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ECONOMIC CENSUS 2023: MANUFACTURING



Economic Census 2023 revealed 54,505 establishments in Manufacturing sector produced a gross output of RM1.89 trillion in 2022, surged by 7.5 per cent within seven years

There were 54,505 Manufacturing **establishments** operating in 2022, with an increase of 1.5 per cent as compared to the preceding census for the reference year 2015 (49,101 establishments). Over the past seven years, the highest increment was observed in the Non-metallic mineral products, basic metal and fabricated metal products sub-sector (share: 19.0%); followed by Wood products, furniture, paper products and printing sub-sector (share: 17.8%); and Food products sub-sector (share: 16.8%).

The value of **gross output** for the Manufacturing sector surged by 7.5 per cent annually to register RM1.89 trillion in 2022. This upturn was largely supported by the Petroleum, chemical, rubber and plastic products sub-sector with an increase of 9.9 per cent to RM579.6 billion (2015: RM299.1 billion). This was followed by the Electrical, electronic and optical products sub-sector with a 29.6 per cent share and a value of RM560.7 billion (2015: RM321.8 billion).

The **intermediate input** for the Manufacturing sector rose by 7.6 per cent annually to RM1,478.8 billion as compared to RM884.8 billion in 2015. The increase in intermediate input expenditure, which outpaced the gross output was primarily influenced by the higher local producer prices, as well as the global rise in crude oil and commodities prices during this period.

The **value added** of Manufacturing sector marking an annual growth of 7.1 per cent to reach RM414.9 billion in 2022 (2015: RM257.1 billion). The main contributor to the increase was the Petroleum, chemical, rubber, and plastic products sub-sector (share: 33.2%) which ascended by 8.5 per cent. The second rank was the Electrical, electronic, and optical products sub-sector which contributed 29.0 per cent share, with an annual growth rate of 8.3 per cent. Following closely was the Food products sub-sector (share: 11.1%), grew by 7.5 per cent.

The number of **persons engaged** in the Manufacturing sector grew by 1.5 per cent annually to record a total of 2.3 million persons in 2022 (2015: 2.1 million persons). The Electrical, electronic, and optical products sub-sector employed the highest number of 629.9 thousand persons which accounted for 26.8 per cent. Next, the Petroleum, chemical, rubber, and plastic products sub-sector which employed 437.6 thousand persons (share: 18.7%) in 2022. The Semi-skilled workers comprised the highest number with 1.7 million persons (share: 72.7%), followed by Skilled workers with 416.8 thousand persons (share: 18.2%), and Low-skilled workers with 209.1 thousand persons (share: 9.1%) in 2022.

The total **salaries and wages** paid in the Manufacturing sector expanded by 5.8 per cent annually to RM97.2 billion in 2022. The average salary and wages in the Manufacturing sector amounted to RM3,513 per month in 2022. The Electrical, electronic and optical products sub-sector recorded the highest average salary and wages of RM4,361 per month. Conversely, the lowest average salary and wages was in the Textiles, wearing apparel and leather products at RM2,249 per month. In addition, Skilled workers received the highest average salaries & wages at RM8,068 per month, followed by Semi-skilled workers (RM2,578 per month) and Low-skilled workers (RM2,030 per month).

In 2022, there were 14,323 establishments involved in the manufacture of agro-based products. A total of 8,296 establishments involved in food based products, representing 57.9 per cent while the remaining 6,027 establishments were involved in non-food based products. Additionally, the gross output of non-food based products amounted to RM267.2 billion, made up 73.4 per cent to the total output of the agriculture-based industry. Meanwhile, food based products reached RM96.7 billion, with a contribution of 26.6 per cent.

*In the meantime, a total of 8,469 establishments with a contribution of 15.5 per cent of the overall Manufacturing establishments in 2022 was owned by women. The majority or 43.6 per cent was involved with the Textiles, wearing apparel, leather and footwear products sub-sector, followed by the Food products sub-sector with a share of 28.9 per cent. Women-owned establishments in the Manufacturing sector generated a gross output value of RM41.2 billion and employed 126.5 thousand persons. More than 90.0 per cent of **women-owned** establishments contributed by Individual proprietorships and Private limited companies constituted 67.5 per cent and 24.5 per cent respectively.*

*Nearly 70 per cent of gross output in the Manufacturing sector contributed by Selangor (share: 27.3%); Johor (share: 16.7%); Pulau Pinang (share: 16.0%); and Sarawak (share: 9.3%). In terms of the annual growth rate, four **states** registered higher increment than the national level which were Selangor (7.7%); Johor (9.2%); Pulau Pinang (10.0%); and Sarawak (8.1%).*

The full publication of the Economic Census 2023 Manufacturing can be downloaded through eStatistik portal.

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