

## 2020 Report for MIM Market

“Annual total sales amount was 10.22 billion Yen and Sales volume has decreased than last year.”

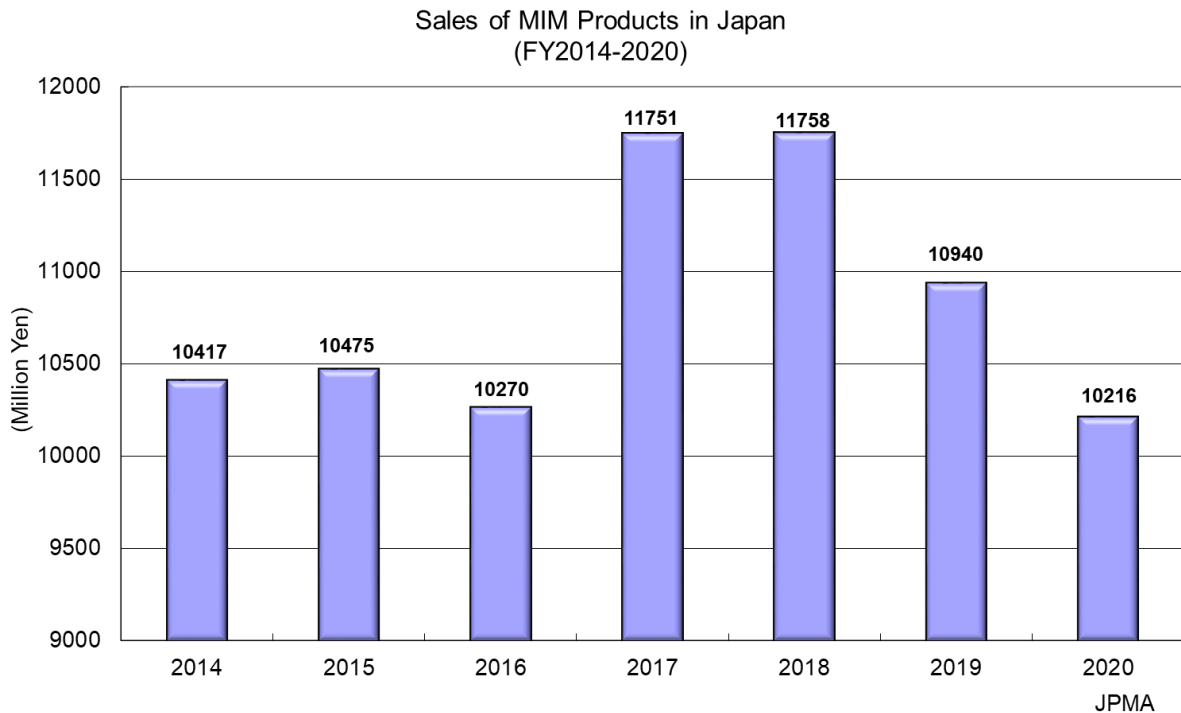
We did this research by sending the questionnaire to total 19 companies including member companies and non-member companies. We made the statistics from data of total 19 companies.

The summary of that is as follows.

### 1) Market Scale

The sales amount in 2020 was 10.22 billion Yen. That was 6.8% decrease from the previous year. The main reason is because of the Covid-19, the the sales amount of Medical Appliance and Automotive Parts, these are main MIM users, were decreased more than 10%. On the one hand, the sales amount of Information Equipment was increased more than 20% because of the demand increase of semi-conductor equipment.

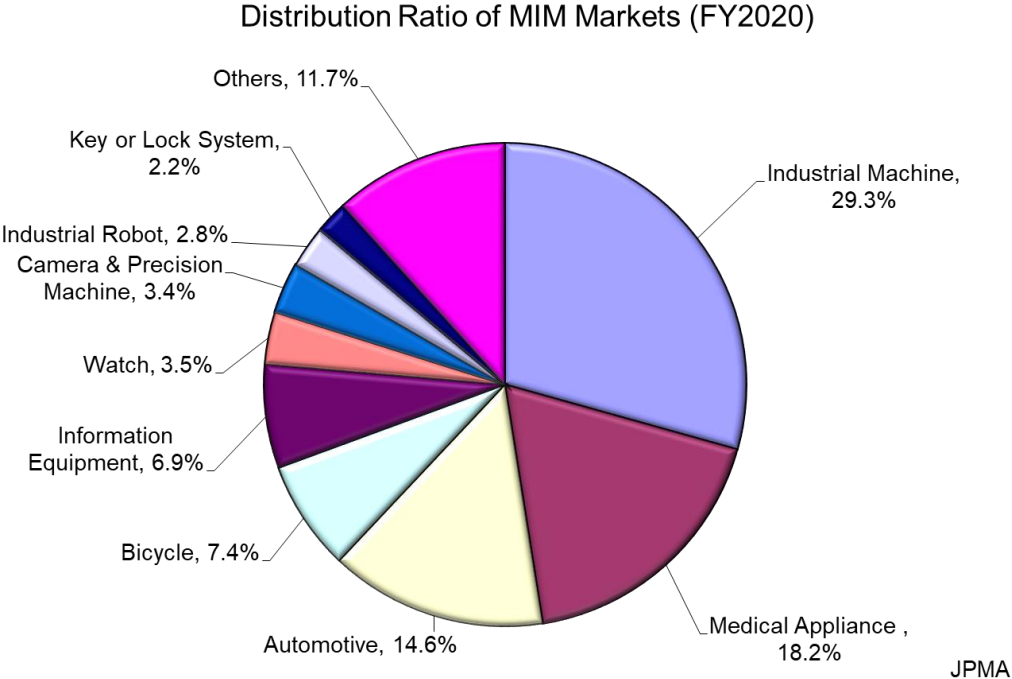
Next year, because of the demand recovery of users that were influenced by Covid-19, the demand will be increased to the level of 2018.



2) Breakdown of the usage field

Figure-2 shows that Industrial Machine parts were 29.3% (previous year: 26.5%), Medical appliance parts were 18.2% (previous year: 19.2%) and Automotive parts were 14.6% (previous year: 16.2%). The total of Industrial Machine parts, Medical Appliance parts and Automotive parts was 62.1%.

Because of the rise of newly-rising countries, there is the trend that the low-cost parts are supplied by the newly-rising countries and the high quality parts are supplied by domestics. In the future, JPMA and Japan MIM makers will advance PR activities for market cultivation.



3) Breakdown of materials

Figure-3 shows that SUS materials were 73.2% (previous year: 74.8%). The total of SUS materials and Fe-Ni materials accounted for over 80%. SUS Materials which are the main material of MIM are 7,480 million Yen that was 8.6% decrease from the previous year. Magnetic Material was 442 million Yen that was 8.1% increase from the previous year.

Magnetic Material was increased after 2 years continuous decrease. Ti was used only medical area. Thanks to the quality and cost valance, SUS can match to various demand area, so the development of SUS is promoted, the increase of SUS material will go on continuously.

