

DEPARTMENT OF STATISTICS MALAYSIA

# JOB VACANCIES LANDSCAPE IN MALAYSIA, FIRST QUARTER OF 2022



				)B PRO	FILE			
	Total of Job \	/acancies	TVET		STEM		COL	
		Q4 20	021		24 2021	Q4	2021	
Q4 20	21 190	),436 - 🥙		31,465 vacancies	25% 47,	868 50	% 94,954 job vacancies	
	17	Q1 20	122		21 2022		2022	
Q1 20	<sup>22</sup> 159	.148	1	00 64 6	38,	925 51	00.000	
	107		p	o vacancies	100.43	Garrares	Job vacancies	
Лт	on John for	STEM Category	_	17	2			
	op Jons for	STEM Category	Science, Te	chnology, Engineerin	g and Mathematics			
Q4 2021	MASCO 6 Digit		Q1 202	22 MASCO 6	Digit		0	
2,536	3119-01	Technician	2,	368 3119-0	1 Technician			
1,594	2543-02	Graphic Designer	1,	257 2543-0	2 Graphic Design	ner	STEM jobs are occupation	
1,292	2512-23	Software Engineer	1,:	192 2512-2	2-23 Software Engineer	eer	that require an education i science, technology,	
1,230	1214-14	Project Manager	9	62 1214-1	4 Project Manag	or	engineering or mathematic	
972						, ci	disciplines	
<b>H</b> -	3123-04	Site Supervisor	7	55 3123-0	4 Site Supervise		disciplines.	
Q4 2021	op Jobs for	TVET Category Advertising and Marketing	Technical ar	d Vocational Educati	on and Training Digit Advertising and Marke	pr	disciplines.	
Q4 2021 14,066	op Jobs for MASCO 4 Digit 2431	TVET Category Advertising and Marketing Professionals Administrative Associate	Technical ar Q1 20 12,	ad Vocational Educati 22 MASCO 4 D 647 2431	on and Training Digit Advertising and Marka Professionals Administrative Asco	or	i) TVET includes formal,	
Q4 2021 14,066 8,381	MASCO 4 Digit 2431 3341	TVET Category Advertising and Marketing Professionals Administrative Associate Professionals	Technical ar Q1 20: 12, 7,;	d Vocational Educati 22 MASCO 4 0 647 2431 256 3341	on and Training Digit Advertising and Marka Professionals Administrative Assoc Professionals	ating liate	TVET includes formal, non-formal and informal learning that prepare	
Q4 2021 14,066 8,381 5,217	MASCO 4 Digit 2431 3341 2512	TVET Category Advertising and Marketing Professionals Administrative Associate Professionals Software Developers Administrative	Technical an Q1 20: 12, 7,, 4,	ad Vocational Educational 22 MASCO 4 0 647 2431 256 3341 710 2512	on and Training Ngit Advertising and Mark Professionals Administrative Assoc Professionals Software Develo	sting late	TVET includes formal, non-formal and informal learning that prepare young people with the	
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Q4 2021 14,066 8,381 5,217 4,809 4,705	MASCO 4 Digit 2431 3341 2512 2425 4111	TVET Category Advertising and Marketing Professionals Administrative Associate Professionals Software Developers Administrative Professionals	Technical an Q1 20; 12, 7,; 4,; 4,;	d Vocational Educati 22 MASCO 4 D 647 2431 256 3341 710 2512 169 4111 018 3119	on and Training Advertising and Mark Professionals Administrative Assoc Professionals Software Develo General Office O	sting late ppers lerks	TVET includes formal, non-formal and informal learning that prepare young people with the knowledge and skills	
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Q4 2021 14,066 8,381 5,217 4,809 4,705	MASCO 4 Digit 2431 3341 2512 2425 4111	TVET Category Advertising and Marketing Professionals Administrative Assocate Professionals Software Developers Administrative Professionals General Office Clerks COL Category Advertising and Marketing	Technical an Q1 20: 12, 7,; 4,; 4,; 4,; 6, Critical Occur	ed Vocational Educati 22 MASCO 4 ( 647 2431 256 3341 710 2512 169 4111 018 3119 pations List 22 MASCO 4 D	on and Training Digit Advertising and Marke Professionals Administrative Assoc Professionals Software Develo General Office C Industrial And Produc Technicians	ating liate ppers Clerks	TVET includes formal, non-formal and informal learning that prepare young people with the knowledge and skills required in the world of work.	
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Q4 2021 14,066 8,381 5,217 4,809 4,705 Q4 2021 14,066 7,961	op Jobs for MASCO 4 Digit 2431 3341 2512 2425 4111 op Jobs for MASCO 4 Digit 2431 1121	TVET Category Advertising and Marketing Professionals Administrative Associate Professionals Software Developers Administrative Professionals General Office Clerks COL Category Advertising and Marketing Professionals Managing Directors and Chine Executives	Technical and           Q1 202           12,           7,;           4,;           4,;           4,;           4,;           Q1 202           Q1 202           Q1 202           12,           6,8           6,0	d Vocational Educati 22 MASCO 4 [ 647 2431 256 3341 710 2512 169 4111 018 3119 pations List 22 MASCO 40 647 2431 134 1211	on and Training Digit Advertising and Marka Professionals Administrative Assoc Professionals Software Develo General Office C Industrial And Produe Technicians igit Advertising and Marka Professionals Managing Directors and Executives	ating iate ppers Clerks ction	<ul> <li>TVET includes formal, non-formal and informal learning that prepare young people with the knowledge and skills required in the world of work.</li> <li>Based on COL 2019/2020, across 18 economic sectors in Malaysia. It aims to be the</li> </ul>	

**Job Market Insights** and **My Job Profile** are quarterly releases by the Institute of Labour Market Information and Analysis (ILMIA), Department of Statistics, Malaysia (DOSM). These statistics are compiled based on the job vacancies advertised online by private popular recruitment websites in the reference period. The report contains information on job vacancies advertised online by employers from various aspects such as by the type of occupation, location, industry, skills, the field of studies and others.

**Job Market Insights (JMI)** present the summary of job vacancies information advertised online in Malaysia. JMI aims to assess the changes in workforce demand over time while facilitating any interested parties to gather valuable insights for decision making.

**My Job Profile** is an online career information portal that offers in-depth details about the occupation in Malaysia at Malaysia Standard Classification of Occupations (MASCO) 2020 at 4-digit levels. Through this portal, quality and timely job's information will be readily available for various user categories to assist them in making informed decisions about their careers and future aspirations.

The statistics from this report must be interpreted with caution due to the data limitation. As is often the case with big data, although the report and information from Big Data Analytics: Job Market Insights and My Job Profile are elaborated, these online job vacancies do not represent the whole population of job vacancies in Malaysia. The report only collected data from four popular recruitment websites. There are no legal provisions that mandate registration of job openings by employers. Besides, MASCO 2020 Category 9 (Elementary Workers) and category 0 (Army) are also excluded from this report.

The Job Market Insights and My Job Profile can be used by policymakers, academicians, economists, researchers and other users for studies related to the labour market. It is hoped that this report can facilitate the growing demand for labour market statistics.

## **Key Reviews**

- Starting from Q3 2020, there were an increase in the number of online job vacancies advertised. In Q1 2020, a total of 49,372 vacancies were advertised while in Q1 2021, the total vacancies increased to 90,218 and **soared up** to 159,148 in Q1 2022. However, the number of vacancies advertised online for Q1 2022 decreased by 16.4 per cent from 190,436 in Q4 2021.
- On a monthly basis of Q1 2022, the number of vacancies advertised online was the highest in February 2022 with 67,172 vacancies. Meanwhile, January and March recorded 48,924 and 43,052 respectively.



Chart 1: Job Vacancies Advertised Online, for the Third Quarter 2019 to First Quarter 2022

Note: The statistics from this report must be interpreted with caution due to the data limitation as it is gathered via big data analytics (using web scraping techniques) and does not reflect the actual population of job vacancies.

• Most of the employers demanded Professional category workers (44.9%), followed by Technicians and Associate Professionals (17.7%) and Managers (11.3%). By ranking, the five most popular jobs offered during the reference period were Advertising and Marketing Professional, Administrative Associate Professional, Managing Director and Chief Executive Officer, Accountant and Auditor and Software Developer.

Chart 2: Job Vacancies Advertised Online by Occupation Category for Fourth Quarter 2021 and First Quarter 2022



Note: The statistics from this report must be interpreted with caution due to the data limitation as it is gathered via big data analytics (using web scraping techniques) and does not reflect the actual population of job vacancies.

In Q1 2022, the three (3) jobs in the Technical dan Vocational Education and Training (TVET) category that recorded the highest number of vacancies were Advertising and Marketing Professionals, Administrative Associate Professionals and Software Developers. Meanwhile, Advertising and Marketing Professionals, Managing Director and Chief Executive Officer as well as Accountants and Auditors were the highest Critical Occupation List (COL) category jobs advertised online during the reference period. In addition, popular jobs offered in the Science, Technology, Engineering and Mathematics (STEM) category were Technician, Graphic Designer and Software Engineer.

Figure 1: Top Five Job Vacancies Advertised Online for STEM, TVET and COL categories for First Quarter



Note: The statistics from this report must be interpreted with caution due to the data limitation as it is gathered via big data analytics (using web scraping techniques) and does not reflect the actual population of job vacancies.

• The job vacancies were reported in all industries, particularly in Wholesale and Retail Trade, Repair

of Motor Vehicles and Motorcycles sector; Manufacturing; Professional, Scientific and Technical Activities; Financial and Insurance/Takaful Activities as well as Accommodation and Food Service Activities.



Figure 2: Job Vacancies Advertised Online by Sectors for First Quarter 2022

Note: The statistics from this report must be interpreted with caution due to the data limitation as it is gathered via big data analytics (using web scraping techniques) and does not reflect the actual population of job vacancies.

• Observing the vacancies advertised by geography in Q1 2022, Federal Territory of Kuala Lumpur recorded the highest job offers at 67,880 followed by Selangor (26,869), Johor (11,611), Penang (6,146) and Melaka (2,757).



Figure 3: Job Vacancies Advertised Online by State for First Quarter 2022

Note: The statistics from this report must be interpreted with caution due to the data limitation as it is gathered via big data analytics (using web scraping techniques) and does not reflect the actual population of job vacancies.

The time series of the number of job vacancies advertised online by industry, occupation and state is shown in Summary Table. The detailed information and interactive data visualisation of both Job Market Insights and My Job Profile can be obtained from our website.

The Department of Statistics Malaysia (DOSM) is conducting the Household Income, Expenditure and Basic Amenities Survey (HIES/BA) 2022 from 1st January 2022 to 31st December 2022 and the Annual Economic Survey 2022 (AES 2022) from 15th April 2022 to 30th September 2022. DOSM greatly appreciates the cooperation given by selected respondents by sharing their information with DOSM and making the survey a success. Please visit www.dosm.gov.my for more information.

The full publication can be downloaded through eStatistik portal.

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