri, atau perlindungan dari kebakaran dan undang-undang yang berkaitan, atau menunjuk cara dan menjual barangan di kedai borong atau runcit dan pertubuhan seumpamanya termasuk di gerai dan pasar;

c. Pekerja mahir pertanian, perhutanan, penternakan dan perikanan

Merujuk kepada mereka yang menanam dan menuai tanaman ladang atau pokok dan pokok renek dan mengumpulkan buah-buahan, herba dan tanaman liar; menternak, menjaga atau memburu haiwan dan mengeluarkan pelbagai produk ternakan; menanam, memelihara dan mendapatkan hasil hutan; membiak baka atau menangkap ikan; dan memelihara atau mengumpulkan pelbagai hidupan akuatik lain;

d. Pekerja kemahiran dan pekerja pertukangan yang berkaitan

Merujuk kepada mereka yang mengaplikasikan pengetahuan dan kemahiran khusus dalam bidang perlombongan dan pembinaan, penempatan logam, dan mendirikan struktur logam; membuat, melaraskan, menyelenggara dan membaiki pulih jentera, kelengkapan atau peralatan; menjalankan kerja pencetakan; dan mengeluarkan atau memproses barang makanan, tekstil atau kayu, logam dan barangan lain termasuk barang kraftangan; dan

e. Operator mesin & loji, dan pemasang

Merujuk kepada mereka yang mengendalikan dan mengawasi jentera dan kelengkapan perindustrian dan pertanian; memandu dan mengendalikan kereta api, kenderaan bermotor, jentera dan kelengkapan bergerak; atau memasang bahagian komponen produk mengikut spesifikasi dan prosedur yang ketat.

iv. Pekerja asas

Merujuk kepada mereka yang menjalankan tugas yang mudah, rutin dan tidak sistematik yang biasanya memerlukan penggunaan perkakas tangan atau dengan sokongan mesin yang mudah, dan memerlukan tenaga fizikal yang banyak.

8.3 Pekerja bergaji (sambilan)

Merujuk kepada semua pekerja bergaji (sambilan) yang bekerja kurang daripada enam jam sehari dan/ atau kurang daripada 20 hari sebulan.

9. KATEGORI KEMAHIRAN

Kategori kemahiran telah dikelaskan berdasarkan Piawaian Pengkelasan Pekerjaan Malaysia (MASCO) 2020 adalah seperti berikut:

9.1 Pekerja mahir

Pengurus, profesional dan penyelidik, dan Juruteknik dan profesional bersekutu;

9.2 Pekerja separuh mahir

Pekerja sokongan perkeranian, perkhidmatan dan jualan, Pekerja mahir pertanian, Perhutanan, Penternakan dan Perikanan dan Pekerja kemahiran & pekerja pertukangan yang berkaitan serta Operator mesin & loji dan pemasang; dan

9.3 Pekerja berkemahiran rendah

Pekerja asas.

10. GAJI & UPAH

Semua pembayaran (gaji, upah, bonus, komisyen, bayaran lebih masa dan elaun tunai termasuk belanja sara hidup, perumahan, kereta, makanan dan sebagainya) yang dibuat sepanjang tahun rujukan meliputi semua pekerja bergaji dalam setiap kategori pekerja yang diambil secara langsung termasuk jumlah bayaran yang dibuat adalah sebelum ditolak cukai pendapatan dan caruman pekerja kepada Kumpulan Wang Simpanan Pekerja (KWSP)/ Pertubuhan Keselamatan Sosial (PERKESO)/ Kumpulan wang simpanan lain/ Kumpulan wang persaraan (KWAP). Caruman majikan kepada kumpulan wang yang di atas hendaklah dikecualikan.

11. PEMBUNDARAN

Jumlah bagi angka komponen mungkin berbeza dengan jumlah besar disebabkan oleh pembundaran angka.

12. NEGERI SUPRA

Berdasarkan *System of National Accounts (SNA) 2008*, terdapat tiga jenis unit institusi iaitu yang mempunyai pusat kepentingan ekonomi dan kebanyakan aktiviti adalah di dalam lingkungan satu wilayah; unit pelbagai wilayah dengan pusat kepentingannya di beberapa wilayah tetapi bukan seluruh negara; dan unit yang beroperasi pada peringkat nasional, iaitu pusat kepentingannya tidak boleh dikaitkan dengan kedudukan geografi (negeri Supra). Negeri Supra pada peringkat negeri adalah bersamaan dengan organisasi luar wilayah pada peringkat nasional. Di Malaysia, negeri Supra merangkumi aktiviti pengeluaran yang melangkaui pusat kepentingan ekonomi utama bagi mana-mana negeri.

13. KADAR PERTUMBUHAN TAHUNAN

Kadar pertumbuhan tahunan yang digunakan adalah merujuk kepada perbezaan bagi dua tempoh rujukan dan boleh juga dikira berdasarkan formula berikut :

$$y^t = y_0(1+r)^t$$

$$r = \left[e^{\frac{1}{t} \ln \left(\frac{y_t}{y_0} \right)} - 1 \right] \times 100$$

di mana,

y_t	=	Nilai pada tahun semasa
y_0	=	Nilai pada tahun sebelum
t	=	Bilangan tahun, $y_t - y_0$
r	=	Kadar pertumbuhan tahunan

14. SEMAKAN DATA

Anggaran data AES bagi tahun 2017-2020 telah dibuat semakan semula berdasarkan aspek teknikal dan data tahunan yang telah dikemaskini.

15. SIMBOL DAN SINGKATAN

-	:	tiada maklumat
0	:	nilai kurang daripada 500
0.0	:	nilai kurang daripada 0.05 juta
n.a	:	tidak berkenaan
&	:	dan
%	:	peratus
dll.	:	dan lain-lain
CAGR	:	kadar pertumbuhan tahunan dikompaun
RM	:	Ringgit Malaysia
t.t.t.l.	:	tidak terkelas di tempat lain
W.P.	:	Wilayah Persekutuan
e	:	anggaran
p	:	permulaan

1. SCOPE AND COVERAGE

*This publication used data from Annual Economic Survey 2022 (reference year 2021). This survey collected information from registered establishments in Agriculture, Mining & quarrying, Manufacturing, Construction and Services sectors. The classifications of activities were referring to Malaysia Standard Industrial Classification (MSIC) 2008 Ver. 1.0, in accordance with the International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4 United Nations. The coverage for all sectors encompasses 1,122 activities as shown in **Table 1**.*

*In this survey, entrepreneurs in the Agriculture sector which registered with relevant government agencies for the purpose of receiving aid were **NOT** covered except palm oil's entrepreneurs.*

Table 1: Number of activity by sector

Sector	Category of industries
Agriculture	140
Mining & quarrying	56
Manufacturing	259
Construction	72
Services	595
Total	1,122

2. SOURCE OF STATISTICAL FRAME

The main source of the establishment statistics frame is obtained from the Malaysia Statistical Business Register (MSBR). MSBR is a list businesses/ companies operating in Malaysia. It encompasses the Register of Companies (ROC), Register of Business (ROB) and Limited Liability Partnership (LLP) that are registered with the Companies Commission of Malaysia (CCM) as well as establishments registered with local authorities and professional bodies. The list in MSBR is updated regularly based on surveys and censuses conducted by the Department of Statistics Malaysia and administrative data sources from various agencies. The main source of MSBR is the administrative data from Companies Commission of Malaysia (CCM). In addition, DOSM also gathers information from other agencies namely Employees' Provident Fund (EPF), the Royal Malaysian Customs Department, the Inland Revenue Board (IRB), local authorities and professional bodies.

The frame is updated to take into account new establishments and to record any changes in the status of the establishments such as closed down, not in operation, change in activity and location/ correspondence address to ensure the frame is at the most current status.

3. TYPE OF BUSINESS ACTIVITY

Type of business activity refers to both principal and secondary activities. The principal activity refers to the activity to which the establishment devoted most of its resources or activity which derived most of its income. Secondary activities are defined as those incidental or ancillary to the principal activity. The classification of the industry of the establishment is based on the principal activity and is in accordance with the Malaysia Standard Industrial Classification (MSIC) 2008 Ver. 1.0 conforms to the International Standard Industrial Classification of All Economic Activities (ISIC), Rev. 4, United Nations, with modifications to suit local conditions.

4. CONCEPTS AND DEFINITIONS

The definition adopted in this publication based on the recommendations of the MSIC 2008 Ver. 1.0. The definitions include the following activities:

4.1 Agriculture

Agriculture comprising the activities of growing, breeding and rearing of animals and production of animal products, felling of trees and other plants, as well as capture fishery and aquaculture includes the use/ utilisation of plants/ vegetal and animals natural resources. There are four sub-sectors; Crops, Livestocks, Forestry & logging and Fisheries.

4.1.1. Crops refer to production of crops products including organic farming. Crops also include the growing of non-perennial perennial and crops for the purpose of seed production.

4.1.2. Livestocks refer to animals or bird that preserved for commercial and breeding purposes. Livestock production includes raising (farming) and breeding of all animals, also production of livestock products such as eggs, milk, honey, etc;

4.1.3. Forestry and logging includes the production of round wood for the forest based manufacturing industries as well as the extraction and gathering of wild growing non-wood forest product. Besides the production of timber, forestry activities which produce the product through the minimum process, such as fire wood, charcoal, wood chips and round wood used in unprocessed form. These activities can be carried out in natural or forests plantation. This also includes part of the forestry operation based on fee or contract basis; and

4.1.4. Fisheries comprise of fishing and aquaculture, covering the use of fishery resources from marine, brackish or freshwater, with the purpose of capturing or gathering fish, crustaceans, molluscs and other marine organisms and products. Aquaculture refer to the production process involving the culturing or farming (including harvesting) of aquatic organisms using techniques designed to increase the production of the organisms beyond the natural capacity of the environment.

4.2 Mining & quarrying

Mining and quarrying include the extraction of minerals occurring naturally as solids (coal and ores), liquids (petroleum) or gases (natural gas). Extraction can be achieved by different methods such as underground or surface mining, well operation, seabed mining, etc. However, Mineral mining & quarrying sub-sectors were not covered in this publication.

4.3 Manufacturing

The physical or chemical transformation of materials or components into new products, whether the work is performed by power-driven machines or by hand, whether it is done in a factory or in the worker's home, and whether the products are sold at wholesale or retail.

The classification of eight (8) sub-sectors according to 24 divisions as follows:

Division	Description
Food Products	
10	Manufacture of food products
Beverages and tobacco products	
11	Manufacture of beverages
12	Manufacture of tobacco products
Textiles, wearing apparel and leather products	
13	Manufacture of textiles
14	Manufacture of wearing apparel
15	Manufacture of leather and related products
Wood products, furniture, paper products and printing	
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting material
17	Manufacture of paper and paper products
18	Printing and reproduction of recorded media
31	Manufacture of furniture
Petroleum, chemical, rubber and plastic products	
19	Manufacture of coke and refined petroleum products
20	Manufacture of chemicals and chemical products
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations
22	Manufacture of rubber and plastic products
Non-metallic mineral products, basic metal and fabricated metal products	
23	Manufacture of other non-metallic mineral products
24	Manufacture of basic metals
25	Manufacture of fabricated metal products, except machinery and equipment

Division	Description
26	Manufacture of computer, electronic and optical products
27	Manufacture of electrical equipment
28	Manufacture of machinery and equipment n.e.c
Transport equipment, other manufacturing and repair	
29	Manufacture of motor vehicles, trailers and semitrailers
30	Manufacture of other transport equipment
32	Other manufacturing
33	Repair and installation of machinery and equipment

4.4 Construction

New construction, alteration, repair and demolition. Installation of any machinery or equipment which built-in at the time of the original construction is included, as well as installation of machinery or equipment after the original construction but which requires structural alteration in order to install.

4.5 Services

Services related to Electricity, gas, steam & air conditioning supply; Water supply; sewerage, waste management & remediation activities; Wholesale & retail trade; Transportation & storage; Information & communication; Accommodation, Food & beverage; Finance; Real estate; Professional, scientific & technical; Administrative & support services; Private education; Private health & social work; Art entertainment & recreation and Personal services & other activities.

4.5.1. Electricity, gas, steam & air conditioning supply are defined as an activity of providing electric power, natural gas, steam, hot water and the like through a permanent infrastructure (network) of lines, mains & pipes. The dimension of the network is not decisive; also included are the distribution of electricity, gas, steam, hot water and the like in industrial parks or residential buildings. This section therefore includes the operation of electric gas utilities, which generate, control and distribute electric power or gas. Also included is the provision of steam & air-conditioning supply;

4.5.2. Water supply, sewerage, waste management & remediation activities comprised of activities related to waste management includes collection, treatment & disposal such as scheduled waste, solid waste & waste water from industrial and household, including recovery materials & contaminated sites. The waste from the treatment process can be disposed of or used as input for other production process. Related activities in water treatment and supply are also included in this sector;

4.5.3. Wholesale & retail trade encompass of wholesale and retail trades, sales and repair of motor vehicles & motorcycles;

- 4.5.4. Transportation & storage** includes all establishment provides land transport, freight transport by road, other land transport, water transport, warehousing & supporting activities such as storage & warehousing, terminal operations, car parking services, highway operations, port operations, cargo handling/ stevedoring, shipping agencies & forwarding of freight and other supporting activities for transportation services;
- 4.5.5. Information & communication** comprised activities of publishing, motion picture, video & television programme production, sound recording & music publishing, programming & broadcasting, telecommunication services, computer programming, consultancy & related activities and information services;
- 4.5.6. Accommodation** refer to the provision on a fee of short term lodging, whether open to the general public or restricted to members of a particular organisation. It excludes rental of long-term furnished accommodation which is classified in Real Estate;
- 4.5.7. Food & beverages** include food & beverage serving activities providing complete meals or drinks fit for immediate consumption, whether in traditional restaurants, self-service or take-away restaurants, whether as permanent or temporary stands with or without seating;
- 4.5.8. Finance** include monetary intermediation activities; other financial service activities and activities auxiliary to financial services; insurance/ takaful, reinsurance/ retakaful and pension & provident funding activities; and activities auxiliary to insurance/ takaful and pension funding;
- 4.5.9. Real estate** include acting as lessors, agents and/ or brokers in one or more of the following: selling or buying real estate, renting real state, providing other real estate services such as appraising real estate, property management or acting as real estate escrow agents. Activities in this division may be carried out on own or leased property and may be done on a fee or contract basis. Also included is the building of structures, combined with maintaining ownership of leasing of such structures;
- 4.5.10. Professional, scientific & technical** includes specialised professional, scientific & technical activities which require a high degree of expertise and training, and specialised knowledge and skills available to users. Activities performed include legal & accounting activities, activities of head offices, management consultancy activities, architecture & engineering activities, technical testing & analysis, scientific research & development, advertising & market research, other professional, scientific & technical activities and veterinary activities;
- 4.5.11. Administrative & support activities** include a variety of activities that support general business operations including rental & leasing activities, employment activities, travel agency, tour operator & other reservation service activities, security & investigation activities, services to building & landscape activities & office administrative, office support & other business support activities;

4.5.12. Private education refer to establishments registered with the Ministry of Education, Malaysia and the Ministry of Higher Education that provides academic, pre-primary & primary education, secondary education, higher education, other education and educational support activities;

4.5.13. Private health & social work include hospital services, medical & dental practice activities, other human health activities, residential care activities and social work activities without accommodation;

4.5.14. Arts, entertainment & recreation include a wide range of activities to meet varied cultural, entertainment & recreational interests of the general public, including live performances, operation of museum sites, gambling, sport and recreation activities; and

4.5.15. Personal services & other activities include activities of membership organisations, activities of business, employers and professional membership organisations, activities of trade unions, activities of others membership organisations, repair of computers and personal and household goods and others personal services activities such as washing and dry-cleaning of textiles and fur products; hairdressing and other beauty treatment and funeral and other services activities.

5. SURVEY YEAR

Survey year refers to the year in which a survey was conducted.

6. REFERENCE YEAR

The reference year of the survey was the calendar year 2021.

7. VALUE OF GROSS OUTPUT

Output is defined as the goods and services produced by an establishment, excluding the value of any goods and services used in an activity for which the establishment does not assume the risk of using the products in production, and excluding the value of goods and services consumed by the same establishment except for goods and services used for capital formation (fixed capital or changes in inventories) or own final consumption.

8. NUMBER OF PERSONS ENGAGED

Number of persons engaged refers to all working persons during December or the last pay period of the reference year. The number of persons engaged was classified under the following categories:

8.1 Working proprietors and active business partners

This category refers to all individual proprietors and partners, part time or full time, who are actively engaged in the work of the establishment. Therefore, it excludes silent and inactive partners.

i. Working proprietors and active business partners

This category refers to all individual proprietors and partners (full-time or part-time) who are actively engaged in the work of the establishment. It therefore, excludes silent and inactive partners; and

ii. Unpaid family workers

Include all household members (full-time or part-time) to the owners of the establishment who perform a specified job and work for a minimum of one third of the normal working time for the establishment, but do not receive regular payment either in cash or in kind for the work done. Such workers generally receive food, shelter and other support as part of the household of an owner but this would continue whether they worked in the establishment or not.

8.2 Paid full-time employees

Refer to all all paid workers (full-time) who work for at least six hours a day and/or 20 days a month. All such employees are to be categorised according to Malaysia Standard Classification of Occupations 2020 (MASCO) as follows:

i. Manager, professional and researcher included:

a. Manager

Refer to those who devise, analyse, formulate, direct and advise on government policy, and make, amend and repeal laws, public rules and regulations, and represent and act on behalf of the government, and oversee the interpretation and implementation of policies and government legislation, or carry out similar tasks on behalf of special interest organisations, or plan, organise, lead, control and coordinate the policies and activities of enterprises, organisations, departments or the internal section; and

b. Professional

Refer to those responsible for increase the existing stock of knowledge, apply scientific or artistic concepts and theories, teach about the foregoing in a systematic manner, or engage in any combination of these three activities.

ii. Technicians and associate professionals

Refer to those who perform technical and related tasks connected with research and the application of scientific or artistic concepts and operational methods, and government or business regulations.

iii. Clerical and related occupations includes:

a. Clerical support workers

Refer to those who record, organise, store and retrieve related information and perform clerical duties especially in connection with administrative operations, handling of money, travel arrangements and requests for information and appointments;

b. Service and sales workers

Refer to those who provide personal services related to travel, housekeeping, catering, personal care, or protection against fire and unlawful acts, or demonstrate and sell goods in wholesale or retail shops and similar establishments as well as at stalls and markets;

c. Skilled agricultural, forestry, livestock and fishery workers

Refer to those who grow and harvest field or tree and shrub crops, gather wild fruit, herbs and vegetables, breed, tend or hunt animals, produce a variety of animal husbandry products, cultivate, conserve and gather forest products, breed or catch fish and cultivate or gather other forms of aquatic life;

d. Craft and related trades workers

Refer to those who apply their specific knowledge and skills in the fields of mining and construction, metal forming, and erect metal structures, make, fit, maintain and repair machinery, equipment or tools, carry out printing work as well as produce or process foodstuffs, textiles, or wooden, metal and other articles including handicraft goods; and

e. Plant & machine operators, and assemblers

Refer to those who operate and monitor industrial and agricultural machinery and equipment, drive and operate trains, motor vehicles and mobile machinery and equipment, or assemble product component parts according to strict specifications and procedures.

iv. Elementary occupations

Refer to those who perform simple, routine and non-systematic tasks which mainly require the use of handheld tools or with the assistance of simple machines, and in some cases considerable physical effort.

8.3 Paid part-time employees

Refer to all paid workers (part-time) who work less than six hours a day and/ or 20 days a month.

9. SKILL LEVELS

Skill levels have been classified according to Malaysia Standard Classification of Occupations (MASCO) 2020 as follows:

9.1 Skilled

Managers, professionals and researchers, and Technicians and associate professionals;

9.2 Semi-skilled

Clerical support workers, Service & sales workers, Skilled agricultural, Forestry, Livestock & Fishery workers, Craft & related trades workers, and Plant & machine operators and assemblers; and

9.3 Low-skilled

Elementary occupations.

10. SALARIES & WAGES

All payments (salaries, wages, bonuses, commissions, overtime pay and cash allowances including cost of living, housing, car, food, etc.) made throughout the reference year to all paid employees in each category. For all directly employed workers, total payments made before deductions for income tax and employees' contributions to Employees' Provident Fund (EPF)/ Social Security Organisation (SOCSO)/ Other provident/ Retirement Funds Incorporated (KWAP). The Employer's contribution to such funds as mentioned above should be excluded.

11. ROUNDING

The sum of the component figures may not tally with the sub-total or total figures due to rounding.

12. SUPRA STATE

Based on the System of National Accounts (SNA) 2008, there are three types of institutional units that have a center of economic interest and most activities are within one region; multi-provincial units with centers of interest in some provinces but not nationwide; and units operating at the national level, i.e. its center of interest cannot be associated with geographical position (Supra State). Supra State at the state level is equivalent to an overseas organisation at the national level. In Malaysia, Supra State covers production activities beyond the centre for the key economic interest of any state.

13. ANNUAL GROWTH RATE

The annual growth rate used refers to the difference between two reference periods and can be calculated based on the following formula:

$$y_t = y_0(1+r)^t$$

$$r = \left[e^{\frac{1}{t} \ln \left(\frac{y_t}{y_0} \right)} - 1 \right] \times 100$$

where,

y_t	=	Value of current year
y_0	=	Value of previous year
t	=	Number of years, $y_t - y_0$
r	=	Annual growth rate

14. DATA REVISED

The AES data estimates for the year 2017-2021 has been revised based on the technical aspect and updated annual estimates.

15. SYMBOLS AND ABBREVIATIONS

-	:	no information
0	:	less than 500
0.0	:	less than 0.05 million
n.a	:	not available
&	:	and
%	:	per cent
etc.	:	ec cetera
CAGR	:	compound annual growth rate
RM	:	Ringgit Malaysia
n.e.c.	:	not elsewhere classified
W.P.	:	Federal Territory
e	:	estimate
p	:	preliminary

4

LAMPIRAN *APPENDIX*

1 Pekerja tahunan mengikut jenis aktiviti ekonomi, 2017 - 2021
Annual employment by kind of economic activity, 2017 - 2021

('000)

Jenis Aktiviti Ekonomi Kind of Economic Activity		2017	2018	2019	2020 ^a	2021 ^p
1. Pertanian <i>Agriculture</i>		1,839	1,844	1,873	1,866	1,874
2. Perlombongan dan pengkuarian <i>Mining and quarrying</i>		81	76	75	74	75
3. Pembuatan <i>Manufacturing</i>		2,441	2,502	2,553	2,552	2,618
3.1	Minyak dan lemak daripada sayuran & haiwan dan prosesan makanan <i>Vegetable and animal oils & fats and food processing</i>	416	429	439	448	469
3.2	Minuman dan produk tembakau <i>Beverages and tobacco products</i>	18	19	20	18	18
3.3	Produk tekstil, pakaian dan kulit <i>Textiles, wearing apparel and leather products</i>	225	239	252	251	261
3.4	Produk kayu, perabot, keluaran kertas dan percetakan <i>Wood products, furniture, paper products and printing</i>	302	302	307	299	299
3.5	Produk petroleum, kimia, getah dan plastik <i>Petroleum, chemical, rubber and plastic products</i>	389	395	402	410	425
3.6	Produk mineral bukan logam, logam asas dan produk logam yang direka <i>Non-metallic mineral products, basic metal and fabricated metal products</i>	353	361	362	363	367
3.7	Produk elektrik, elektronik dan optikal <i>Electrical, electronic and optical products</i>	545	562	575	575	590
3.8	Peralatan pengangkutan, pembuatan lain dan pembaikan <i>Transport equipment, other manufacturing and repair</i>	193	194	196	186	188
4. Pembinaan <i>Construction</i>		1,497	1,509	1,463	1,399	1,385
5. Perkhidmatan <i>Services</i>		8,601	8,880	9,161	9,206	9,338
5.1	Utiliti <i>Utilities</i>	98	101	103	104	105
5.2	Perdagangan borong dan runcit <i>Wholesale and retail trade</i>	2,374	2,449	2,529	2,557	2,615
5.3	Makanan & minuman dan penginapan <i>Food & beverages and accommodation</i>	1,403	1,516	1,633	1,626	1,641
5.4	Pengangkutan dan penyimpanan <i>Transportation and storage</i>	516	526	539	539	535
5.5	Maklumat dan komunikasi <i>Information and communication</i>	216	223	236	243	250
5.6	Kewangan dan insurans <i>Finance and insurance</i>	362	368	375	376	374
5.7	Hartanah dan perkhidmatan perniagaan <i>Real estate and business services</i>	1,055	1,092	1,126	1,137	1,123
5.8	Perkhidmatan lain <i>Other services</i>	2,576	2,603	2,620	2,623	2,694
Jumlah / Total		14,459	14,810	15,126	15,096	15,290

Sumber : Produktiviti Buruh Suku Tahun Keempat 2022
Source : Labour Productivity Fourth Quarter 2022

Nota / Note :

^a Anggaran/ Estimate

^p Permulaan/ Preliminary

2 Jawatan mengikut jenis aktiviti ekonomi, 2017 - 2021*Jobs by kind of economic activity, 2017 - 2021*

('000)

	Jenis Aktiviti Ekonomi Kind of Economic Activity	2017	2018	2019	2020	2021
1.	Pertanian <i>Agriculture</i>	487.5	481.5	487.0	472.6	468.4
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	82.0	82.0	82.5	79.4	77.9
3.	Pembuatan <i>Manufacturing</i>	2,222.1	2,244.6	2,283.7	2,257.0	2,321.3
4.	Pembinaan <i>Construction</i>	1,326.2	1,312.9	1,331.1	1,280.1	1,249.2
5.	Perkhidmatan <i>Services</i>	4,363.2	4,421.2	4,477.1	4,368.0	4,413.9
	Jumlah / Total	8,481.0	8,542.2	8,661.4	8,457.1	8,530.7

3 Jawatan diisi mengikut jenis aktiviti ekonomi, 2017 - 2021*Filled jobs by kind of economic activity, 2017 - 2021*

('000)

	Jenis Aktiviti Ekonomi Kind of Economic Activity	2017	2018	2019	2020	2021
1.	Pertanian <i>Agriculture</i>	457.2	455.6	458.7	443.1	438.7
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	81.6	81.7	82.2	78.9	77.4
3.	Pembuatan <i>Manufacturing</i>	2,110.9	2,132.0	2,174.3	2,159.2	2,217.7
4.	Pembinaan <i>Construction</i>	1,303.7	1,291.4	1,308.3	1,258.9	1,227.3
5.	Perkhidmatan <i>Services</i>	4,321.6	4,383.8	4,440.0	4,341.0	4,386.0
	Jumlah / Total	8,275.0	8,344.6	8,463.5	8,281.2	8,347.1

4 Kekosongan mengikut jenis aktiviti ekonomi, 2017 - 2021*Vacancies by kind of economic activity, 2017 - 2021*

('000)

	Jenis Aktiviti Ekonomi Kind of Economic Activity	2017	2018	2019	2020	2021
1.	Pertanian <i>Agriculture</i>	30.3	25.9	28.4	29.5	29.8
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	0.4	0.3	0.3	0.4	0.4
3.	Pembuatan <i>Manufacturing</i>	111.2	112.7	109.4	97.8	103.6
4.	Pembinaan <i>Construction</i>	22.5	21.4	22.8	21.2	22.0
5.	Perkhidmatan <i>Services</i>	41.6	37.4	37.1	27.0	27.9
	Jumlah / Total	206.0	197.6	198.0	175.9	183.6

5 Pewujudan jawatan mengikut jenis aktiviti ekonomi, 2017 - 2021*Jobs created by kind of economic activity, 2017 - 2021*

('000)

	Jenis Aktiviti Ekonomi Kind of Economic Activity	2017	2018	2019	2020	2021
1.	Pertanian <i>Agriculture</i>	13.9	9.2	10.8	3.1	3.4
2.	Perlombongan dan pengkuarian <i>Mining and quarrying</i>	2.1	0.8	0.6	0.3	0.3
3.	Pembuatan <i>Manufacturing</i>	37.2	20.3	19.2	25.5	29.2
4.	Pembinaan <i>Construction</i>	26.4	19.9	22.3	14.2	10.8
5.	Perkhidmatan <i>Services</i>	77.7	51.0	51.1	30.2	25.8
	Jumlah / Total	157.2	101.1	104.0	73.3	69.5

Sumber : Statistik Guna Tenaga Suku Tahun Keempat 2022

Source : Employment Statistics Forth Quarter 2022

