

Fasteners are related to all sorts of manufacturing fields. Besides automobile, construction and other major industries that gain our focus, another major industry frequently using fasteners is motorcycle. Through this article, we will be looking at the motorcycle market scale. On another note, we've all known that 2021 saw severe problems of material shortage and transportation barriers. Will these impact the motorcycle market as well? We will walk through the available data on several overseas regions and countries.



Global Production & Sales Statistics of Motorcycle in 2021

全球摩托车产销统计

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Asia & Southeast Asia

There are 7 countries that have joined in the Federation of Asian Motorcycle Industries, including Indonesia, Japan, Malaysia, Philippines, Thailand, Taiwan and Vietnam. This federation has updated motorcycle production and sales figures from the 7 countries to 2021. From the sales numbers in Figure 2, Indonesia reached 3.66 million units in 2020 and continued to top the chart with its total domestic sales up to 5.05 million units, becoming a major motorcycle purchasing country in Southeast Asia. Following Indonesia is Vietnam at 2.49 million units (down from 2.71 million units in 2020), Thailand at 1.6 million units (down from 1.51 million units in 2020), Philippines at 1.43 million units (up from 1.2 million in 2020), Taiwan at 710 thousand units (down from 840 thousand units in 2020) and Japan at 370 thousand units (up from 320 thousand in 2020.) Out of these 7 countries, only Indonesia, Philippines and Japan had sales growth. **From the graph, we can tell that Vietnam has more than two times the demand for motorcycles than other countries do, while Indonesia even doubles from Vietnam.** Excluding Indonesia, the other 6 countries' domestic demand roughly echoes with their domestic production (refer to Fig. 1). As motorcycle production and sales would also drive the consumption of fasteners, Indonesia and Vietnam are the big markets for motorcycles in Asia and Southeast Asia.

Additionally, we found that among these 7 countries, Indonesia and Vietnam have the most volatile and apparent sales fluctuation. There was a 105% gap between the peak (March) and bottom (May) of Indonesia's sales last year, which is larger than 96% recorded in 2020 and equates to over 100% sales drop. Likewise, the gap between Vietnam's peak (Q4) and bottom (Q3) was up to 106%.

2021 Motorcycle Production Statistics by 6 Associations (Excluding Indonesia)

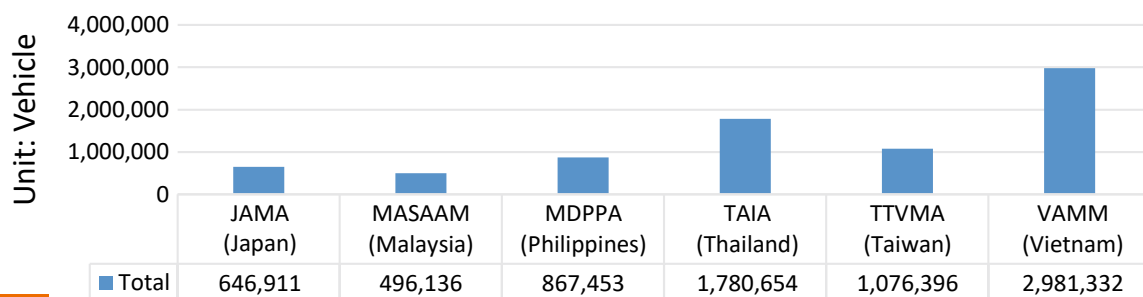
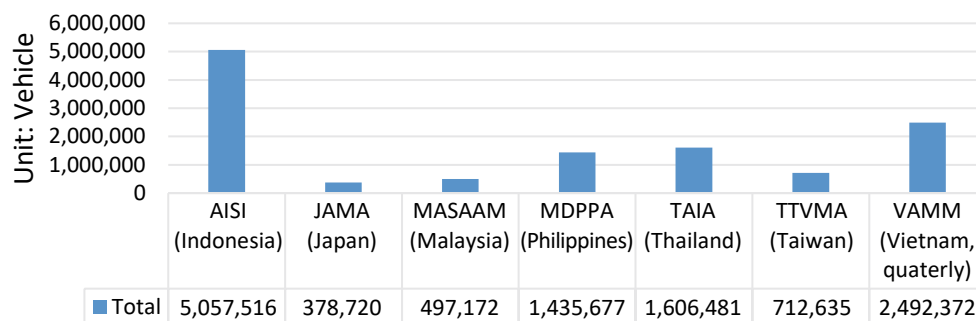


Fig. 1



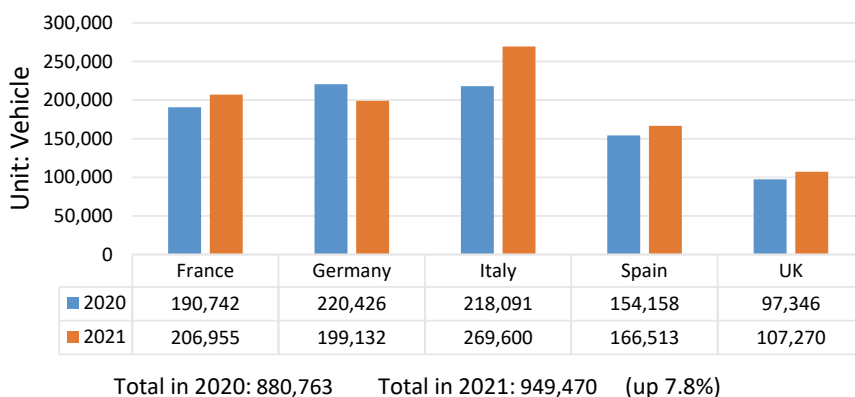
2021 Local Motorcycle Sales Statistics by 7 Associations (Including Indonesia) **Fig. 2**



Europe

For the Europe region, we need to reference the data collected by The Motorcycle Industry in Europe on motorcycle registration from 5 countries, namely France, Germany, Italy, Spain, and UK (**Fig. 3**). A total of 949 thousand units were registered within the 5 countries in 2021, up 7.8% from 880 thousand units in 2020. What's worth noting is that **the sales in 2020 grew 0.9% over 2019. By 2021, the growth margin climbed to 7.8%, meaning that European motorcycle growth momentum was obviously increasing from 2020 to 2021.** Among the European countries, Italy grew 236%, UK grew 10.1%, France grew 8.4% and Germany declined 9.6%. Only Germany had a negative growth.

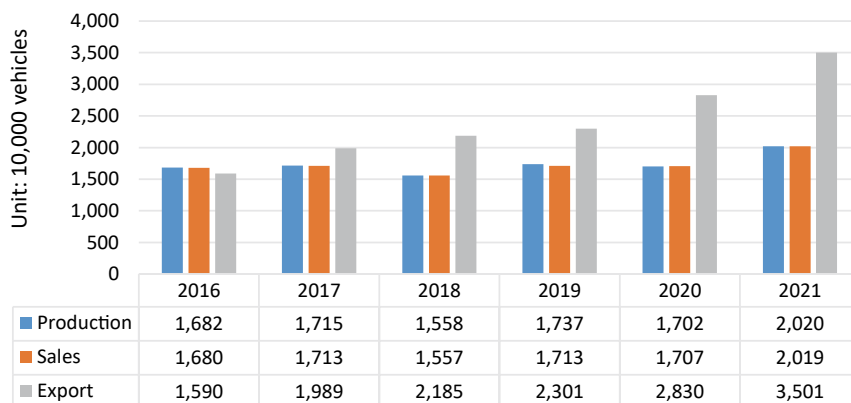
Annual Motorcycle Registrations in 5 Countries **Fig. 3**



China

There is only a minor gap between Chinese motorcycle production and sales. The sales market scales between 16 and 20 million units. Looking at sales alone, we find sales were alternately increasing and decreasing in the past 6 years, down 11% in 2016, up 2% in 2017, down 7% in 2018, up 8% in 2019, and down 2% in 2020. 2021 saw a growth of 18.2%, breaching the 20 million mark. In other words, **the Chinese motorcycle sales were vertically swaying in the past 6 years. Judging from the rebound and vibrancy of post-pandemic Chinese market, we can reasonably assume more apparent growth during 2021.** It is worth noting that the export volume increased gradually in the past 6 years where 2021 grew 23.7%, slightly higher than 22.9% in 2020.

China's Motorcycle Production & Sales (2016-2021) **Fig. 4**



Motorcycle Market Expected to Continue Growing This Year

Asia, Europe and China's motorcycle industry slowly picked up its growth momentum last year, among which China has the strongest growth both in sales and export volume. Indonesia and Vietnam's demand has high fluctuations and remains as the largest motorcycle market in Southeast Asia. Beside Germany, other 4 European countries had growth in car registration last year. Overall, these regions had a stable growth momentum last year. While we can expect a positive outlook for this year, shortages in metals and semiconductor chips linger. Plus, the foreign press reports port congestion is worsen than last year; therefore, there are quite some challenges to tackle in the motorcycle market demand. **■**

